Samsung SPH-L900

User Guide

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This device is capable of operating in 802.11a/n mode. For 802.11a devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11a/n mode (5.15 - 5.25 GHz band) are optimized for indoor use only. If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Sat

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Get Started

The following topics give you all the information you need to set up your phone and Sprint service the first time.

Your Phone at a Glance

Set Up Your Phone

Activate Your Phone

Set Up Voicemail

Sprint Account Information and Help

Your Phone at a Glance

The following illustration outlines your phone's primary external features and buttons.

TBD

Set Up Your Phone

You must first install and charge the battery to begin setting up your phone.

1. Install the battery.

   ☒ Insert a coin or other flat object into the slot at the bottomof the battery compartment cover and lift the cover up gently.

TBD

☒ Insert the battery, contacts end first, and gently press the battery into place.

TBD

☒ Replace the battery compartment cover, making sure all the tabs are secure and there are no gaps around the cover.

Note: When you insert the battery, your phone may power on automatically.

2. Plug the USB connector into the charger/accessory jack on the bottom of your phone.

Warning! While the phone is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the phone.

TBD

3. Plug the AC adapter into an electrical outlet and charge your battery. Fully charging a battery may take up to three hours.

Note: Your phone's battery should have enough charge for the phone to turn on and find a signal, run the setup application, set up voicemail, and make a call. You should fully charge the battery as soon as possible.

4. Press the **Power** button to turn the phone on.

TBD

- If your phone is activated, it will turn on, search for Sprint service, and begin the setup application.
- If your phone is not yet activated, see Activate Your Phone for more information.

Activate Your Phone

Depending on your account or how and where you purchased your phone, it may be ready to use or you may need to activate it on your Sprint account.

- If you purchased your phone at a Sprint Store, it is probably activated and ready to use.
- If you received your phone in the mail and it is for a new Sprint account or a new line of service, it is designed to activate automatically.
  - When you turn the phone on for the first time, you should see a **Hands Free Activation** screen, which may be followed by a **PRL Update** screen and a **Firmware Update** screen. Follow the onscreen instructions to continue.
- If you received your phone in the mail and you are activating a new phone for an existing number on your account (you're swapping phones), you can activate on your computer online or directly on your phone
  - Activate on your computer:
    - Go to sprint.com/activate and complete the online instructions to activate your phone.

- Activate on your phone:
  - Turn on your new phone. (Make sure the old one is turned off.) Your phone will automatically attempt Hands-Free Activation.
  - Tap **Activate** to override auto-activation and start the manual activation wizard.
  - Follow the onscreen prompts to complete the activation process.

- To confirm activation, make a phone call. If your phone is still not activated or you do not have access to the Internet, contact Sprint Customer Service at **1-888-211-4727** for assistance.

Tip: Do not press the **Power** button while the phone is being activated. Pressing the **Power** button cancels the activation process.

Note: If you are having any difficulty with activation, contact Sprint Customer Service by calling **1-888-211-4727** from any other phone.

Complete the Setup Application

The Setup application helps you set up certain features and preferences on your phone. Once your phone has been turned on and activated, you will see a Welcome message. You can then complete the Setup application.

Note: You may be able to complete the setup application before your phone has been activated on your Sprint account.

1. Once your phone is activated, you will see the Welcome screen. Tap **Start** to get started.
2. Follow the onscreen instructions to complete each section. For each topic, you will have an option to skip it and continue to the next screen.
   - **Make it Google** - Complete the steps to sign in to your current Google account, or tap **Get an account** to sign up for a new Google account right from your phone.
     - **Sign in** - Enter your Gmail address and password and tap **Sign in** to sign in to your current Google account.
     - **Get an account** - Follow the instructions to sign up for a new Google account. There will be screens to enter your first and last names, create an email address (Gmail), create a password, enter recovery information (including a backup email address and a recovery question in case you forget your Google account sign-in information), an option to join Google+, and an option to enable purchases on Google Play. Tap **Next** between each screen.

- **Backup** or **Backup and Restore** - Select your Google account backup settings. If you're signing in with an existing Google account, you can elect to restore your Google account information, such as apps, bookmarks, Wi-Fi passwords, and contacts, to your new Samsung Galaxy NOTE II. Tap **Next** to continue.
- **Use Google location** - Select your Google location options and tap **Next**.
- **This phone belongs to...** - If applicable, enter your first and last name and tap **Next**. This information is used by the phone to personalize some apps.

3. When you see the **Setup complete** screen, tap **Finish** to continue to the Dropbox screen.
4. From the Dropbox screen, select an option and follow the onscreen instructions.
   - **Create a new Dropbox account** - Tap to set up a Dropbox account to save your photos and videos to associated computers and to a Web-based storage area.
   - **I already have an account** - Tap to sign in to your current Dropbox account.
   - **No thanks** - Tap to skip the Dropbox setup screens.
5. Once you have completed the Dropbox screens, you may see a **Sprint Connections Optimizer** notice.
   - Read the notice and tap **I Agree** to allow your phone to automatically connect to available configured Wi-Fi networks.
   - Tap **Settings** and uncheck the **Sprint automatic connection** option if you do not wish to use the Sprint Connections Optimzer.
6. Your setup is now complete. Follow the onscreen instructions to learn about basic touch/tap menu navigation.

Set Up Voicemail

You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access. Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off.

1. Press Home [redacted] and tap . (If your screen is locked, press [redacted] (**Power** button) to turn on the display and then swipe your screen in any direction.) See Turn Your Screen On and Off.
2. Touch and hold to dial your voicemail number.
3. Follow the system prompts to:

- Create your password.
- Record your name announcement.
- Record your greeting.

Note: **Voicemail Password** – Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Sprint Account Information and Help

Find out about account passwords and information about managing your account and finding help.

Sprint Account Passwords

Manage Your Account

Sprint Support Services

Sprint Account Passwords

As a Sprint customer, you enjoy unlimited access to your personal account information, your voicemail account, and your data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

Account User Name and Password

If you are the account owner, you will create an account user name and password when you sign on to sprint.com. (Click **Sign in/Sign up** and then click **Sign up now!** to get started.) If you are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at sprint.com.

Voicemail Password

You'll create your voicemail password when you set up your voicemail. See Set Up Voicemail for more information on your voicemail password.

Data Services Password

With your Sprint phone, you may elect to set up an optional data services password to control access and authorize Premium Service purchases.

For more information, or to change your passwords, sign on to sprint.com or call Sprint Customer Service at **1-888-211-4727**.

Manage Your Account

Manage your Sprint account from your computer, your Sprint phone, or any other phone.

Online: sprint.com

- Access your account information.
- Check your minutes used (depending on your Sprint service plan).
- View and pay your bill.
- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint phones.
- View available Sprint service plans and options.
- Learn more about data services and other products like games, ring tones, screen savers, and more.

From Your Sprint Phone

1. Press [redacted] and tap .
2. Do any of the following:
   - Tap to check minute usage and account balance.
   - Tap to make a payment.
   - Tap to access Sprint Zone and a summary of your Sprint service plan or to get answers to other questions.

From Any Other Phone

- Sprint Customer Service: **1-888-211-4727**.
- Business Customer Service: **1-888-788-4727**.

Sprint Support Services

Sprint 411 and Sprint Operator Services let you easily access information and calling assistance from your Sprint phone.

Sprint 411

Sprint 411 gives you access to a variety of services and information, including residential, business, and government listings; movie listings or showtimes; driving directions, restaurant

reservations, and major local event information. You can get up to three pieces of information per call, and the operator can automatically connect your call at no additional charge.

There is a per-call charge to use Sprint 411, and you will be billed for airtime.

- Press [redacted] and tap , and then tap .

Sprint Operator Services

Sprint Operator Services provides assistance when you place collect calls or when you place calls billed to a local telephone calling card or third party.

- Press [redacted] and tap , and then tap .
  - For more information or to see the latest in products and services, visit us online at sprint.com.

Phone Basics

Your phone is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The following topics will introduce the basic functions and features of your phone.

Your Phone's Layout

Turn Your Phone On and Off

Turn Your Screen On and Off

Touchscreen Navigation

Customize the Home Screen

Status Bar

Enter Text

Your Phone's Layout

The following illustrations outline your phone's basic layout.

TBD

Key Functions

The following list defines the features listed in the above illustrations.

- **Status light** displays red when charging, green when fully charged, blue when powering up, and orange when a notification has arrived. Earpiece lets you hear the caller and automated prompts.
- **Earpiece** allows you to hear the caller.
- **Touchscreen** displays all the information needed to operate your phone, such as the call status, the Contacts list, and the date and time. Also provides one-touch access to all of your features and applications.
- **Menu Key** allows you to access your phone's main functions menu: **Edit**, **Create folder**, **Search**, and **Settings**. While in a menu, press to open a list of actions available from the current screen or onscreen option.
- **Home Key** returns you to the Home screen. Press and hold to open the recently used applications window.
- **Back Key** lets you return to the previous screen, or close a dialog box, options menu, the Notifications panel, or onscreen keyboard.
- **Self Camera Lens** allows you to take pictures and videos of yourself when you set the camera shooting mode to Self shot.
- **Proximity and Light Sensors** use the ambient light level to adjust keypad access. If the light path is blocked, for example, when holding the phone close to your ear, the touch screen will turn off.
    - While talking on the phone, the sensor detects talk activity and locks the keypad to prevent accidental key presses.
- **Flash** helps illuminate subjects in low-light environments when the camera is focusing and capturing a photo or video.
- **Power/Lock Button** lets you turn the phone on or off, turn the screen on or off, enable or disable data network mode or airplane mode, or restart the phone.
- **Camera** lets you take pictures and videos.
- **Mic** allows other callers to hear you when you are using the speakerphone.
- **Charger/Accessory Jack** allows you to connect the phone charger/USB cable (included).
- **Volume Buttons** allow you to adjust the ringtone or media volume or adjust the voice volume during a call.

- **Speaker** lets you hear the different ringtones and sounds. The speaker also lets you hear the caller's voice in speakerphone mode.
- **3.5 mm Headset Jack** allows you to plug in either a stereo headset or an optional headset for convenient, hands-free conversations.

CAUTION! Inserting an accessory into the incorrect jack may damage the phone.

Turn Your Phone On and Off

The instructions below explain how to turn your phone on and off.

Turn Your Phone On or Off

► Press and hold [redacted].

Your screen remains blank while your phone is off (unless the battery is charging).

Turn Your Screen On and Off

Your phone allows you to quickly turn the screen off when not in use and to turn it back on and unlock it when you need it.

Turn the Screen Off When Not in Use

► To quickly turn the screen off, press the **Power** button. Pressing the **Power** button again or receiving an incoming call will turn on your phone screen and show the lock screen.

To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone's screen is off.

Note: For information on how to adjust the time before the screen turns off, see Screen Timeout.

Turn the Screen On and Unlock It

1. To turn the screen on, press [redacted].
2. Swipe the screen in any direction to unlock the screen.
    - If you have set up a screen lock, you will be prompted to draw the pattern or enter the password or PIN. See Screen lock.

Touchscreen Navigation

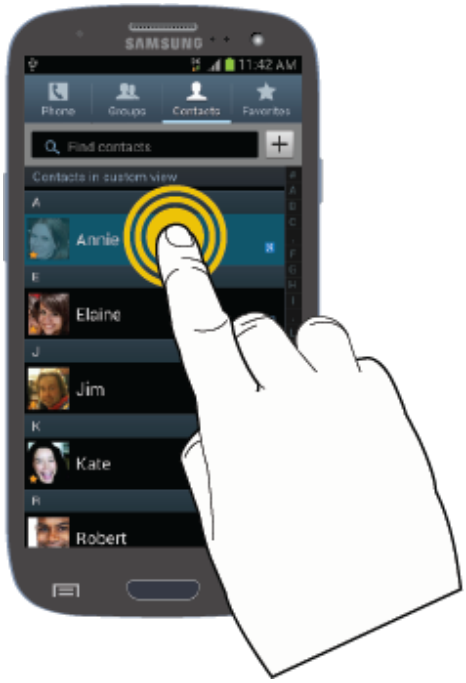
Your phone's touchscreen lets you control actions through a variety of touch gestures.

Tap

When you want to type using the onscreen keyboard, select items onscreen such as application and settings icons, or press onscreen buttons, simply tap them with your finger.

Touch and Hold

To open the available options for an item (for example, a contact or link in a Web page), touch and hold the item.



Swipe or Slide

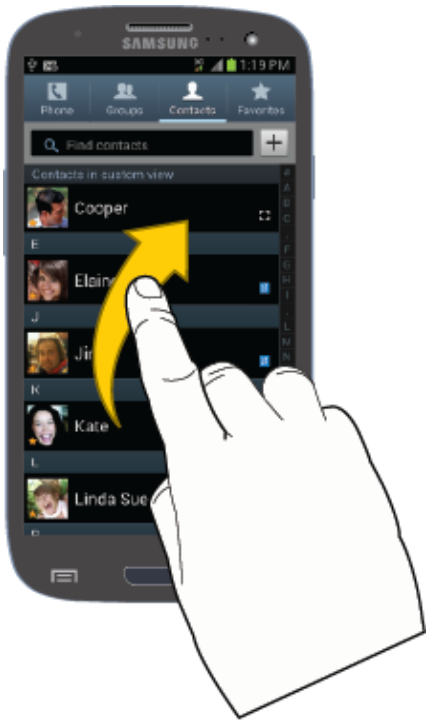
To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

Drag

To drag, touch and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.



Rotate

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard.

Note: The Auto-rotate check box needs to be selected for the screen orientation to automatically change. To make this selection, press [ ] > [ ] > **Settings** and tap **Display > Auto-rotate screen**. See Auto-rotate screen for more information.

Pinch and Spread

"Pinch" the screen using your thumb and forefinger to zoom out or "spread" the screen to zoom in when viewing a picture or a Web page. (Move fingers inward to zoom out and outward to zoom in.)

Tip: Pinching any Home screen will let you see thumbnails of all seven Home screens. Tap a thumbnail to go straight to another Home screen.

Your Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more. Your home screen extends beyond the initial screen. Swipe the screen left or right to display additional screens.

Note: Your phone's home screens cycle through so that you can keep swiping in one direction and make it back to the home screen. The small circles toward the bottom of the screen let you know your current screen position.

Tip: Press [redacted] to return to the main home screen from any other screen.

Creating Shortcuts

Learn how to add, move, or remove items from the home screen.

Adding Items from the Applications Menu

1. Press [redacted] to display the main Home screen.
2. Navigate to the desired Home Page and tap to display your current applications.
3. Scroll through the list and locate your desired application.
4. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the Applications tab.
5. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Adding Items from the Home screen

1. Press [redacted] to display the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold an empty area of the Home screen.
4. Tap **Add to Home screen** > **Apps** tab.
5. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the Applications tab.
6. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Deleting a Shortcut

1. Press [redacted] to display the main Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon down to the Delete icon and release it. As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the application, it simply removes the shortcut from the current screen.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the Apps shortcut. The primary shortcuts are the bottom row of app shortcuts that remain static on all home screens (by default Phone, Contacts, Messaging, Internet, and Apps).

Note: Before replacing a primary shortcut, you must first add the replacement shortcut to the Home Screen. For more information, see Creating Shortcuts.

1. Press [redacted] to display the main Home screen.
2. Touch and hold the primary shortcut you want to replace and then drag it to an empty space on any Home screen.
3. Scroll through the Home screen to find the shortcut you want to add as the new primary shortcut.
4. Touch and hold the new shortcut and then drag it to the empty space in the row of primary shortcuts.
5. The new primary shortcut will now appear on all Home screens.

Adding and Removing Widgets

Widgets are self-contained applications that reside either in your Widgets tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an onscreen application. Widgets can include Contacts shortcuts, bookmarks, Facebook status windows, Gmail and email accounts, and many other types of apps.

Adding a Widget

1. Press [redacted] to display the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold an empty area of the Home screen.
4. Tap **Add to Home screen** > **Apps** > **Widgets** tab**.**
5. Touch and hold an available Widget to position it on the current screen.

Removing a Widget

1. Press [redacted] to display the main Home screen.
2. Touch and hold the desired widget. This unlocks it from its location on the current screen.
3. Drag the widget down to the Delete icon and release it. As you place the widget into the Trash, both items turn red.

Note: This action does not delete the application, it simply removes it from the current screen

Extended Home Screens

In addition to the main home screen, your phone has six extended home screens to provide more space for adding icons, widgets, and more. Touch and hold the icon or widget and then drag across the screen to move from the main screen to an extended screen.

There are six extended screens in addition to the main Home screen.

Note: You cannot add more screens, unless you have previously deleted any of the existing screens. The maximum number of home screens is seven.

To go directly to a particular screen:

1. From any home screen, pinch the screen to display thumbnail images of all screens.

   - or -

   Press [redacted] > and tap **Edit**.

2. Tap the screen you want to open.

Recently Used Applications

You can access recently used applications through a display of shortcuts to the applications themselves.

1. Press and hold [redacted] from any screen to open the recently used applications window.
2. Tap an image to open the selected application.

Status Bar

The status bar at the top of the home screen provides phone and service status information on the right side and notification alerts on the left. To view notification alerts, touch and hold the status bar and drag it down.

Status Icons

Icon	Description
	Bluetooth® active
	GPS active

	Wi-Fi® active
	Vibrate
	Silence All
	Mute
	Speakerphone Active
	Network (full signal)
	Network (roaming)
	3G (data service)
	4G (data service)
	Airplane Mode
	Sync Active
	Alarm Set
	Battery (charging)
	Battery (full charge)

Notification Icons

Icon	Description
	Missed call
	New email
	New Gmail
	New message
	New voicemail

	Event
	USB connection
	Updates available
	Download complete
	Downloading
	Phone is connected to a PC using Kies air.
	Phone being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified device using the AllShare Play application.
	Phone is sharing/streaming media to paired device using the AllShare Play application.
	Samsung Account needs activation.
	Displays when Wi-Fi Direct is active and configured for a direct connection to another compatible device in the same direct communication mode.
	Phone is tethered via a supported USB cable connection.
	Keyboard active

Enter Text

You can type on your phone using the available touchscreen keyboards.

Touchscreen Keyboards

Text Input Methods

Tips for Editing Text

Touchscreen Keyboards

Touchscreen keyboard entry can be done in either Portrait or Landscape orientations. The Landscape orientation provides more space and results in slightly bigger onscreen keys. If you find that you prefer to enter text via the onscreen keyboard, and need bigger keys, use this orientation.

Selecting a Text Input Method

Some characters and types, such as some symbols and emoticons, are not accessible from the onscreen keyboard.

The Text Input Method can be assigned from within one of two locations:

Settings Menu:

► Press and tap > **Settings** > **Language and input** > **Default** and select an input method.

Text Input field:

1. From a screen where you can enter text, touch and drag down the Notifications area.
2. Tap (Select input method) and select an available input method.

Text Input Methods

There are three text input methods available: Google voice typing, Samsung keyboard, and T9 Trace.

- **Google voice typing**: provides a voice-to-text interface.
- **Samsung keyboard:** an onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **T9 Trace** (default): (as part of the Samsung keyboard and not shown as an input method), lets you enter letters and words by swiping across the onscreen keyboard. Instead of tapping each key, use your finger to trace over each letter of a word.

The onscreen QWERTY keyboard works the same in both portrait and landscape mode.

Assigning T9 Trace

When T9 Trace is enabled, the onscreen keyboard can be used to enter text by either tapping single letters or swiping across the onscreen keys.

1. Press and tap > **Settings** > **Language and input** > (adjacent to the Samsung keyboard field).
2. Tap **T9 Trace** to place a check mark next to T9 Trace. This turns T9 Trace on. Touching it again clears the check mark, turning T9 Trace off.

Assigning the Samsung Keyboard

This phone has a built-in, QWERTY keyboard which you can use to type letters, numbers, punctuation, and other characters.

To use the Samsung keyboard you must first configure the settings to default to the Samsung keyboard.

1. Press [redacted] and tap > **Settings** > **Language and input** > **Default** > **Samsung keyboard**.

   - or -

   From a screen where you can enter text, touch and drag down from the Notifications area then select (Select input method) > **Samsung keyboard**.

2. The virtual keyboard is then assigned to the Samsung keyboard configuration for all subsequent text input.

Note: Samsung keyboard is selected by default. Depending on your phone's configuration, there may not be another keyboard type available, although T9 Trace and Google voice typing may still be used.

Keyboard Input Options

With both T9 Trace and the Samsung Keyboard, it's easy to select input options such as ABC Mode, entering symbols and numbers, and changing letter case.

Changing the Text Input Mode

1. From a screen where you can enter text, tap the text input field to reveal the onscreen keyboard.
2. With Samsung keyboard as your text entry method, select one of the following text mode options:
   - **Abc** ABC: to use alphabetic characters from the onscreen keyboard. In this mode, the text mode button displays 123 Sym.
   - **Symbol/Numeric** 123 Sym: to enter numbers by tapping the numbers on the onscreen keyboard. In this mode, the text mode button displays ABC.
     There are up to 3 available pages of numeric symbols available by tapping 1/3.

Note: After typing an initial uppercase character, tap to toggle capitalization.

Icon	Description
	Displays when the next character is entered in lowercase.

	Displays when the first character of each word is entered as uppercase but all subsequent characters are lowercase.
	Displays when all characters will be entered as uppercase characters (shift-lock).

By default, the first letter of a new entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next space.

Using ABC Mode

1. From a screen where you can enter text, tap the text input field to reveal the onscreen keyboard.
2. Tap ABC to configure the keyboard for ABC mode. Once in this mode, the text input type shows 123 Sym.

Note: After typing an initial uppercase character, the key changes to and all letters that follow are in lowercase.

3. Enter your text using the onscreen keyboard.
   - If you make a mistake, tap to erase a single character. Touch and hold to erase an entire word.

Using Symbol/Numeric Mode

Use the Symbol/Numeric Mode to add numbers, symbols, or emoticons. While in this mode, the text mode key displays ABC.

1. From a screen where you can enter text, tap the text input field to reveal the onscreen keyboard. Rotate the phone counterclockwise to a landscape orientation, if desired.
2. Tap 123 Sym to configure the keyboard for Symbol mode. Once in this mode, the text input type shows ABC.
3. Tap a number, symbol, or emoticon character.
4. Tap ABC to return to ABC mode.

Entering Symbols

1. Tap 123 Sym to configure the keyboard for Symbol mode.
2. Tap the appropriate symbol key.

- or -

Tap 1/3 to cycle through additional pages.

- The first number on this key indicates which page (1, 2, or 3) of additional characters is active.

Text Entry Options

You can set your phone's text entry options through the main settings menu or through the options menu on your keyboard display.

1. Press [redacted] and tap > **Settings** > **Language and input** > (adjacent to the **Samsung keyboard** field)

   - or -

   From within an active text entry screen, tap from the bottom of the screen to reveal the **Samsung keyboard settings** screen.

2. Set any of the following options:

   - **Portrait keyboard types** allows you to choose a keyboard configuration (Qwerty [default] or 3x4 keyboard).
   - **Input language** sets the input language. Tap a language from the available list. The keyboard is updated to the selected language.
   - **Predictive text** enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Tap the ON/OFF slider to turn Predictive text on, and then tap **Predictive text** to access the advanced settings
   - **T9 Trace** allows you to type words by swiping or tracing between onscreen keys.
   - **Handwriting** enables the phone to recognize onscreen handwriting and convert it to text.
   - **Voice input** activates the Voice input feature. This feature uses Google's networked speech recognition application to convert voice input to text.
   - **Auto capitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
   - **Auto-punctuate** automatically inserts a period at the end of a sentence when you tap the space bar twice while using the onscreen QWERTY keyboard.
   - **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.

- **Key-tap vibration** enables vibration feedback when you tap an onscreen key.
- **Key-tap sound** enables auditory feedback when you tap an onscreen key.
- **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keyboard.
- **Reset settings** resets the keyboard settings back to their original configuration.

Predictive Text

The predictive text system provides next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

Configuring Predictive Text Options

Note: Only available when ABC mode is selected. Predictive text advanced settings are available only if the Predictive function is enabled.

1. Press [redacted] and tap > **Settings** > **Language and input** > (adjacent to the **Samsung keyboard** field).

   - or -

   From within an active text entry screen, tap from the bottom of the screen to reveal the **Samsung keyboard settings** screen.

2. With Predictive text enabled, tap **Predictive text** and configure any of the following advanced options:
   - **Word completion** tells your phone to attempt to predict how to complete the word you have started. (A green check mark indicates the feature is enabled.)
   - **Word completion point** sets how many letters should be entered before a word prediction is made. Choose from 2 letters, 3 letters, 4 letters, or 5 letters.
   - **Spell correction** enables the automatic correction of typographical errors by selecting from a list of possible words that reflect both the characters of the keys you touched, and those of nearby characters. (A green check mark indicates the feature is enabled.)
   - **Next word prediction** predicts the next word you are like to enter. (A green check mark indicates the feature is enabled.)
   - **Auto-append** automatically adds predictions to the word you are typing. (A green check mark indicates the feature is enabled.)

- **Auto-substitution** allows the phone to automatically recommend a set of alternative words when entering text. This option reduces “typos.” (A green check mark indicates the feature is enabled.)
- **Regional correction** automatically tries to correct errors caused when you tap keys adjacent to the correct keys. (A green check mark indicates the feature is enabled.
- **Recapture** sets the phone to redisplay the word suggestion list after selecting the wrong word from the list.
- **My words list** allows you to add new words to the built-in predictive text dictionary.
  - Tap .
  - Use the keyboard to enter the new word.
  - Tap **Done** to store the new word.
- **Auto-substitution list** allows you to create a word rule by adding words for automatic substitution during text entry (for example youve becomes you’ve).
  - Tap **Auto substitution list**. Flick up or down to review the current list of word substitutions.
  - Tap .
  - Enter the original word that will be replaced in the **Shortcut** field (for example, youve).
  - Enter the substitute word that will be used in the **Substitution** field (for example, you’ve).
  - Tap **Done** to save the substitution rule.

3. Tap to return to the previous screen.

Google Voice Typing

This feature uses Google voice recognition to convert your spoken words into onscreen text.

Configuring Google Voice Typing

1. Press and tap > **Settings** > **Language and input** > **Google voice typing**.

   - or -

   From a screen where you can enter text, touch and drag down from the Notifications area and then tap **Select input method** > **Google voice typing**.

2. The virtual keyboard is then removed and all subsequent input occurs via the microphone as text to speech.
3. Select a language by tapping at the bottom of the **Listening** area.
    - Tap **Add more languages** to assign a new language via the Google voice typing menu.
    - Removing the check mark from the **Automatic** field allows you to select additional languages.

Using Google Voice Typing

1. From a screen where you can enter text, touch and drag down from the Notifications area and then tap **Select input method** > **Google voice typing**.
2. Speak into the phone's microphone and watch your text being entered onscreen.
3. If the text is incorrect, tap **DELETE**.
4. Once you have completed entering your message, tap **Done**. The onscreen keyboard will reappear.

Tips for Editing Text

These tips allow you to cut or copy selected text and paste it into a separate selected area.

1. Touch and hold an active text entry field.
2. Scroll to the area of the message containing the desired text.
3. Double-tap the text.
4. Touch and drag one side of the slider across the screen and highlight the desired text. Any selected text will appear highlighted.
5. Tap an onscreen option from the Edit text menu bar:
    - **Select All** highlights all characters in the text message field.
    - **Cut** removes the selected text and saves it to the clipboard.
    - **Paste** inserts the clipboard text into the location of the cursor.

Cut
Select All
Paste
5:38 PM
Kate
Hi there!

Phone Calls

With the Sprint National Network and your phone's phone, you can enjoy clear calling across the country.

Make Phone Calls

Receive Phone Calls

Voicemail

Phone Call Options

Logs

Make Phone Calls

There are several convenient ways to place calls from your phone.

Call Using the Keypad

Call from Logs

Call from Contacts

Call a Number in a Text Message

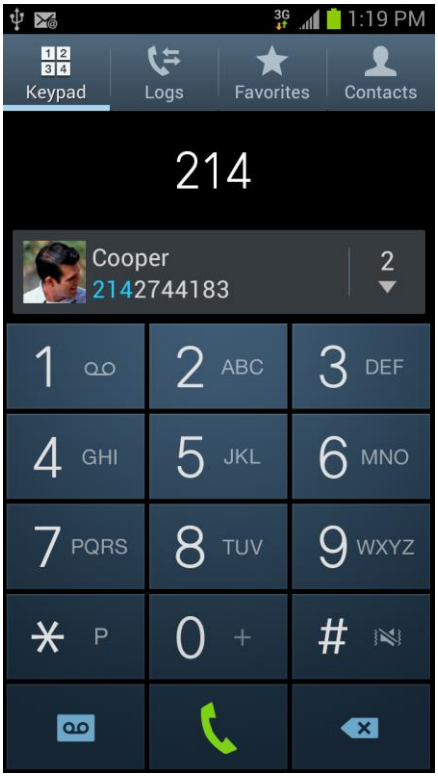
Email Message

Call Emergency Numbers

Call Using the Keypad

The most "traditional" way to place a call is by using the phone's dialer screen.

1. Press [redacted] and tap .
2. Tap the number keys on the dialpad to enter the phone number.
    - As you enter digits, Smart Dial searches for contacts that match. If you see the number you want to dial, tap it to place the call immediately without entering the rest of the number.



3. Tap to call the number.

4. To end the call, tap .

Call from Logs

All incoming, outgoing and missed calls are recorded in the Call log. You can place a call to numbers or contacts that display in this area.

1. Press and tap .

2. Tap the **Logs** tab. A list of recent calls displays.

3. Tap the phone icon to the right of a number or contact to place a call.

   - For additional options, tap the name or number.

Tip: You can also swipe the entry from left to right to place a call, or from right to left to send a message.

Call from Contacts

You can place calls directly from your Contacts list using either of the following procedures.

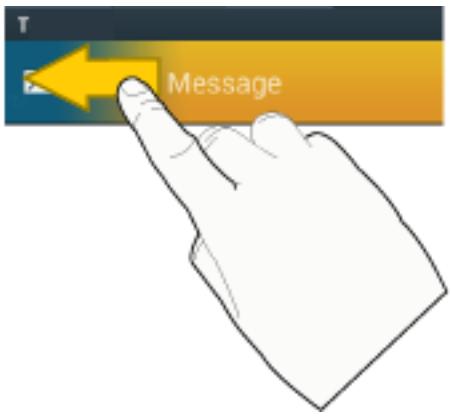
Tip: In addition to the procedure below, you can access Contacts directly from the Phone application. Tap and then tap the **Contacts** tab at the top of the screen.

1. Press and tap .
2. Tap the contact you want to call and then tap to place a call.
   - For additional information on Contacts, see Contacts.

- or -

1. Touch and hold the picture icon to the left of the contact or number.
2. Drag your finger from left to right across the entry.

Tip: You can also swipe the entry from right to left to send a text message.

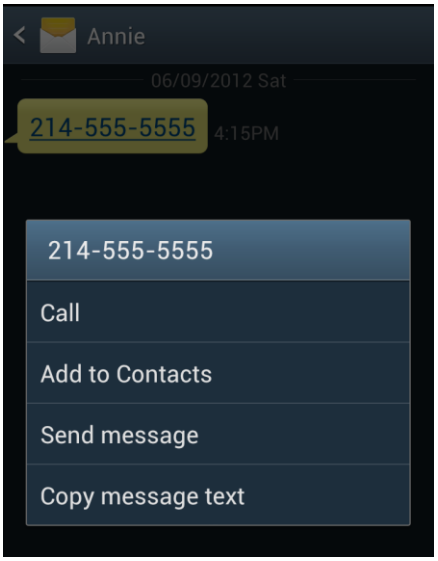


Call a Number in a Text Message

While viewing a text message, you can place a call to a number that is in the body of the message. For more information, see Text Messaging and MMS.

1. Press and tap .

2. Open the message with the phone number and then tap the phone number.



Tip: You can also call the number from with you received a text or MMS message. Tap the name at the top of the conversation and then tap a phone number. Depending on your motion settings, you may also be able to place a call simply by lifting the phone to your ear. See Motion Settings for details.

3. Tap **Call** to dial the number.

Call a Number in an Email Message

While viewing an email or Gmail message, you can place a call to a number that is in the body of the message.

1. Press [redacted] and tap or > .
2. Open the message with the phone number and then tap the phone number.
3. The Phone screen then opens, with the phone number automatically filled in and ready to be dialed. To place the call, tap .

Call Emergency Numbers

You can place calls to 911 even if the phone's screen is locked or your account is restricted.

To call the 911 emergency number when the phone's screen is locked with a screen lock:

1. Press [redacted] and tap .
2. Tap 9 1 1 .

To call the 911 emergency number normally or when your account is restricted:

1. Press [redacted] and tap .
2. Tap .

Enhanced 911 (E911) Information

This phone features an embedded Global Positioning System (GPS) chip necessary for utilizing E911 emergency location services where available.

When you place an emergency 911 call, the GPS feature of your phone seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

Important! Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs), may not be equipped to receive GPS location information from your phone.

Receive Phone Calls

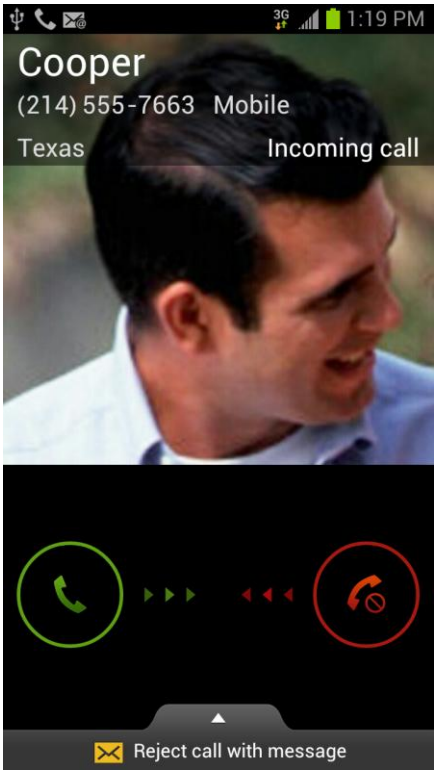
When you receive a phone call from a contact, the Incoming call screen appears and displays the caller ID icon, name, and phone number of the calling party. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming call screen.

Note: If your phone is turned off, all calls automatically go to voicemail.

Answer an Incoming Call

The following procedure shows you how to answer an incoming call.

- When the call comes in, touch and slide to the right to answer the call.



Mute the Ringing Sound

You can mute the ringtone without rejecting the call by doing either of the following.

- Press the volume button down.
- Place the phone face down on a level surface. See Motion Settings to display the settings required to mute incoming calls by turning over the phone.

Reject an Incoming Call

The following procedure shows you how to reject and incoming call.

► When the call comes in, touch and slide to the left.

Reject a Call with a Text Message

You can automatically reject an incoming call by sending a text message to the caller.

1. Touch and slide up **Reject call with message**.
2. Select an existing message and tap **Send**.

   - or -

► Tap **Create new message** to compose a new text message.

Voicemail (Traditional)

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access.

Set Up Voicemail Through the Phone App

Voicemail Notification

Retrieve Your Voicemail Messages

Set Up Voicemail Through the Phone App

The following steps will guide you through setting up your voicemail using the Phone app. For information about setting up voicemail using the Visual Voicemail app, see Set Up Visual Voicemail.

You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access. Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off.

1. Press Home and tap . (If your screen is locked, press (**Power** button) to turn on the display and then swipe your screen in any direction.) See Turn Your Screen On and Off.
2. Touch and hold to dial your voicemail number.
3. Follow the system prompts to:
   - Create your password.
   - Record your name announcement.
   - Record your greeting.

Note: **Voicemail Password** – Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Retrieve Your Voicemail Messages

You can access your voicemail by using the following process.

1. Press Home and tap .
2. Touch and hold to dial your voicemail number.

Note: If you previously set up Visual Voicemail, step 2 will launch that application, rather than direct you to the traditional means of voicemail retrieval. For more information, see Visual Voicemail.

3. When connected, follow the voice prompts from the voicemail center.

Voicemail Notification

There are several ways your phone alerts you to a new message.

- By sounding the assigned ringtone type.
- By displaying within the Notifications area of the Status bar when a single new unheard voicemail message is received.

Note: When you are roaming off the Nationwide Sprint Network, you may not receive notification of new voicemail messages. Sprint recommends that you periodically check your voicemail by dialing 1 + area code + your wireless phone number. When your voicemail answers, tap and enter your password. Roaming rates apply when you access voicemail while roaming off the Nationwide Sprint Network.

Note: Your phone accepts messages even when it is turned off. However, your phone notifies you of new messages only when it is turned on and you are in a Sprint service area.

Visual Voicemail

Visual Voicemail gives you a quick and easy way to access your voicemail. Now you can find exactly the message you are looking for without having to listen to every voicemail message first. This new feature periodically goes out to your voicemail, and gathers the caller information from all of the current voicemails. It then populates a list with the caller name and number, along with the length of time and priority level of the voicemail message.

Set Up Visual Voicemail

Review Visual Voicemail

Listen to Multiple Voicemail Messages

Configure Visual Voicemail Options

Configure Visual Voicemail Settings

Automatically Enable the Speakerphone

Change Your Main Greeting via the Voicemail Menu

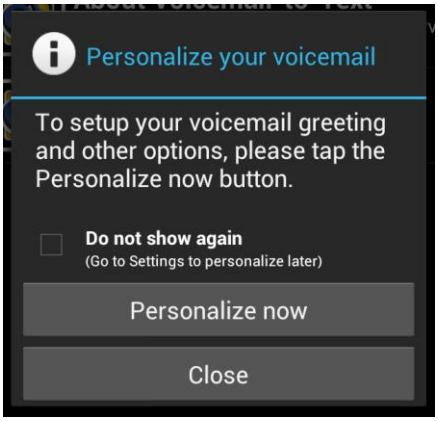
Edit the From Name via the Voicemail Menu

Set Up Visual Voicemail

Setting up Visual Voicemail follows many of the same procedures as setting up traditional Sprint voicemail. You should set up your Sprint voicemail and personal greeting as soon as your phone is activated. Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. For traditional voicemail setup through the Phone app, see Set Up Voicemail Through the Phone App.

1. Press [redacted] and tap > . The first time you access the Voicemail app, you will see a "Personalize your voicemail" prompt.

2. Tap **Personalize now** to access the voicemail setup program.



3. Follow the system prompts to:

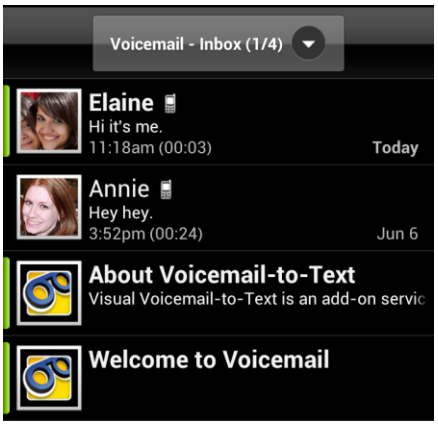
   - Create your password.
   - Record your name announcement.
   - Record your greeting.

Important! **Voicemail Password** – Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Review Visual Voicemail

Visual Voicemail lets you easily access and select which messages you want to review.

1. Press [redacted] and tap > .



2. Touch a message to review it. The following is a description of the features available while reviewing a voicemail message.

Note: Touch > **Lock** to prevent the message from accidentally being deleted.

- **Call** to call the person who left the voicemail message.
- **Reply** to reply to the message. You can then reply to the sender or forward it to anyone with either an email or phone number. This allows you to send this voicemail message to several recipients at the same time. You can tag the reply message for both Urgency and Privacy.
  - Touch **Send** to deliver the new message.
- **Speaker Off/On** to turn the speakerphone on or off during playback. If the speakerphone feature was enabled within the Voicemail Settings menu, the speakerphone will always be automatically enabled during voicemail playback.
- **Delete** to delete the current voicemail message. The message is moved to the **Deleted** folder.

Listen to Multiple Voicemail Messages

When you are done listening to a voicemail message you can easily access other voicemail messages without returning to the main voicemail screen.

1. Listen to the current voicemail message.
2. Swipe your finger left or right to display the next or previous message. (It will begin playing automatically.)

You can navigate through voicemail messages as frequently as you'd like. You can even move to the next or previous message before you're finished listening to the current one.

Configure Visual Voicemail Options

Use the Menu button to access and configure your Visual Voicemail options.

1. Press and tap > .
2. Touch and select from the following:
   - **Compose** to compose a new voicemail message.
   - **Subscribe** to subscribe to the Voice-to-Text transcription service.
   - **Move to SD** to move one or more of your messages to your phone's SD card.
   - **Play all new** to listen to all new messages.
   - **Delete** to delete selected messages from your current list of available voicemail messages.
   - **Search** to search through voicemail messages for keywords.
   - **Settings** to configure your voicemail application settings.

Access a Voicemail Message's Options

1. Press and tap > .
2. Touch a voicemail message and touch and select from the following:
   - **Lock/Unlock** to prevent deletion of the selected voicemail message.
   - **Reply** to reply to the voicemail. You can then reply to the sender or forward it to anyone with either an email or phone number. This allows you to send this voicemail message to several recipients at the same time.
   - **Forward** to forward the voicemail to another recipient.
   - **Subscribe** to subscribe to the Voice-to-Text transcription service.

Configure Visual Voicemail Settings

The Visual Voicemail settings menu lets you access settings for notifications, pictures, greetings, and more.

1. Press and tap > .
2. Touch > **Settings**. From this menu, you can:
   - Touch **Voicemail-to-text** to subscribe to monthly transcriptions. If you are using the free trial, the number of days remaining on your free trail are shown.
   - Touch **Data consent agreement** to agree to the Data collection consent content.

- Touch **Personalize voicemail** to change your voicemail greeting for incoming calls and update your password. See Change Your Main Greeting via the Voicemail Menu.
- Touch **Notifications** to determine how you are notified of new voicemails. Choose from: **Notifications**, **Select ringtone**, and **Vibrate**.
- Touch **Inbox sort order** to change the order that your messages display.
- Touch **Pictures** to replace the default Visual Voicemail message icon with a specific Contacts entry's image. This image is pulled from the entry's Contacts details.
- Touch **Playback screen** to configure the display of transcribed text, including font size.
- Touch **Speakerphone** to automatically activate the speakerphone when you review your Visual Voicemail. See Automatically Enable the Speakerphone.
- Touch **Display name** to enter a name or number that is attached to your outgoing voicemails as part of an identification string. See Edit the From Name via the Voicemail Menu.
- Touch **Auto forward to email** to automatically send a copy of each voicemail to your email address. (This option is only available if you subscribe to the Voicemail-to-Text service.)
- Touch **Check for update** to search for an upgrade to your Visual message software.
- Touch **Help** to access Sprint Visual Voicemail Help.
- Touch **About Voicemail** to view build information about the current visual voicemail application.

Automatically Enable the Speakerphone

Every time you access a selected message from your Visual Voicemail list, you can configure the phone to automatically launch the built-in speakerphone so that you can clearly hear the message.

1. Press and tap > .
2. Touch > **Settings** to make your alterations.
3. Touch **Speakerphone** to activate the feature. You will see a blue checkmark on the right.
4. Touch **Speakerphone** again to deactivate the speakerphone. The checkmark will be cleared.

Change Your Main Greeting via the Voicemail Menu

Your main greeting can be changed directly via the Visual Voicemail system. This direct access saves you from having to navigate within the voicemail menu.

1. Press [redacted] and tap > .
2. Touch > **Settings** > **Personalize voicemail**.
3. Touch **OK** to connect to the Sprint voicemail system. Follow the prompts to change your current greeting.

Edit the From Name via the Voicemail Menu

From your Visual Voicemail menu, you can quickly change the name or number attached to your voice messages.

1. Press [redacted] and tap > .
2. Touch > **Settings** > **Display name**.
3. Touch the existing identification field and enter a new identifying name or number (used to identify you to recipients of your voice messages).
4. Touch **OK** to save your information.

Phone Call Options

Your phone application provides many useful features and options to help you make the most of your calling experience.

Dialing Options

Caller ID

Call Waiting

3-way Calling

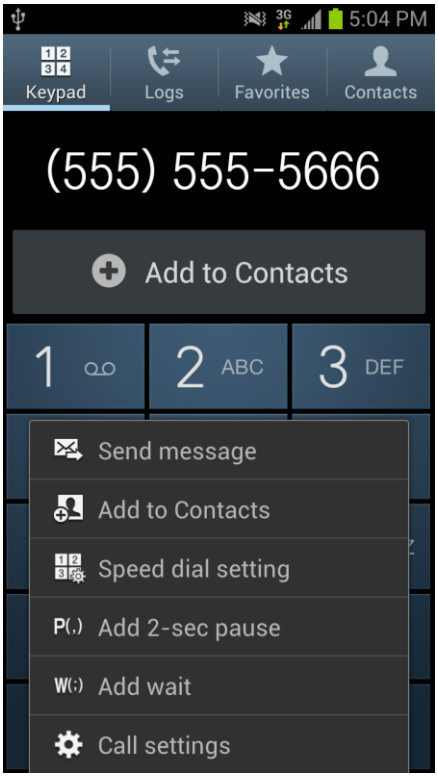
Call Forwarding

In-call Options

Speed Dialing

Dialing Options

► Tap while dialing a call to display a list of options. Tap an option to select it.



- **Send message** to send a text message to the entry.
- **Add to Contacts** to add the entered number into your Contacts list. See Add a Contact for more information.
- **Speed dial setting** to display the contacts assigned to numbers 2 through 100. The number 1 is reserved for Voicemail.
- **Add 2-sec pause** to add a 2-second pause to the number you are dialing.
- **Add wait** to add a pause to the calling sequence until you tap a key to continue.
- **Call settings** to display the Call settings menu. For more information, see Call Settings.

Caller ID

Caller ID identifies a caller before you answer the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. Press [redacted] and tap .
2. Tap the **Keypad** tab to display the onscreen dialer.
3. Tap [redacted] 6 [redacted] 7 [redacted].

1. Enter a phone number and then tap .

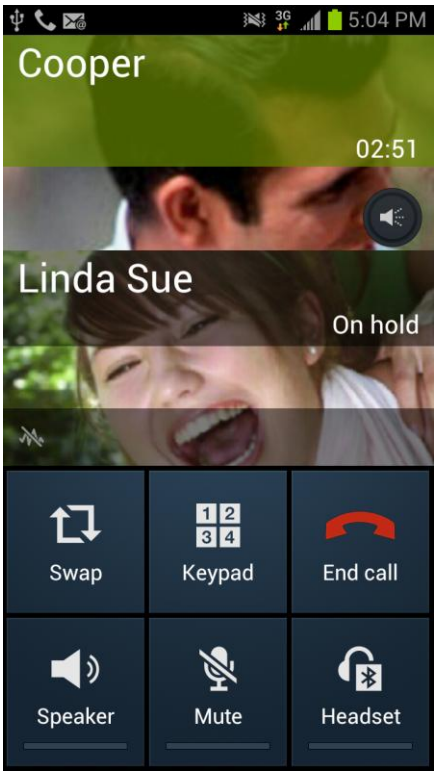
To permanently block your number, call Sprint Customer Service.

Call Waiting

When you're on a call, Call Waiting alerts you to incoming calls by sounding a tone. Your phone's screen informs you that another call is coming in and displays the caller's phone number (if it is available).

To respond to an incoming call while you're on a call:

1. Slide to the right. (This puts the first caller on hold and answers the second call.)



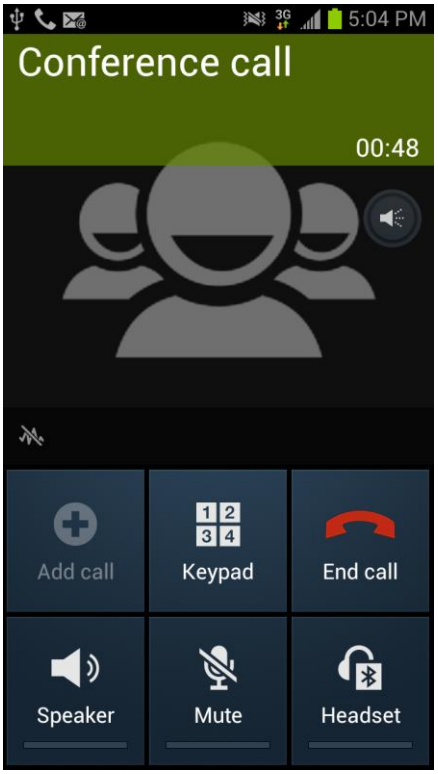
2. To switch back to the first caller, tap **Swap**.

3-way Calling

With 3-Way Calling (also known as Conference calling), you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

1. On the Phone screen, enter a number and tap .
2. Once you have established the connection, tap **Add call** and dial the second number. (This puts the first caller on hold and dials the second number.)

3. When you're connected to the second party, tap **Merge**.



If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

4. To end the three-way call, tap .

Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when you have activated Call Forwarding.

Note: You are charged a higher rate for calls you have forwarded.

To activate Call Forwarding:

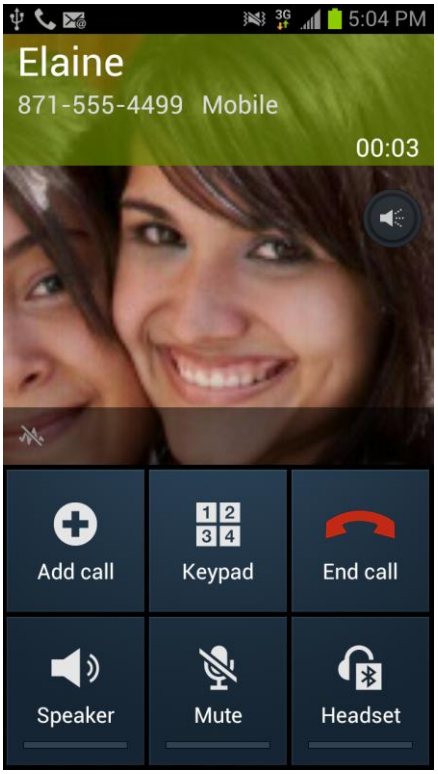
1. Press [redacted] and tap .
2. Tap .
3. Enter the area code and phone number to which you want your calls forwarded.
4. Tap . (You will hear a tone to confirm the activation of Call Forwarding.)

To deactivate Call Forwarding:

1. Press [redacted] and tap .
2. Tap .
3. Tap . (You will see a message and hear a tone to confirm the deactivation.)

In-call Options

While you're on a call, you will see a number of onscreen options. Tap an option to select it.



- **Add call**: displays the dialer so you can call another person.
- **Keypad**: displays the onscreen keypad, where you can enter numbers using DTMF (Dual Tone Multi-Frequency). This is especially helpful if you need to enter an access code or other information while on an active call.
- **End call**: terminates the call.
- **Speaker**: routes the phone's audio either through the speaker or through the earpiece.
  - Tap **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line will appear under the Speaker button.
  - Tap **Speaker** again to use the phone's earpiece. The green line will disappear when Speaker is not activated.

Warning! Because of higher volume levels, do not place the phone near your ear during speakerphone use.

- **Mute/Unmute**: turns the onboard microphone either on or off.
  - Tap **Mute** during a call to mute the microphone. A green line will appear under the Mute button.
  - Tap **Mute** again to unmute the microphone. The green line will disappear when Mute is not activated.

Note: If Mute is activated, the speaker mode is deactivated.

- **Headset**: connects to a Bluetooth headset.
  - Tap **Headset** during a call to activate a Bluetooth headset. A green line will appear under the Headset button.
  - Tap **Headset** again to de-activate the Bluetooth headset. The green line will disappear when the Headset is not activated.
- Tap for more options:
  - **Contacts**: allows you to go to your Contact list.
  - **Memo**: allows you to jot down a memo during a call.
  - **Noise reduction On/Off**: allows you to turn on the **Noise reduction** feature when you are in a noisy area. Turn it Off when not needed to conserve battery power.
  - **In-call sound EQ**: allows you to configure the audio equalizer used during an active call. Choose from **Off**, **Soft sound**, **Clear sound**, **Optimized for left ear**, or **Optimized for right ear**.

Speed Dialing

You can assign a shortcut number to a phone number in your Contacts List for speed dialing. There are one hundred available numbered spaces. The number 1 is reserved for Voicemail.

Assigning Speed Dial Numbers

1. Press and tap .

   - or -

   Press and tap .
2. Tap > **Speed dial setting**.
3. Tap an unused space and the **Select contact** screen displays.
4. Select a contact to assign to the number. The selected contact number will display in the speed dial number box.

Removing Speed Dial Numbers

1. To remove a speed dial number, from the speed dial list tap to display the Speed Dial sub-menu.
2. Tap **Remove**.

3. Tap the red X next to the speed dial entries you want to remove.
4. Tap to return to the speed dial setting screen.

Editing Speed Dial Numbers

1. To change the order of a speed dial entry, from the speed dial list, tap to display the Speed Dial sub-menu.
2. Tap **Change order**.
3. Tap the entry you want to move. This will highlight the entry.
4. Tap an unassigned space. (For example, if you select an entry in space 12, and space 8 shows "Not assigned," you can tap space 8 to move the entry.)
5. Tap to return to the speed dial setting screen.

Making a Call Using a Speed Dial Number

1. To make a call using Speed Dial, press [redacted] and tap .
6. Touch and hold the speed dial number. If the number is more than two digits, tap the first digit(s) and then touch and hold the final digit.

Logs

The Logs tab of the Phone application lists all recent incoming, outgoing, and missed calls.

View Logs

Logs Options

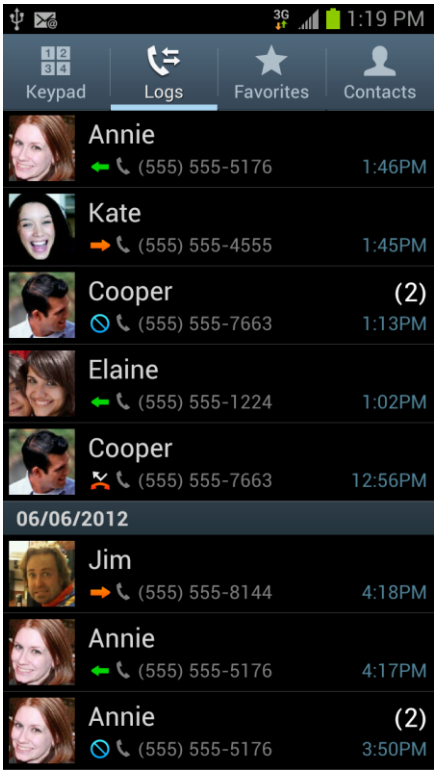
Clear Logs

Call Duration

View Logs

The following procedures will guide you through viewing your call logs list.

1. Press [redacted] and tap .
2. Tap the **Logs** tab to display the Logs list.



- To change the Logs view, tap > **View by**. Tap **All calls**, **Missed calls**, **Dialed calls**, **Received calls,** or **Rejected calls** to filter the list.

Logs Options

The following procedures will guide you through accessing and understanding your call log options.

- To make a call from Logs, see Call from Logs.

For additional options:

1. Press and tap .
2. Tap the **Logs** tab to display the Logs list.
3. Touch and hold a listing to display the options list.
   - **Call [number]**
   - **Send message**
   - **Edit number before call**
   - **Send number**
   - **Add to Contacts/View contact**

- **Add to reject list**
- **Delete**

Clear Logs

Follow these steps to clear the Logs list.

1. Press [redacted] and tap .
2. Tap the **Logs** tab to display the Logs list.
3. Tap > **Delete**.
4. Tap **Select all** or tap individual entries to select them.
5. Tap **Delete** and then tap **OK** to confirm.

Call Duration

You can use the Logs list to view your call duration. Please note that times are approximate and should not be used for billing purposes.

1. Press [redacted] and tap .
2. Tap the **Logs** tab to display the Logs list.
3. Tap > **Call duration**.

Within the Call duration screen, you can view the total duration of the following:

- **Last call**
- **Dialed calls**
- **Received calls**
- **All calls** (total amount of call times)

Settings

The following topics provide an overview of items you can change using your phone's Settings menus.

Wi-Fi Settings

Bluetooth Settings

Data Usage Settings

More Settings

Call Settings

Sound Settings

Display settings

Wallpaper Settings

LED Indicator Settings

Motion Settings

Power Saving Settings

Storage Settings

Battery Settings

Application Manager

Accounts and Sync Settings

Location Services Settings

Security Settings

Language and Input Settings

Back Up and Reset Settings

Dock Settings

Date and Time Settings

Accessibility Settings

Developer Options Settings

Activate This Device

System Update Settings

About Device

Wi-Fi Settings

This group of settings lets you control your phone's wireless network settings (3G and 4G), Wi-Fi settings, Bluetooth, roaming, and more.

Your phone lets you take advantage of Wi-Fi for high-speed data access using available computer networks. For details on your phone's Wi-Fi features and settings, see Wi-Fi.

► Press [redacted] and tap > **Settings** > **Wi-Fi**. The On/Off slider displays ON when Wi-Fi is active.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. Press [redacted] and tap > **Settings** > **Wi-Fi**.
2. Tap **Advanced**.

The following options are available:

- **Network notification**: alerts you when a new open network is available.
- **Keep Wi-Fi on during sleep**: allows you to specify when to disconnect from Wi-Fi.
- **Wi-Fi frequency band**: allows you to specify the frequency range of operation. Choose from Auto, 5GHz only, or 2.4 GHz only.
- **Wi-Fi timer**: allows you to select the amount of time that Wi-Fi is enabled.
- **MAC address**: view your phone's MAC address, required when connecting to some secured networks (not configurable).
- **IP address**: view your phone's IP address.

Bluetooth Settings

Your phone's Bluetooth capabilities let you use wireless headsets to send and receive pictures and files, and more. For details on your phone's Bluetooth settings, see The Bluetooth Settings Menu.

Data Usage Settings

From this screen you can view the Mobile or Wi-Fi data usage. By default, only the mobile data usage displays.

1. Press [redacted] and tap >**Settings** > **Data usage**.
2. Tap the ON/OFF slider, located to the right of the Mobile data field, to turn Mobile data usage ON [redacted] ON.
3. Tap **Set mobile data limit** to disable a data connection when a certain level is reached.
4. Tap the **Data usage cycle** drop-down menu and select a date.

   The data usage displays as a visual (chart) and displays a list of each application with a breakdown of how many MB were used per application.

5. Tap . From this menu, you can:

   - Tap **Data roaming** to allow data roaming. For details on your phone's Roaming capabilities, see Roaming.
   - Tap **Restrict background data** to enable background data restrictions. You can only enable this feature if you have set mobile data limits. Tap **Set mobile data limit** to add a checkmark and activate the feature.
   - Tap **Show Wi-Fi usage** to display the Wi-Fi tab. The data usage displays as a visual (chart) with a list of each application with a breakdown of how many MB were used per application.

Note: Data is measured by your phone. Your service provider may account for data usage differently.

More Settings

The **More settings** menu provides additional wireless and network options.

Airplane Mode

Kies via Wi-Fi®

VPN

Tethering

NFC

Android Beam

S Beam

Wi-Fi Direct

Nearby Devices

Mobile Networks

Roaming

Airplane Mode

Airplane Mode allows you to use many of your phone's features, such as Gallery, Camera, and Music, when you are on an airplane or in any other area where making or receiving calls or data is prohibited. When you set your phone to Airplane mode, it cannot send or receive any calls or access online information.

To turn Airplane Mode on or off:

1. Press [redacted] > and tap **Settings** > **More settings**.
2. Select the **Airplane mode** check box and touch **OK**.
3. Tap . While in Airplane mode, the status bar will display .

Shortcut: You can also turn Airplane Mode on or off from the notifications panel. Slide the panel down and scroll to and tap **Airplane mode** to turn it on or off.

Kies via Wi-Fi®

Samsung Kies via Wi-Fi is software that enables you to update your phone firmware, synchronize files, and transfer data to and from your phone directly by connecting to your PC, Mac OS®, or Linux® OS. For more information, see Kies Air.

Note: If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer. Also, ensure that you have Samsung Kies 2.0 or Windows Media Player 10 or higher installed on your computer.

Access Kies via Wi-Fi

1. Press [redacted] > and tap **Settings** > **More settings**.
2. Tap **Kies via Wi-Fi** and then touch **OK**.
3. From your phone, connect to the same Wi-Fi network that your PC is connected to if you have not already done so. For more information, see Turn Wi-Fi On and Connect to a Wireless Network.

Using Samsung Kies with a PC

To connect Samsung Kies to your PC:

1. Install Samsung Kies software on your PC.
2. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.

Note: PC connection is only available in idle mode. Press [redacted], if necessary.

3. Run Samsung Kies and follow the prompts to update your phone firmware.
4. Refer to Samsung Kies Help for more information.

Using Samsung Kies with a Mac

To connect your SD Card using a Mac OS:

1. Access www.android.com/filetransfer and follow the installation instructions.
2. Double-click the Android File Transfer application.

Note: After initially running the application, it will automatically display each time you connect your phone to the computer.

3. Connect the USB cable from your phone to your computer. A window will display your phone contents.
4. To transfer files via MTP, pull down the task bar and select **Connect as a Media Device**.

   - or -

   To transfer via PTP, pull down the task bar and select **Connect as a Camera**.

Note: The Phone and Card tabs are for phones with both internal and removable storage.

5. Drag and drop items to your phone. Items are stored in the root directory (i.e., the main directory within no additional folder paths).

Using Samsung Kies with Linux

To connect your SD Card using a Linux OS:

Note: PTP is integrated into many Linux builds. However, in order to use MTP, you need to install the mtpfs or adbfs applications on your distribution. Please consult your Linux distribution for these packages. Once installed, you can mount the file system using the following procedures.

mtpfs

1. Disable USB debugging (if enabled). For more information, refer to Developer Options Settings.
2. Connect the USB cable from your phone to your computer.
   - $ Mkdir ~/mtp/
   - $ Mount.mtpfs ~/mtp/

You can now access your files from ~/mtp/.

adbfs

1. After adbfs is compiled, enable USB debugging (if disabled). For more information, refer to Developer Options Settings.
2. Connect the USB cable to your computer.
3. Mount the phone using the following command:
   - $ adbfs /media/android –o modules-subdir –o subdir=/mnt/sdcard

VPN

If you want to send and receive email messages through an ISP (Internet Service Provider) account (such as Outlook), or if you wish to use your phone to access your corporate email through a VPN (Virtual Private Network), you will first need to set up an IMAP or POP account.

Before you add a VPN you must determine which VPN protocol to use: **PPTP**, **L2TP/IPSec PSK**, **L2TP/IPSec RSA**, **IPSec Xauth PSK**, **IPSec Xauth RSA**, or **IPSec Hybrid RSA**.

Note: You must configure a PIN or alphanumeric password before using credential storage functions.

1. Press [redacted] > and tap **Settings** > **More settings**.

2. Tap VPN > Add VPN network.
3. Enter a name for the VPN network in the **Name** field.
4. Select a VPN type from the **Type** drop-down menu. The options are:
   - PPTP (Point-to-Point Tunneling Protocol)
   - L2TP/IPSec PSK (Layer 2 Tunneling Protocol / Internet Protocol Security Pre-Shared Key)
   - L2TP/IPSec RSA
   - IPSec Xauth PSK
   - IPSec Xauth RSA
   - IPSec Hybrid RSA
5. Enter the Server address and any other required fields that are dependent upon the **Type** you entered previously.
6. Tap the **Show advanced options** check box to display additional VPN options.
7. Tap **Save** to save your VPN settings.

Tethering

Tethered Mode allows your computer to obtain an external data connection by using the phone's wireless data services and a wired USB connection or a separate Bluetooth connection.

Important! If you are using your phone for Tethering, you may be prompted for additional drivers. The Samsung Mobile Driver for the SPH - XXXX contains the ADB, CDMA, & LTE drivers that are required for using either Tethering (Phone as a Modem) or development tools.

Before attempting a tethered connection:

- Go to www.samsung.com and visit the SPH-XXXX Product page, where you can navigate to the Download Center to obtain this driver.
- The online FAQ also provide detailed information about this driver.
- A wireless data connection can be made by using the phone's Sprint Hotspot feature.

To activate USB tethering:

1. Press > and tap **Settings** > **More settings**.

2. Tap **Tethering** > **USB tethering** to add a checkmark and activate the feature. While in USB tethering, the status bar will display .

Note: The **USB tethering** option is only available when the phone is connected to the computer. Otherwise, it is grayed out.

To activate Bluetooth tethering:

1. Press [redacted] > and tap **Settings** > **More settings**.
2. Tap **Tethering** > **Bluetooth tethering** to add a checkmark and activate the feature. The USB tethering icon displays at the top of your screen.

To access help:

1. Press [redacted] > and tap **Settings** > **More settings**.
2. Tap **Tethering** > **Help**.

NFC

NFC (Near Field Communication) allows data exchange when you touch your phone with another compatible device. This is used for applications such as Android Beam and S Beam.

To activate NFC:

1. Press [redacted] > and tap **Settings** > **More settings**.
2. Tap NFC to create a checkmark and activate the feature.

Android Beam

When Android Beam is activated, you can beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. Press [redacted] > and tap **Settings** > **More settings** > **Android Beam**.
2. Tap the ON/OFF slider to turn Android Beam on .
3. Touch the back of your phone with another NFC-capable device to transfer content.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your gallery, music files from your music player, and more.

1. Press [redacted] > and tap **Settings** > **More settings** > **S Beam**.

2. Tap the ON/OFF slider to turn S Beam on .
3. Touch the back of your phone with another NFC-capable device to transfer content.

Wi-Fi Direct

Wi-Fi Direct allows phone-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Activate a Connection

1. Press > and tap **Settings** > **More settings**.
2. Tap the ON/OFF slider to turn Wi-Fi direct on .
3. Tap **Wi-Fi Direct** to set up a peer-to-peer connection over Wi-Fi. While in **Wi-Fi Direct** mode, the status bar will display .

Note: The target device must also have Wi-Fi Direct service active and running before it can be detected by your device.

Assign a Unique Name

1. Press > and tap **Settings** > **More settings** > **Wi-Fi Direct**.
2. Tap > **Device name.**
3. Modify the current name and then tap **OK**.

Nearby Devices

This option allows you to share your media files with nearby devices using DLNA.

1. Press > and tap **Settings** > **More settings** > **Nearby devices**.
2. Verify Wi-Fi Direct is enabled and you are paired with the device you wish to detect and share content with.
3. Tap the ON/OFF slider to turn File sharing on .
4. At the Nearby devices prompt, tap **OK**.
5. Tap **Shared contents** and then check the media you would like to share. Tap **OK**.
6. Tap **Device name** and then use the onscreen keyboard to change the name shown to others. Tap **Save**.

7. Tap **Access control** and then tap what devices are allowed access. Choose from **Allow all** or **Only allowed devices**. The allowed devices are configured in the following Allowed devices list.
8. Tap **Allowed devices list** and then select the connected devices you would like to allow.
9. Tap **Not-allowed devices list** and then select the connected devices you would like to exclude.
10. Tap **Download to** and then select the destination of any downloaded (shared) content. Choose from **USB storage** (phone) or **SD card**.
11. Tap **Upload from other devices** and then select the actions you'll take when you upload content from other devices. Choose from either **Always accept**, **Always ask**, or **Always reject**.

Mobile Networks

Before you use applications such as Google Maps to find your location or search for places of interest, you must enable the Mobile networks options.

Use Packet Data

1. Press [redacted] > and tap **Settings** > **More settings** > **Mobile networks**.
2. Tap **Use packet data** to create a checkmark and activate the feature.

Network mode

1. Press [redacted] > and tap **Settings** > **More settings** > **Mobile networks** > **Network mode**.
2. Tap your preferred network mode. Choose from **LTE/CDMA** or **CDMA**.

Automatic Connections

1. Press [redacted] > and tap **Settings** > **More settings** > **Mobile networks** > **Automatic Connections**.
2. Tap **Sprint Automatic connection** to automatically find and connect to the Sprint 4G Network and "remembered" Wi-Fi networks on your phone.

Roaming

Your roaming settings allow you to connect to your service provider's partner networks and access voice and data services when you are out of your service provider's area of coverage.

Roaming Network

1. Press [redacted] > [redacted] and tap **Settings** > **More settings**.
2. Tap **Roaming** > **Roaming network**. Choose from the following:
   - **Sprint Only** to access only the home area mobile network, which is the Nationwide Sprint Network. This option also prevents roaming on other networks.
   - **Automatic** to seek service on the Nationwide Sprint Network. When Sprint service is unavailable, the device searches for an alternate system.

Roaming Settings

1. Press [redacted] > [redacted] and tap **Settings** > **More settings**.
2. Tap **Roaming** > **Roaming settings** and select your roaming options.
   - Under **Domestic**, select or deselect **Voice** or **Data**.
   - Under **International**, select or deselect **Voice** or **Data**.

Roaming Guard

1. Press [redacted] > [redacted] and tap **Settings** > **More settings**.
2. Tap **Roaming** > **Roaming guard**. Choose from the following:
   - Under **Domestic**, select or deselect **Voice** or **Data**.
   - Under **International**, select or deselect **Voice**, **Data**, or **Outgoing SMS**.

Call Settings

Your phone's Call Settings menu lets you configure your voicemail options and a number of other settings for the phone application.

Call Rejection

The Call Rejection feature allows you to categorize both known and unknown callers as rejected contacts. These Contacts are then added to you Rejection list which can be managed for individual entries from within the Contacts list or as a whole from the Call rejection screen.

1. Press [redacted], tap [redacted], and then tap [redacted] > **Call settings**.
2. Tap **Call rejection** > **Auto reject mode** to enable your phone to reject calls. The ON/OFF slider displays ON [redacted] ON when **Auto reject mode** is active.
3. Tap **Auto reject list** > **Create** to manually add numbers to the call rejection list.

4. Tap **Unavailable** to create a checkmark and automatically reject all unknown calls.

Set Reject Messages

The Set Reject Messages feature allows you to both manage existing rejection messages and create new ones.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Set reject messages** > **Create** to enter a unique reject message.

   - or -

   Tap **Set reject messages** and tap one of the pre-written messages to edit the text.
3. Tap **Save**.

Call Alert

Call alert allows you to assign call alert tones and activate call alerts and vibration.

1. Press [redacted], tap , and then tap > **Call settings** > **Call alert**.
2. Tap **Call vibrations** to enable your call vibration options (**Vibrate on connection to network** and **Call-end vibration**).
3. Tap **Call status tones** to set your sound options and then tap **OK**.
4. The following options are available:
   - **Call connect tone**
   - **Minute minder**
   - **Call end tone**
5. Tap **Alerts on call** to select whether or not alarm and message notifications will occur during calls.

Call Answering/Ending

The Call Answering/Ending feature allows you to manage the settings for answering and ending calls.

1. Press [redacted], tap , and then tap > **Call settings** > **Call answering/ending**.
2. The following options are available:
   - **Answering key**: Tap this option to be able to accept incoming calls by pressing the Home key.

- **The Power key ends calls**: This option will allow you to end a call by pressing the power key without turning off the screen.

Auto Screen Off During Calls

The Auto Screen Off During Calls feature allows you to turn on the proximity sensor during active calls so the screen will turn off when you bring the phone up to your face.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Auto screen off during calls** to turn on the proximity sensor.

Accessory Settings for Call

The Accessory Settings feature allows you to assign headset settings during incoming calls.

- **Automatic answering** configures the phone to automatically answer an incoming call when a headset is detected.
- **Automatic answering timer** configures the time delay before the phone automatically accepts the incoming call.
- **Outgoing call conditions** lets you choose whether or not to be able to make outgoing calls using a headset even when the phone is locked.

Use Extra Volume for Calls

This feature places an extra volume button on your currently active call screen.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Use extra vol. for calls** to activate the feature (a green checkmark appears in the adjacent field).

In-call Sound EQ Settings

This setting allows you to configure the audio equalizer used during an active call.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **In-call sound EQ settings.** Choose from either **In-call sound EQ** or **Personalized EQ**.

Increase Volume in Pocket

This feature increases the ringtone volume when the phone is in a pocket or a bag. Uses the proximity sensor to detect its location.

1. Press [redacted], tap , and then tap > **Call settings**.

2. Tap **Increase volume in pocket** to activate the feature (a green checkmark appears in the adjacent field).

Additional Settings

The **Additional Settings** menu contains a Noise reduction feature. This feature suppresses background noise on your side of the conversation during an active call.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Additional settings** > **Noise reduction** to activate the feature (a green checkmark appears in the adjacent field).

US Dialing

Plus Code dialing allows you to have the phone automatically dial the international access code for your location.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **US dialing** to activate the feature (a green checkmark appears in the adjacent field).

International Dialing

By default, the international dialing prefix (code) is set to 011. This code cannot be changed until the feature is temporarily disabled. Once disabled, the field becomes accessible and can be altered.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **US dialing** to deactivate the feature. This enables the International Dialing field.
3. Tap **International Dialing**.
4. Tap the entry field and press from the onscreen keyboard to delete the previous value.
5. Enter the desired international dialing prefix code and then tap **OK**.

TTY Mode

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications phone that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY phones. Please check with the manufacturer of your TTY phone to ensure that it supports digital wireless transmission. Your phone and TTY phone will connect using a special cable that plugs into your phone's headset jack. If this cable was not

provided with your TTY phone, contact your TTY phone manufacturer to purchase the connector cable.

To turn TTY Mode on or off:

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **TTY mode**.
3. Tap **TTY Off** to turn off TTY mode.

   - or -

   Tap any of the following to enable the feature:

   - **TTY Full, TTY HCO**, or **TTY VCO**.

To access the state Telecommunications Relay Service (TRS) for assistance with TTY calls:

► Tap to reach TRS Communications Assistant.

For additional information about Sprint Relay Services and TTY compatibility, call Sprint Relay Customer Service at **800-676-3777** or visit www.sprintrelay.com.

For additional technical support you may call **1-888-987-4357**, or access the following website: www.samsung.com/us/consumer/learningresources/mobile/accessibility/pop_accessibility.html.

Note: In TTY Mode, your phone will display the TTY access icon. If TTY mode is enabled, the audio quality of non-TTY phones connected to the headset jack may be impaired.

Warning! **911 Emergency Calling**
Sprint recommends that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 911 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.

DTMF Tones

DTMF tones are the sounds you hear when pressing each number a touch-tone phone. The **DTMF tones** feature allows you to set the length of time that you hear each tone when tapping a number on the phone's dialpad.

1. Press [redacted], tap , and then tap > **Call settings**.

2. Tap **DTMF tones.** Choose from either **Normal** or **Long**.

Voicemail Settings

These settings allow you to choose the method by which you receive your voicemails and general playback preferences.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Voicemail settings**. From this menu, you can:
   - Tap **Voicemail-to-Text** to begin a free trial subscription service for transcribing new voicemail messages to text.
   - Tap **Personalize voicemail** to change your voicemail greeting for incoming calls and update your password.
   - Tap **Notifications** to determine how you are notified of new voicemails. Choose from: **Select sound** (to set your notification sound) and **Vibrate**.
   - Tap **Inbox sort order** to change the order in which your voicemail inbox displays.
   - Tap **Pictures** to show Contacts entry images. This image is pulled from the entry's Contacts details page. For more information, see The Contacts List.
   - Tap **Playback screen** to customize the look of the playback screen.
     - Tap **Transcription font size** to assign a font size to the text message being transcribed from a selected voicemail. Choose from: **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.
     - Tap **Show text transcription** to display text for transcribed messages.
   - Tap **Speakerphone** to automatically activate the speakerphone when you review your Visual Voicemail.
   - Tap **Display name** to enter a name or number that is attached to your outgoing voicemails as part of an identification string.
   - Tap **Auto forward to email** to send copies of new messages to a selected email address.

Note: In order to use the **Auto forward to email** feature, you must first enable **Voicemail-to-Text**.

   - Tap **Check for update** to search for an upgrade to your Visual Voicemail software.
   - Tap **Help** to access help with your phone's voicemail features.

- Tap **About Voicemail** to view build information about the current visual voicemail application.

Voice Privacy

The Voice Privacy option automatically reduces the sound of the incoming caller's voice for enhanced privacy.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Voice privacy** to activate the feature (a green checkmark appears in the adjacent field).

Accounts

This feature allows you to add SIP (Session Initiation Protocol) accounts and receive incoming calls from those type of accounts. SIP is an Internet protocol used for live communication sessions such as phone calls. This menu will allow you to set up your SIP accounts for Internet calling.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Accounts** > **Receive incoming calls** to activate the feature (a green checkmark appears in the adjacent field).

Note: The **Receive incoming calls** option, when enabled, uses more battery power.

To add a new SIP account:

1. Press[redacted], tap , and then tap > **Call settings**.
2. Tap **Account** > **Add account**.
3. Follow the onscreen order to enter the User name, Password, Server, whether to use the current SIP as the primary account, and Optional settings.

Use Internet Calling

This feature allows you to configure the incoming call and SIP account information.

1. Press [redacted], tap , and then tap > **Call settings**.
2. Tap **Use Internet calling** and choose from **For all calls when mobile network available**, **Only for Internet calls**, or **Ask for every call.**

Sound Settings

The Sound settings menu lets you control your phone's audio, from ringtones and alerts to touch tones and notifications.

Silent Mode

The Silent mode option allows you to mute all sounds without turning your phone off (except for Media volume).

To activate silent mode:

- Press and hold the volume button down in standby mode until you see on the screen.

To deactivate silent mode:

- Press the volume button up repeatedly to select a volume level.

To set your phone to silent mode:

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Silent mode**. Choose from **Off**, **Vibrate**, or **Mute**.

Volume

The **Volume** menu provides access to various volume settings within one onscreen popup menu. You can adjust the volume settings to suit your needs and your environment.

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Volume**.
3. Touch and drag the onscreen sliders to assign volume level settings for the following:
   - **Media**, **Ringtone**, **Notifications**, and **System.**
4. Tap **OK** to assign the volume levels.
   - You can adjust the ringer volume in standby mode (or the earpiece volume during a call) by using the volume button on the left side of your phone.

Vibration Intensity

Vibration intensity sets the vibration strength you feel when tapping the screen and when the phone is ringing or other notifications arrive.

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Vibration intensity**.
3. Touch and drag the onscreen sliders to assign vibration intensity level settings for the following:
   - **Incoming call**, **Notification**, and **Haptic feedback.**

4. Tap **OK** to assign the vibration levels.

Phone Ringtone

Ringtones help you identify incoming calls and messages. You can assign ringtones to individual Contacts entries, types of calls, and types of messages. Your phone provides a variety of ringtone options that allow you to customize your ring and volume settings.

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Device ringtone** and then tap a ringtone from the available list. The ringtone briefly plays when selected.
3. Tap **OK** to assign the ringtone.

Device Vibration

This option allows you to set your phone to vibrate and ring.

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Device vibration**.
3. Select a vibration pattern and tap **OK**.

Default Notifications

The notification area displays icons associated with user notifications such as email messages, missed calls, voicemail, upcoming events, or Text/MMS messages. You can select the ringtone that plays when your phone receives new notifications.

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Default notifications** and then tap a notification ringtone from the available list. The ringtone briefly plays when selected.
3. Tap **OK** to assign the ringtone.

Sound and Vibration

This option allows you to enable all sounds and vibrations.

1. Press [redacted] > and tap **Settings** > **Sound**.
2. Tap **Sound and vibration** to activate the feature (a green checkmark appears in the adjacent field).

System Sound Settings

The Feedback settings menu lets you select whether you hear tones when tapping numbers on the dialpad, selecting onscreen options, and more.

- **Keytones:** Play tones when using the dialpad.
- **Touch sounds:** Play sounds when making an onscreen selection.
- **Screen lock sound:** Play sounds when locking or unlocking the screen.
- **Haptic feedback**: Feel a vibration when you tap soft keys on certain screens. A check mark displayed next to the feature indicates this feature is active.
- **Auto haptic**: Allow your phone to automatically vibrate in response to the sounds of downloadable apps, such as games.
- **Emergency tone:** Play sounds when receiving an Emergency Alert. For more information, refer to Emergency Alert Settings.

Display Settings

Adjusting your phone's display settings not only allows you to personalize the look and feel of your phone, it can also help increase battery life.

Brightness

Adjust your screen's brightness to suit your surroundings.

1. Press [redacted] > [redacted] and tap **Settings** > **Display**.
2. Touch **Brightness** and select the checkmark next to **Automatic brightness** to allow the phone to adjust brightness automatically.
3. Clear the checkmark and then touch and drag **Brightness** slider left or right to adjust the screen contrast and tap **OK**.

Screen Timeout

Screen timeout lets you select how long the display screen remains lit after you press any key.

1. Press [redacted] > [redacted] and tap **Settings** > **Display** > **Screen timeout**.
2. Tap a time setting. Choose from **15 seconds**, **30 seconds**, **1 minute**, **2 minutes**, **5 minutes,** or **10 minutes**.

Smart Stay

When active, smart stay disables the screen timeout if the phone detects that your face is watching the screen.

► Press [redacted] > [redacted] > **Settings** > **Display**, and then tap the check mark next to Smart stay.

Auto-rotate Screen

The Auto-rotate Screen feature can be manually enabled to change the orientation for all screens when rotation is detected. See Rotate for more information.

1. Press [redacted] > > **Settings** > **Display**.
2. Touch **Auto-rotate screen** (enabled by default). A green checkmark indicates the feature is enabled.

Touch Key Light Duration

This feature allows you to set the length of time that the and touch keys (located on the bottom of your phone) are lit.

1. Press [redacted] > and tap **Settings** > **Display**.
2. Tap **Touch key light duration** and then tap a time setting. Choose from **1.5 seconds**, **6 seconds**, **Always off**, or **Always on**.

Font Style

You can set the font for all text that displays on your phone.

1. Press [redacted] > and tap **Settings** > **Display**.
2. Tap **Font style**. Choose from **Default font**, **Choco cooky**, or **Helvetica S**, or **Rosemary**.

Tip: To acquire additional font options, tap **Get fonts online** to access new fonts in the Google Play Store app.

Font Size

This option allows you to select which size of font is displayed.

1. Press [redacted] > and tap **Settings** > **Display**.
2. Tap **Font size**. Choose from **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.

Auto Adjust Screen Tone

This feature allows you to save power because the phone analyzes the displayed screen image and automatically adjusts the LCD brightness.

1. Press [redacted] > and tap **Settings** > **Display**.
2. Tap **Auto adjust screen tone** (enabled by default). A green checkmark indicates the feature is enabled.

Display Battery Percentage

The battery charge level displays as an icon in the notification panel by default. This feature allows you to display the battery icon plus the numeric percentage of remaining charge.

1. Press [redacted] > and tap **Settings** > **Display**.
2. Tap **Display battery percentage**. A green checkmark indicates the feature is enabled.

Gyroscope Calibration

This feature allows you to calibrate the phone motion using a gyroscope.

1. Press [redacted] > and tap **Settings** > **Display**.
2. Tap **Gyroscope calibration**. Place the phone on a level surface and tap **Calibrate**. The phone adjusts the level of the gyroscope. During the calibration process a green circle appears onscreen and the center circle adjusts to the center position.

Wallpaper Settings

The Wallpaper settings option allows you to set the Wallpaper for your Home screen, Lock screen, or both. Wallpapers consist of either Gallery images (user taken), Live wallpapers (animated backgrounds), or Wallpaper gallery (default phone wallpapers).

Home Screen Wallpaper

You can select a unique picture to display as your wallpaper on the Home Screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Press [redacted] > and tap **Settings** > **Wallpaper**.
2. Tap **Home screen** and then tap a wallpaper type from the available list. Choose from **Gallery**, **Live wallpapers**, or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Lock Screen Wallpaper

You can select a unique picture to display on the Lock Screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. Press [redacted] > and tap **Settings** > **Wallpaper**.
2. Tap **Lock screen** and then tap a wallpaper type from the available list. Choose from **Gallery** or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

Home and Lock Screens Wallpaper

This feature assigns the current image to both the Home screen and Lock screens.

1. Press [redacted] > and tap **Settings** > **Wallpaper**.
2. Tap **Home and lock screens** and then tap a wallpaper type from the available list. Choose from **Gallery**, **Live wallpapers**, or **Wallpapers**.

Note: You can also assign wallpaper preferences by pressing and holding a spot on a Home screen and selecting Set wallpaper for **Home screen**, **Lock screen**, or **Home and lock screens**.

LED Indicator Settings

This option allows you to turn on your LED lights for charging, missed events, and incoming notifications. The light will turn on by default unless you turn them off.

1. Press [redacted] > and tap **Settings** > **LED indicator**.
2. Tap the following LED indicator options to turn them on or off:
   - **Charging**: LED stays red when the phone is charging. The LED turns off when the battery is fully charged, even if it remains on the charger.
   - **Low battery**: LED blinks red when the battery level is low.
   - **Missed event**: LED blinks orange when you have missed calls, messages, or application events.

Motion Settings

The Motion settings allow you to set up various Motion activation services.

1. Press [redacted] > and tap **Settings** > **Motion**.
2. Tap **Motion activation** to activate the feature. A checkmark is displayed.

- The following options are available:
  - **Direct call**: Once enabled, the phone will dial the currently displayed onscreen Contact entry as soon as you place the phone to your ear.
  - **Smart alert**: Once enabled, pick up the phone to be alerted and notified if you have missed any calls or messages.

- **Tap to top**: Once enabled, double tap the top of the phone to be taken to the top of the current onscreen list.
- **Tilt to zoom**: Once enabled, you must be on a screen where content can be zoomed. In a single motion, touch and hold two points on the display and then tilt the phone back and forth to zoom in or out.
- **Pan to move icon**: Once enabled, touch and hold a desired application shortcut icon or widget on the screen. Once it detaches, move the phone left or right to migrate it to a new location.
- **Pan to browse images**: Once enabled, touch and hold a desired onscreen image to pan around it. Move the phone left or right to pan vertically or up and down to pan horizontally around the large onscreen image.
- **Shake to update**: Once enabled, shake your phone to rescan for Bluetooth phones, rescan for Wi-Fi phones, Refresh a Web page, etc.
- **Turn over to mute/pause**: Once enabled, mute incoming calls and any playing sounds by turning the phone over display down on a surface. This is the opposite of the pickup to be notified gesture.
- **Palm swipe to capture**: Once enabled, you can capture any onscreen information swiping across the screen. In a single motion, press the side of your hand on the screen and swipe from left to right. The image is then copied to the clipboard.
- **Palm touch to mute/pause**: Once enabled, you can pause any onscreen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the phone goes back to normal by either continuing to play the current video or unmuting the current sound.

Power Saving Settings

Control your phone's data delivery and battery usage through this settings menu.

Active applications, light levels, Bluetooth usage, and GPS functionality all act to drain your battery. The following is a list of helpful tips that can help conserve your battery power:

- Reduce your backlight on time.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Turn 4G off when not in use

- Turn off Sprint Hotspot (Wi-Fi hotspot) services when not in use. This is one of the largest drains on your battery as it is not only transmitting a Wi-Fi connection to your phone but is also doing it while using a 4G connection.
- Deactivate the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.
- Do not wait until your battery is completely depleted before charging your phone. Repeating this process of a complete discharge and recharge can over time reduce the storage capacity of any battery.
- Turn off Automatic application sync.
- Use the **Power saving** widget to deactivate hardware functions such as Wi-Fi, Bluetooth, GPS, Synchronization, or LCD brightness setting.
- Check the Battery use screen to review what features or functions have been consuming your battery resources.
- Check the Running Services and close any unnecessary applications.
- Animated wallpapers use an increased amount of power and memory. Change your Live Wallpaper to a non-animated Wallpaper gallery or Gallery image.

1. Press > and tap **Settings** > **Power saving**.
2. Tap the ON/OFF slider to ON ON to **Use Power saving** to allow the phone to switch to power saving mode when the battery is low.
3. Choose from the following options to customize the settings:
   - **CPU power saving**: allows you to limit the maximum performance of the CPU.
   - **Screen power saving**: allows you to lower the screen power level.
   - **Background color**: allows you to change the background color on email and internet to save power.
   - **Turn off haptic feedback**: allows you to turn off vibration when you tap or touch the screen.
   - **Learn about power saving**: provides additional information about **Power saving** settings.

Storage Settings

You can manage the information and configuration related to both your microSD card and built-in phone storage memory.

Device Memory

From this menu you can view the memory allocation for the memory.

Total Space

Total space indicates the total size of the phone's memory. This includes both available and used space information.

Apps

Applications displays the amount of memory occupied by running applications.

Pictures, videos

Pictures, videos displays the amount of memory occupied by pictures and videos stored on your phone.

Audio (music, ringtones, podcasts)

Audio displays the amount of memory occupied by any audible files.

Downloads

Downloads displays the amount of memory occupied by files downloaded from an email account, the Internet, or other outside sources.

Miscellaneous files

Miscellaneous files displays the amount of memory dedicated to files such as information stored on the clipboard or downloaded application files.

Available Space

Available Space indicates the total amount of space within the phone's memory.

SD Card

Your phone lets you use a microSD™ (SD) (also referred to as a memory card) to expand available memory space. This section provides information about mounting, unmounting and formatting it.

Total Space

Total space indicates the total size of the currently inserted microSD card. This includes both available and used space information.

To determine the amount of memory currently used on the card, take the total space and subtract the remaining available space.

Note: Not all of the microSD card is registered in the available space, as a small percentage of the storage is unread. A 16GB microSD card will show approximately 14.73GB of total space.

Available Space

Available space indicates the amount of remaining free memory space available on the microSD card.

Unmount SD Card

1. Press [redacted] > and tap **Settings** > **Storage**.

2. Tap **Unmount SD** card to release the microSD card from its use by the phone. The icon appears within the Notifications area to indicate an unmounted internal microSD card.

   - The microSD card must first be mounted in order to unmount it.

Format SD Card

Formatting a microSD card permanently removes all files stored on the card.

1. Press [redacted] > and tap **Settings** > **Storage**.

2. Tap **Unmount SD card** to release the microSD card from its use by the phone. The icon appears within the Notifications area to indicate an unmounted internal microSD card.

   - The microSD card must first be mounted in order to unmount it.

3. Once released, tap **Format SD card** > **Format SD card** > **Delete all**.

   - Once completely formatted, the card is automatically re-mounted (reconnected for use by the phone).

   - The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Battery Settings

Your phone is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained. The battery provides up to 8.7 hours of continuous digital talk time.

At 5% of charge capacity, there are only a few minutes of talk time left, the phone sounds an audible alert, displays a critical charge icon ( ), and then turns off.

Battery Use

Use the battery settings menu to view what apps or processes have been using the battery.

► Press [redacted] > and tap **Settings** > **Battery**.

Application Manager

Manage your phone's applications, control running applications, and monitor your memory use from the Application manager.

Manage Applications

Use the Application manager menu to quickly erase selected content and uninstall third-party applications stored in your phone.

To clear an application's cache:

1. Press [redacted] > and tap **Settings** > **Application manager**.
2. Tap and tap **Sort by size**. This option sorts the current applications listing to display those applications by amount of memory or cache usage.
3. Tap the application whose cache you wish to delete.
4. From the Application info screen, tap **Clear data** and/or **Clear cache**.

To uninstall third-party applications:

1. Press [redacted] > and tap **Settings** > **Application manager**.
2. Tap the third-party application, and from the Application info screen, tap **Uninstall**.

Running Services

This service efficiently manages power consumption and processor/memory resources. Processes can be stopped until the phone is restarted.

To stop a currently running service:

1. Press [redacted] > and tap **Settings** > **Application manager**.

2. Tap **Running**, select an onscreen process entry, and tap **Stop**.
3. Read the **Stop system service?** dialog and tap **OK**.
    - These stopped processes restart once the phone is restarted (power cycled).
    - Third-party Task Manager applications are also available from the Google Play Store app.

Note: You can also access the last six accessed applications by pressing and holding [redacted]. For more information, refer to Recently Used Applications.

Memory Use

View storage used by currently running applications.

► Press [redacted] > and tap **Settings** > **Application manager**. The bottom of the screen displays the amount of RAM used by all running services.

Accounts and Sync Settings

Your phone provides the ability to synchronize data from a variety of different sources or sites. These accounts can range from Google, a Corporate Microsoft Exchange Email Server, and other social sites. Corporate and Google accounts provide the ability to synchronize Calendar events and Contacts.

Set Up a New Account

You can set up a new account using the following procedures.

1. Press [redacted] > and tap **Settings** > **Accounts and sync**.
2. Tap **Add account** and tap an account type.
    - **Samsung account**, **ChatON**, **Dropbox**, **Email**, **Facebook (for syncing)**, **Google**, **LDAP**, and **Microsoft Exchange ActiveSync**.
3. Enter your account information and tap **Next**.
    - Depending on the account type, you may need to enter an email address or user address, password, domain name, or other information. For Corporate Exchange Email Server accounts, contact your server administrator to determine what information you will need.
4. Tap **Done** when you are finished.

Manage Existing Accounts

You can manage a current account by using the following procedures.

1. Press [redacted] > and tap **Settings** > **Accounts and sync**.
2. Tap an account to edit its settings.
   - Tap a field to edit its settings.
   - Tap **Remove account** to delete the account from your phone.
3. Tap **Done** when you are finished.

Location Services Settings

Your phone is equipped with a Location feature for use in connection with location-based services.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

- Turning Location on will allow the network to detect your position using GPS technology, making some Sprint applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your call. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

Use Location Services

Use the following steps to use wi-fi or mobile networks to determine your phone's location.

1. Press [redacted] > and tap **Settings** > **Location services**.
2. Tap **Use wireless networks**. A green checkmark indicates the feature is enabled.
   - This service uses available wireless networks to pinpoint your location within certain applications such as Google Maps.
3. Tap **Agree**. Enabling this feature allows Google to collect anonymous location data whether or not any location application or other related feature is active or in use.

Use GPS Satellites

Use the following steps to enable your phone's GPS location feature.

1. Press [redacted] > and tap **Settings** > **Location services**.
2. Tap **Use GPS satellites**. A green checkmark indicates the GPS location feature is enabled.

Location and Google Search

This option allows you to quickly refine your search results by permitting Google to use your location data.

1. Press [redacted] > and tap **Settings** > **Location services**.
2. Tap **Location and Google search** and tap **Agree** to enable the positioning sensors.

Security Settings

This menu contains features that allows you to configure the phone's security parameters.

Screen Lock

You can increase the security of your phone by creating a screen lock. When enabled, you either slide the screen, detect accessibility through facial recognition, draw the correct unlock pattern on the screen, enter the correct PIN, or enter the correct password to unlock the phone's control keys, buttons, and touchscreen.

You can choose among these lock options, listed in approximate order of strength:

Use Swipe

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Screen lock** > **Swipe**.

Use Motion

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Screen lock** > **Motion > OK**.

Unlock a Phone with Motion

► Use your thumb to touch and hold the Lock screen and then quickly tilt the phone toward you.

Note: If you forget, these instructions appear at the bottom of the Lock screen.

Use Face Unlock

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Screen lock** > **Face unlock**.
3. Tap **Set it up**, find a location with mid-strength lighting (not too bright or too dim), and tap **Continue**.

4. Face the screen toward yourself, hold the phone at eye level, and position your face within the boundaries of the dotted oval.

Note: If the phone cannot detect all of your facial features, the screen will display, "**Can't find part of your face**".

5. After the phone recognizes your face, a checkmark will display within the oval and the screen displays, "**Face captured.**".

6. Tap **Continue** and create a security Pattern or PIN. You will use one of these security features if the phone does not recognize your face when you attempt to unlock the phone.

7. Set your backup **Pattern** or **PIN** and tap **OK**.

Note: If your screen lock is currently set to **Face unlock**, you can improve its performance by capturing your face data again under different lighting conditions. To improve facial recognition, tap **Settings** > **Security** > **Improve facial recognition.**

Use Face and Voice Unlock

1. Press [redacted] > [redacted] and tap **Settings** > **Security**.

2. Tap **Screen lock** > **Face and voice**.

3. Tap **Set it up**, find a location with mid-strength lighting (not too bright or too dim), and tap **Continue**.

4. Face the screen toward yourself, hold the phone at eye level, and position your face within the boundaries of the dotted oval.

Note: If the phone cannot detect all of your facial features, the screen will display, "Can't find part of your face".

5. After the phone recognizes your face, a checkmark will display within the oval and the screen displays, "Face captured".

6. Tap **Continue**.

7. Once prompted to speak an unlock command, tap [redacted] and repeat the phrase four times.

8. Once complete, tap **Done**.

9. Set your backup **Pattern** or **PIN** and tap **OK**.

Use a Screen Unlock Pattern

1. Press [redacted] > [redacted] and tap **Settings** > **Security**.

2. Tap **Screen lock** > **Pattern**, read the information on the screen, and tap **Next**.
3. Draw the screen unlock pattern by connecting at least four dots in a vertical, horizontal, or diagonal direction. Lift your finger from the screen when finished.
4. The phone records the pattern. Tap **Continue**.
5. When prompted, draw the pattern again, and then tap **Confirm**.

If you fail to draw the correct unlock pattern on the screen after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Use a Screen Unlock PIN

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Screen lock** > **PIN**.
3. Enter a PIN, tap **OK**, and then enter your PIN again to confirm it.

If you fail to enter the correct PIN after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Use a Screen Unlock Password

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Screen lock** > **Password**.
3. Enter a password, tap **Continue**, and then enter your password again to confirm it.

Note: If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Disable the Screen Lock

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Screen lock**, provide your security information, and then tap **None.**

If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Encrypt Phone

Data encryption allows you to encrypt all data that is on your phone to enhance security after you turn it off.

Important! Password screen lock protection represents the highest level of security; therefore, you must setup a screen lock password in order to use phone decryption. For more information, see Screen Lock.

1. Press [redacted] > and tap **Settings** > **Security**.
2. Read the general encryption information and tap **Encrypt device**.
3. At the Encrypt phone prompt, tap **OK**. Your phone will restart.
4. Unlock the phone. The data on your phone is encrypted and your phone will restart again. The icon is displayed on the top bar of your display showing that your data is encrypted.

Encrypt SD card

Prevent another user from using your SD card to make unauthorized calls or from accessing information stored on your SD card by protecting the information using a password. When enabled, your phone will ask for a password each time you use the phone. Using this option you can also change your SD card PIN number.

Important! Password screen lock protection represents the highest level of security; therefore, you must setup a screen lock password in order to use SD card encryption. For more information, see Screen Lock.

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Encrypt SD card**.

Make Passwords Visible

When enabled, this feature allows you to view the text being entered into a password field as you type it. Many times, other applications insert an asterisk (*) as you type. This can cause issues and confusion. What if you mis-typed the password or used the wrong case? When enabled, you can see your entry. This feature is enabled by default.

Disable Visible Passwords

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Make passwords visible** (to remove the checkmark on the option).

Device Administrators

Activating this feature allows Google to administrate your phone in a way similar to IT security settings on a corporate PC. This would be beneficial in the case that your phone was lost or stolen. The phone could be “deactivated” or “restricted” (through administration) from a remote location.

Select Device Administrators

The Device Administration feature allows you to select one or more administration applications that control your phone for security purposes (for example, if your phone is lost or stolen).

These applications enforce remote or local phone security policies. Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the phone is restored to factory settings.
- Automatically locking the phone.
- Restoring factory settings on the phone.

Note: If a phone uses multiple enabled administration applications, the strictest policy is enforced.

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Device administrators** and tap an account.
3. Tap **Deactivate** to remove the current administrator.

Unknown Sources

This feature allows you to download and install non- Google Play™ applications.

1. Press [redacted] > and tap **Settings** > **Applications**.
2. Tap **Unknown sources**. A green checkmark indicates the feature is enabled.

Trusted Credentials

Use this feature to allow applications to access secure certificates and other credentials.

To use secure credentials:

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Trusted credentials** to display the list of your phone's trusted CA certificates. A green checkmark indicates the certificate is enabled.

Install from Device Storage

Use this setting to install encrypted certificates from your USB storage.

1. Press [redacted] > and tap **Settings** > **Security**.

2. Tap **Install from device storage** and then tap a certificate file and follow the onscreen prompts.

Clear Credentials

Use this setting to clear the credential storage of all contents and reset the password.

1. Press [redacted] > and tap **Settings** > **Security**.
2. Tap **Clear credentials**.

Language and Input Settings

Your phone's Language settings let you select a language for the phone's screens and menus, as well as manage a personal user dictionary. The Keyboard settings let you select a preferred input method, control keyboard settings, and more.

Language

Use these procedures to change the language that displays on your phone.

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap **Language** and tap either **English, Español,** or 한국어. All menus are then updated to the new language.

Default Input Method

The following procedure allows you to select and set the default method you will use when accessing the keyboard.

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap **Default** and select **Samsung keyboard**.

- or -

1. From a screen where you can enter text, touch in the notification bar and drag down the notification panel.
2. Tap **Select input method** and tap **Google voice typing** or **Samsung keyboard**.

Note: Within either **Select input method** dialog box, you can tap **Configure input methods** to access Keyboard and input methods settings. For more information about the applicable input method setting procedures, refer to Text Input Methods.

Google Voice Typing

This feature listens to your voice input and translates it into text.

Note: You must select **Google voice typing** as the default input method before managing its settings.

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap to the right of **Google voice typing** to access the following options:
   - **Select input languages**: allows you set the language you will be using for your voice input and output.
   - **Block offensive words**: allows you to hide recognized offensive words.

Samsung Keyboard

The Samsung Keyboard is an onscreen QWERTY keyboard.

Note: You must select **Samsung keyboard** as the default input method before managing its settings.

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap to the right of **Samsung keyboard** to access the following options:
   - **Portrait keyboard types**: allows you to select text input method. Choose from **Qwerty** or **3x4 keyboard**.
   - **Input language**: allows you to select the text input language. Choose from either **English, Español,** or 한국어.
   - **Predictive text** enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Tap **Predictive text** to access the advanced settings
   - **T9 Trace** allows you to enter words by swiping between onscreen keys.
   - **Handwriting** enables the phone to recognize onscreen handwriting and convert it to text.
   - **Voice input** activates the Voice input feature. This feature uses Google's networked speech recognition application to convert speech into text.
   - **Auto capitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
   - **Auto-punctuate** automatically inserts a period at the end of a sentence when you tap the space bar twice while using the onscreen QWERTY keyboard.

- **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
- **Key-tap vibration** enables vibration feedback when you tap an onscreen key.
- **Key-tap sound** enables auditory feedback when you tap an onscreen key.
- **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keyboard.
- **Reset settings** resets the keyboard settings back to their original configuration.

T9 Trace

T9 Trace is built into the Samsung keyboard. This method allows you to enter a word by sliding your finger from letter to letter and lifting it between words. T9 Trace uses error correcting algorithms and a language model to predict the next word and includes a touch predictive text system.

Enabling T9 Trace

When T9 Trace is enabled, the onscreen keyboard can be used to enter text by tapping or swiping across the onscreen keys.

1. Press [redacted] > [redacted] and tap **Settings** > **Language and input**.
2. Tap [redacted] to the right of **Samsung keyboard**.
3. Touch the check mark to the right of **T9 Trace** to enable T9 Trace text entry.

Voice cmd for Apps

The Voice cmd for apps menu lets you choose whether or not to use voice commands to control your phone.

1. Press [redacted] > [redacted] and tap **Settings** > **Language and input**.
2. Tap the ON/OFF slider next to **Voice cmd for apps** to ON [redacted] ON to allow voice commands to control the phone.
3. Tap **Voice cmd for apps** to view additional voice command options. Tap an option to enable or disable it.
   - Options include **Incoming calls**, **Alarm**, **Camera**, and **Music**.

Voice Recognizer

Built-in voice recognition software allows you to hear your voice and transcribe it directly into text.

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap **Voice recognizer** and tap the voice recognition format that you want. Choose from **Google** or **Samsung powered by Vlingo**.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said.

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap **Voice Search** to access the following options:
   - **Language**: allows you set the language you will be using for your voice input and output.
   - **SafeSearch**: allows you to filter explicit images when performing voice searches. You can set to **Off**, **Moderate**, or **Strict**.
   - **Block offensive words**: allows you to block recognition of known offensive words or language. (A green check mark indicates the feature is active.)
   - **Personalized recognition**: allows you to improve speech recognition and accuracy by allowing Google to associate your recordings with your Google Account.
   - **Google Account dashboard**: allows you to manage your collected data via your Google account.

Text-to-speech Output

The Text-to-speech output feature allows the phone to provide a verbal readout of onscreen data such as messages and incoming caller information (based on Caller ID).Tap **Text-to-speech output** to access the following options:

1. Press [redacted] > and tap **Settings** > **Language and input**.
2. Tap **Text-to-speech output** to access the following options:
   - **Preferred TTS engine**
     - **Google text-to-speech Engine**: allows you to use and modify Google Text-to-speech settings. Tap to the right of **Google text-to-speech** for additional settings.
     - **Samsung TTS**: allows you to use and modify settings for the Samsung TTS default engine. Tap to the right of **Samsung TTS** for additional settings.
   - **General**

- **Speech rate**: adjusts the rate at which onscreen text is spoken by the phone. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
- **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your phone when activated.
- **Driving mode**: allows incoming calls and new notifications to be automatically read aloud.

Pointer Speed

This feature allows you to adjust the speed of the Mouse/trackpad.

1. Press [redacted] > [redacted] and tap **Settings** > **Language and input**.
2. Tap **Pointer speed**, adjust the slider according to your speed preference, and tap **OK**.

Back Up and Reset Settings

Your phone's Privacy menu includes the **Factory Data Reset** option. This option lets you reset your phone to the original factory settings, which erases all data from the phone's application storage, including:

Mobile Backup and Restore

The phone can be configured to back up your current settings, application data and settings.

1. Press [redacted] > [redacted] and tap **Settings** > **Backup and reset**.
2. Tap **Back up my data** to create a backup of your current phone settings and applications.
3. Tap **Backup account** to assign the account being backed up.
4. Tap **Automatic restore** to assist in the re-installation of a previously installed application (including preferences and data).
5. Tap **Factory data reset** to reset your phone and sound settings to the factory default settings. For more information, see Factory Data Reset.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. Press [redacted] > [redacted] and tap **Settings** > **Backup and reset** > **Factory data reset**.
2. Read the onscreen reset information.
3. Tap **Reset device**.

4. If necessary, enter your password and tap **Delete all**. The phone resets to the factory default settings automatically and when finished displays the Home screen.

Dock Settings

This menu allows you to assign external speakers when the phone is docked.

1. Press [redacted] > and tap **Settings** > **Dock**.
2. Tap **Dock sound** to play sounds when inserting or removing the phone from the dock.
3. Tap **Audio output mode** to use the external dock speakers when the phone is docked.
4. Tap **Desk home screen display** to display the desk home.

Date and Time Settings

Your phone obtains its time and date information by using the network-provided date, time, and time zone. These values can be manually altered.

1. Press [redacted] > and tap **Settings** > **Date and time**.
2. Tap **Automatic date and time** to disable the feature.
   - If enabled, you cannot alter the date, time zone or time values.
3. Tap **Automatic time zone** to disable the feature.
   - If enabled, you cannot alter the time zone values.
4. Tap **Set date**. Adjust the date, month, and year. Tap **Set** when finished.
5. Tap **Set time**. Adjust the hour and minute. Tap the **am** or **pm** icon to change the value. Tap **Set** when finished.
6. Tap **Select time zone**, and then select a time zone from the onscreen list. Scroll down the list to view additional time zones.
7. Tap **Use 24-hour format** to toggle between using a 12-hour or a 24-hour format.
8. Tap **Select date format** to select how the date information is displayed on your phone. The selected date format is also applied to the date displayed within the phone's Alarm Clock.

Accessibility Settings

The Accessibility settings menu lets you set several options to simplify phone use and improve accessibility for users with vision or hearing issues.

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user interface interactions. Using TalkBack, every interaction and keypress is explained in audio. The Accessibility menu also allows you to set various vision, hearing, and access options.

1. Press [redacted] > and tap **Settings** > **Accessibility**.
2. Select your settings from the following options:
   - Tap the **Auto-rotate screen** to allow automatic rotation from the screen between landscape and portrait.
   - Tap the **Speak passwords** option to allow the phone to read aloud password information.
   - Tap the **Call answering/ending** option to accept incoming calls by pressing the home key or end calls using the power key.
   - Tap the **Accessibility shortcut** option to allow the accessibility shortcut under the device options to be used by pressing and holding the power key.
   - Tap the **Screen timeout** option to timeout the accessibility feature after a defined amount of time.
   - Tap the **TalkBack** option to activate the TalkBack feature. For more information, see TalkBack Settings.
   - Tap **Install Web scripts** to allow apps to install scripts from Google that make their Web content more accessible. Tap **Allow**.
   - Tap the **Negative colors** field to reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
   - Tap the **Font size** field to change the size of the fonts used on the phone within menus, options, etc. Choose from: **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.
   - Tap the **Mono audio** field to enable stereo audio to be compressed into a single mono audio stream for use with a single earbud/earphone.
   - Tap the **Turn off all sounds** field to mute every sound made by the phone during taps, selections, notifications, etc.
   - Tap the **Tap and hold delay** field to select a time interval for this action. Choose from: Short, Medium, or Long

TalkBack Settings

This feature uses synthesized speech to describe the results of actions. The following procedures enable you to enhance TalkBack capabilities.

1. Press [redacted] > [redacted] and tap **Settings** > **Accessibility** > **TalkBack**.
2. Tap the slider to on [redacted] ON to turn on TalkBack.
3. Tap **Settings** and choose from the following options:
   - **Ringer volume**: instructs the TalkBack program to provide voice feedback at all ringer volumes or not to provide voice feedback during silent or vibrate mode.
   - **Speak when screen is off**: instructs the TalkBack program to provide voice feedback when the screen is off.
   - **Speak caller ID**: instructs the TalkBack program to provide voice feedback for caller ID.
   - **Use proximity sensor**: instructs the TalkBack program to silence voice feedback when the proximity sensor is engaged. For more information about the proximity sensor, see Key Functions.
   - **Bluetooth output**: instructs the TalkBack program to provide voice feedback through Bluetooth connections when available.
   - **Vibration feedback**: increases the vibration intensity of key presses.
   - **Assign vibration patterns**: allows you to select vibration patterns to differentiate between touchable and clickable items.
   - **Sound feedback**: allow you to enable sound feedback when you touch the screen.
   - **Sound volume**: allows you to customize the volume return based upon the volume of your voice. Choose from **Match speech volume**, **75% of speech volume**, or **50% of speech volume**.
   - **Assign sounds**: allows you to select sounds to differentiate between touchable and clickable items.

Developer Options Settings

Use the Developer Options to set options for application development.

► Press [redacted] > [redacted] and tap **Settings** > **Developer options**.

Important! These features are used for development purposes only.

USB Debugging

When enabled, allows debugging when the phone is attached to a PC by a USB cable.

1. Press [redacted] > [redacted] and tap **Settings** > **Developer options**.

2. Tap **USB debugging** to enable or disable the setting. When enabled, a check mark appears in the check box.

Development Device ID

The identification number for your tablet when using it as a development tool displays in this field.

Allowing Mock Locations

If you are a developer who is testing a GPS applications using this device, you can use mock locations to tell the device that the phone is at different GPS locations. In other words, the phone is allowed to "mock" the coordinates. This feature is used for development purposes only.

1. Press [redacted] > and tap **Settings** > **Developer options**.
2. Tap **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the check box.

Desktop Backup Password

Protect the desktop with a backup password ID.

1. Press [redacted] > and tap **Settings** > **Developer options**.
2. Tap **Desktop backup password**.
3. In the Settings screen, enter the current full backup password, the new password for full backups and then enter the new password again.
4. Tap **Set backup password** to save the password change.

User Interface Options

Configure the user interface by setting the behavior for the way the screen behaves when using applications or displaying data.

1. Press [redacted] > and tap **Settings** > **Developer options**.
2. Tap the check box next to each option to enable:
   - **Strict mode**: Makes the screen flash when applications perform long operations on the main thread.
   - **Show pointer location**: Highlights the data that was touched on the screen.
   - **Show touches**: Displays touch interactions on the screen.
   - **Show screen updates**: Areas of the screen flash when they update.
   - **Show CPU usage**: Screen highlights the current CPU usage.

- **Force GPU rendering**: Uses a 2D acceleration in applications.
- **Window animation scale**: Configure the scale for animation (ranges from off to 10x).
- **Transition animation scale**: Configure the scale for transitioning when using animation (ranges from off to 10x).

Application Options

These options allow you to manage applications that are running in the background.

1. Press [redacted] > [redacted] and tap **Settings** > **Developer options**.
2. Tap **Do not keep activities** to destroy every activity as soon as the application is closed.
3. Tap **Limit background processes** to set the number of processes that can run in the background. Options are: Standard limit, No background processes, and 1 to 4 processes at most.
4. Tap **Show all ANRs** to display a prompt when applications running in the background are not responding.

Activate This Device

This feature allows you to activate your phone through the Sprint Network (if inactive). If your phone is activated, this feature displays information such as your plan type, billing period and current usage details.

System Update Settings

This feature contains tools that allow you to update your phone to the latest PRL, Profile, Samsung Software, and Firmware. Access this menu on a regular basis to ensure that your phone maintains the most recent system enhancements and security features.

Update PRL

This option allows you to download and update the preferred roaming list (PRL) automatically.

1. Press [redacted] > [redacted] and tap **Settings** > **System Update** > **Update PRL**.
2. Follow the onscreen instructions.

Update Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your phone.

1. Press [redacted] > [redacted] and tap **Settings** > **System Update** > **Update Profile**.

2. Follow the onscreen instructions.

   - If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

Update Samsung Software

Use this feature to upgrade your phone to the latest version of SPH-XXXX software for your Samsung Galaxy NOTE II.

1. Press [redacted] > and tap **Settings** > **System Update** > **Update Samsung Software**.
2. Follow the onscreen instructions.

Update Firmware

Once you have backed up all your data, use the Update Firmware option to update your phone firmware.

1. Press [redacted] > and tap **Settings** > **System Update**.
2. Tap **Update Firmware**. (Your phone automatically downloads and installs any available updates. You may be required to power your phone off and back on to complete the software upgrade.)

   - or -

1. Locate the (**System Update Available**) icon in Notifications.
2. Touch and hold the Status bar, and then slide your finger down the screen.
3. Tap to open the System Updates screen.
4. Tap **Download** and follow the onscreen instructions. appears within the Status bar to indicate the phone is downloading the necessary files.
5. Tap **Restart** and install to complete the process.

   - The Notifications panel can also be opened on the Home screen by pressing and then tapping **Notifications**.

About Device

The About Device menu lets you access important phone information, such as the phone model number, Android version, Baseband version, Kernel version, Build , signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, Wi-Fi MAC address, Bluetooth address, phone number, software version network, and legal information.

Status

This option displays the battery status, the level of the battery (percentage), the phone number for this phone, battery status and level, User name, and signal strength.

► Press [redacted] > and tap **Settings** > **About device** > **Status**.

Legal Information

This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.

► Press [redacted] > and tap **Settings** > **About device** > **Legal information**.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your phone as well as contacts synchronized with your Google account, your PC, compatible email programs (including Exchange Server), and your Facebook friends.

Get Started With Contacts

Add a Contact

Save a Phone Number

Edit a Contact

Synchronize Contacts

Add Entries to Your Favorites

Add Facebook Content to your Contacts

Create Groups

Share a Contact

Get Started With Contacts

Before using Contacts, it's best to learn a few basics.

Your phone automatically sorts the Contacts entries alphabetically. You can create a Google contact, a phone contact, or a Corporate (Microsoft Exchange ActiveSync) contact.

- **Phone** contacts are stored locally on the phone.

Note: If the phone is ever reset to its factory default parameters, locally stored contacts (phone contacts) can be lost.

- **Google** contacts are shared with your existing Google account and can also be imported to your phone after you have created a Google Mail account.
- **Microsoft Exchange ActiveSync** (also known as Work or Outlook) contacts are those contacts that are intended to be shared with either an Exchange Server or from within Microsoft® Outlook®.

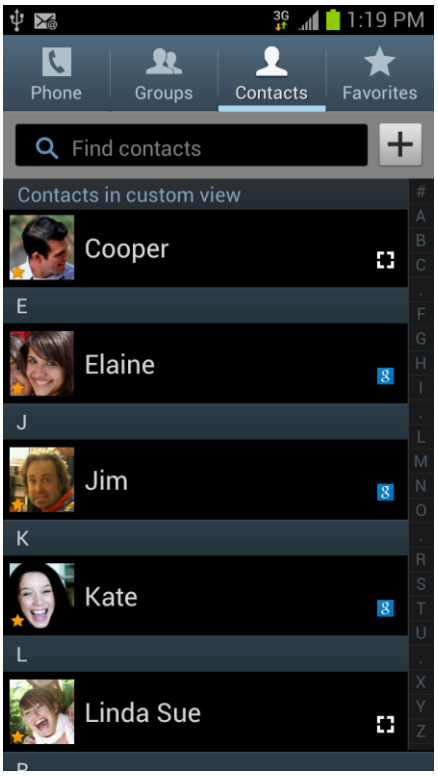
Access Contacts

There are a few ways to display Contacts.

► Press [redacted] and tap .

or

Press [redacted] and tap > **Contacts** tab.



The Contacts List

Your phone automatically sorts the Contacts entries alphabetically. You can create either a **Google**, **Microsoft Exchange ActiveSync**, or **Phone** contact.

► Press [redacted] and tap . You will see the Contacts list.

- **Contacts List**: The Contacts list displays all contacts currently stored in your phone, including Google contacts, Exchange ActiveSync contacts, Phone contacts, and Facebook contacts.
- **Create Contacts**: Tap + to add a contact.

Scroll through the list to view all your contacts. To see a specific entry, scroll to it and tap it.

Tip: To quickly move to a specific section in your contact list, tap a letter on the right side of the list to go directly to that letter in the alphabetical list.

Contacts List Options

► From the Contacts list, tap to display the main contacts list options.

- **Delete**: erases the currently selected contact or contacts.
- **Import/Export**: imports or exports the selected contact information from a specified location.
- **Merge with Samsung account**: allows you to join your phone contacts with an existing Samsung account.
- **Merge with Google**: allows you to join your phone contacts with an existing Google account.
- **Accounts**: displays your managed accounts.
- **Speed dial setting**: allows you to assign a speed dial number to a selected contact.
- **Send email:** allows you to send an email to the selected contact via **Gmail** or **Email.**

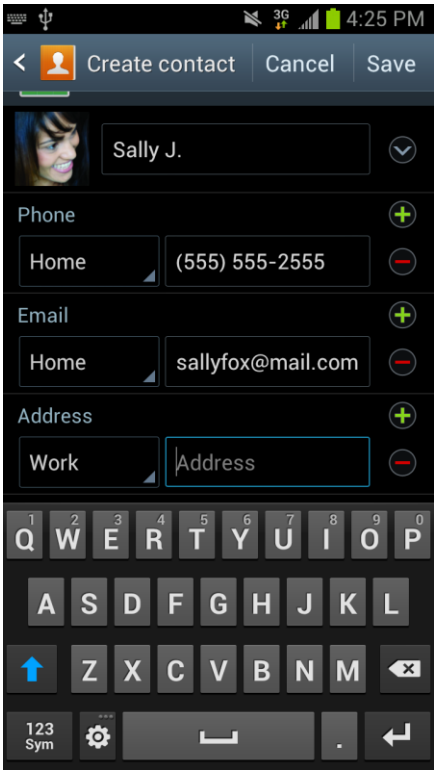
Note: Prior to sending an email, you must first add a Google or Email account.

- **Send message**: allows you to send a text message to the selected contact.
- **Contacts to display**: allows you to select a specific location from which to pull contacts which will display in your Contacts list.
- **Settings:** displays options for viewing contacts, including whether to show only contacts with phone numbers and whether to list or display by first name or last name. There is also an option to select how contacts are transferred to another device, either individually or as a full group.

Add a Contact

You can add contacts directly from the Contacts application. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1. Press [redacted] and tap .
2. From the top of the screen, tap .
3. Tap a destination type (**Phone**, **Google**, or **Microsoft Exchange ActiveSync**). The **Create contact** screen opens.



Note: You will not see the option to select a destination unless you have previously established a Google or Corporate account on the phone.

4. Tap and assign a picture to the new entry by choosing one of three options:
   - **Picture**: retrieve a previously stored image from your Gallery or from your My files folder and assign it to this entry. Tap an image to assign the image to the contact and then tap **Done**. After selecting the picture, you will be prompted to **Crop** it to fit the contact picture ID area. Crop the picture and then tap **Done** to assign it.
   - **Take picture**: use the camera to take a new picture and assign it to this entry and then tap **Done**. After you take a picture, you will be prompted first to **Save** and **Crop** the picture before assigning it to the contact.
   - **Remove**: although not an option with a new entry, deletes any previously assigned image on an existing contact.
5. Tap the **Name** field and use the onscreen keyboard to enter the full name.

   – or –

   Tap next to the **Name** field to display additional name fields.
6. Tap the **Phone number field**. The numerical keyboard is displayed.

The **Mobile** button initially displays next to the Phone number field. If you want to add a phone number that is not a mobile number, tap the **Mobile** button and select from **Mobile**, **Home**, **Work**, **Work fax**, **Home Fax**, **Pager**, **Other**, **Custom** (add your own label), or **Callback**.

7. Enter the phone number. Tap to add another Phone number field or tap to delete a field.
8. Tap the **Email address** field. The keyboard is displayed.

   The **Home** button initially displays next to the Email address field. If you want to add an **Email address** that is not a Home email address, tap the Home button and select from **Home**, **Work**, **Other**, or **Custom** (add your own label).
9. Enter the Email address. Tap to add another Email address field or tap to delete a field.
10. Tap the **Address** field. The keyboard is displayed.

    The **Home** button initially displays next to the **Address** field. If you want to add an address that is not a Home address, tap the **Home** button and select from **Home**, **Work**, **Other**, or **Custom** (add your own label).
11. Enter the address. Tap to add another address field or tap to delete a field.
12. Tap any of the following fields that you want to add to your new contact:

    - **Events**: tap to add a Birthday, Anniversary, Other, or Custom.
    - **Groups**: assign the contact to Not assigned, ICE – emergency contacts, Co-workers, Family, Friends, My contacts, or Starred in Android. You may add other groups to the list. For more information, see Create Groups.

Tip: ICE – In Case of Emergency. To make it easier for emergency personnel to identify important contacts, you can list your local emergency contacts under “ICE” in your phone’s Contacts list. For example, if your mother is your primary emergency contact, list her as “ICE–Mom” in your Contacts. To list more than one emergency contact, use “ICE1–___,” “ICE2–___,” etc.

- **Ringtone**: adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default, Ringtones, or Go to My files.
- **Vibration pattern**: allows you to set the specific type of vibration.

- **Add another field**: tap this button to add another field such as **Phonetic name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, **Internet call**, or **Relationship**.

13. Tap **Save** to save the new contact.

Save a Phone Number

You can save a phone number to Contacts directly from the phone dialpad.

1. Press and tap .
2. Enter a phone number using the onscreen dialpad.
3. Tap **Add to Contacts**.

   - or -

   Press and tap **Add to Contacts**.
4. Tap **Create contact** or **Update existing**. If you're updating an existing contact, tap the existing contact and proceed to step 6.
5. Tap a destination type (Phone, Google, or Microsoft Exchange ActiveSync). The Create contact screen opens.

Note: You will not see the option to select a destination unless you have previously established a Google or Corporate account on the phone.

6. Tap and assign a picture to the new entry by choosing one of three options:
   - **Picture**: retrieve a previously stored image from your Gallery or from your My files folder and assign it to this entry. Tap an image to assign the image to the contact and then tap **Done**. After selecting the picture, you will be prompted to **Crop** it to fit the contact picture ID area. Crop the picture and then tap **Done** to assign it.
   - **Take picture**: use the camera to take a new picture and assign it to this entry and then tap **Done**. After you take a picture, you will be prompted first to **Save** and **Crop** the picture before assigning it to the contact.
   - **Remove**: although not an option with a new entry, deletes any previously assigned image on an existing contact.
7. Tap the **Name** field and use the onscreen keyboard to enter the full name.

   – or –

   Tap next to the **Name** field to display additional name fields.

8. Tap the **Phone number field**. The numerical keyboard is displayed.

   The **Mobile**

button initially displays next to the Phone number field. If you want to add a phone number that is not a mobile number, tap the **Mobile** button and select from **Mobile**, **Home**, **Work**, **Work fax**, **Home Fax**, **Pager**, **Other**, **Custom** (add your own label), or **Callback**.

9. Enter the phone number. Tap to add another Phone number field or tap to delete a field.

10. Tap the **Email address** field. The keyboard is displayed.

    The **Home**

button initially displays next to the Email address field. If you want to add an **Email address** that is not a Home email address, tap the Home button and select from **Home**, **Work**, **Other**, or **Custom** (add your own label).

11. Enter the Email address. Tap to add another Email address field or tap to delete a field.

12. Tap the **Address** field. The keyboard is displayed.

    The **Home**

button initially displays next to the **Address** field. If you want to add an address that is not a Home address, tap the **Home** button and select from **Home**, **Work**, **Other**, or **Custom** (add your own label).

13. Enter the address. Tap to add another address field or tap to delete a field.

14. Tap any of the following fields that you want to add to your new contact:

    - **Events**: tap to add a Birthday, Anniversary, Other, or Custom.
    - **Groups**: assign the contact to Not assigned, ICE – emergency contacts, Co-workers, Family, Friends, My contacts, or Starred in Android. You may add other groups to the list. For more information, see Create Groups.

Tip: ICE – In Case of Emergency. To make it easier for emergency personnel to identify important contacts, you can list your local emergency contacts under "ICE" in your phone's Contacts list. For example, if your mother is your primary emergency contact, list her as "ICE–Mom" in your Contacts. To list more than one emergency contact, use "ICE1–___," "ICE2–___," etc.

- **Ringtone**: adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default, Ringtones, or Go to My files.
- **Vibration pattern**: allows you to set the specific type of vibration.

- **Add another field**: tap this button to add another field such as **Phonetic name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, **Internet call**, or **Relationship**.

15. Tap **Save** to save the new contact.

Edit a Contact

Once you've added a contact, you can add or edit any of the information in the entry, assign a caller ID picture, customize with a unique ringtone, and more.

Add or Edit Information for a Contact

Assign a Stored Picture to a Contact

Assign a New Picture to a Contact

Assign a Ringtone to a Contact

Join a Contact

Delete a Contact

Add or Edit Information for a Contact

You can modify existing contact information to keep your information up-to-date.

1. Press [redacted] and tap **.**
2. Tap a contact to display it, and then tap > **Edit**.

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap any field you want to change or add. See Add a Contact.
4. Add or edit the information, and then tap **Save**.

Assign a Stored Picture to a Contact

Adding a picture to a contact entry creates a more personal and easily recognized entry. For example, when receiving a call from one of your contacts, the associated picture will display. Below are procedures for adding a picture already stored in your Gallery.

1. Press [redacted] and tap **.**
2. Tap a contact to display it, and then tap > **Edit**.

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap or the currently assigned picture, and then tap **Picture**. See Open Gallery for more information.

4. Tap an onscreen image to prepare it for use.
5. Touch and drag along the sides of the blue border box to begin cropping the desired area, tap **Done**, and then tap **Save** to assign selected picture.

Assign a New Picture to a Contact

Below are procedures for adding a picture to a contact through taking a new photo.

1. Press and tap .
2. Tap a contact to display it and then tap > **Edit**.

Tip: You can also touch and hold the contact and then tap **Edit**.

3. Tap or the currently assigned picture, and then tap **Take picture**.
4. Tap until the shutter sounds. See Take Pictures for more information.
5. Touch and drag along the sides of the blue border box to begin cropping the desired area.
6. Tap **Done** to assign the picture. Tap **Save** to save the contact.

Assign a Ringtone to a Contact

You can assign a special ringtone to individual contacts for more personalization.

1. Press and tap .
2. Tap a contact to display it.
3. Tap **Ringtones** and choose from the following:
   - **Default**
   - **Ringtones**
     - When you tap a ringtone, you will hear a sample.
   - **Go to My Files**
     - You can assign a ringtone from your music library by selecting **Go to My Files** > [music folder].
4. Tap **OK** to assign the ringtone.

Join a Contact

When you have contacts from various sources (Gmail, phone, Facebook, etc.), you may have multiple similar entries for a single contact. Your phone's Contacts application lets you link multiple entries into a single contact.

1. Press [redacted] and tap .
2. Tap a contact to display it, and then tap > **Join contact**.
3. Tap another entry to link it to the original contact.

Note: You can join up to five contacts in a single entry.

Delete a Contact

You can delete a contact from the contacts details page.

1. Press [redacted] and tap .
2. Tap a contact to display it, and then tap > **Delete**.

Tip: You can also touch and hold the contact and then tap **Delete**.

3. Tap **OK**.

Synchronize Contacts

Syncing data from your managed accounts allows you to add and manage a new or existing contact from your online or remote accounts to your phone. Prior to syncing, you must first have an active Google or Corporate account with current Contact entries, and be signed into your account via the phone.

With syncing, any Contacts entries (with phone numbers, email addresses, pictures, etc.) are updated and synced with your Samsung Galaxy NOTE II.

For more information about syncing existing managed accounts.

To synchronize Gmail contacts:

1. Press [redacted] > and then tap **Settings** > **Accounts and sync.**
2. Tap the Gmail account to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to synchronize (**Sync Calendar**, **Sync Contacts**, **Sync Gmail**, **Sync Google Photos**, **Sync Google+**, **Sync Google Play Books**, **Sync Google Play Music**, **Sync Internet**, **Sync Picasa Web Albums,** and **Sync Wallet**). A green checkmark indicates the feature is enabled.

Note: In order to use **Sync Picasa Web Albums**, Picasa must be downloaded through your Gmail credentials.

4. Press to return to the previous screen.

To synchronize Microsoft Exchange ActiveSync contacts:

1. Press > and then tap **Settings** > **Accounts and sync.**
2. Tap the **Microsoft Exchange ActiveSync** account to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to immediately synchronize.
    - **Sync Calendar** synchronizes your Exchange calendar entries between your phone and the remote Exchange server.
    - **Sync Contacts** synchronizes the contacts between your phone and the remote Exchange server.
    - **Sync Email** synchronizes your exchange email to any updated email existing on the remote Exchange server.
    - **Sync Tasks** synchronizes your exchange calendar task entries between your phone and the remote Exchange server.

Note: Any change on either side (**Phone**, **Google**, or **Microsoft Exchange ActiveSync** Contacts), is reflected on the other side after a sync process. The process of updating your Contacts tab can take several minutes. If after 10-20 minutes, your list has not been updated, repeat steps 2-3.

Your Contacts tab then reflects any updated Contact information.

- This update process works both ways. For example, any changes on the phone are updated to your Gmail Contacts list after sync.

Syncing of contacts requires you are logged into your Gmail and Corporate accounts via the phone.

Add Entries to Your Favorites

The Favorites tab is a listing that can help you quickly access your most used or preferred Contacts entries.

1. Press and tap .
2. Touch and hold the entry name from the Contacts tab listing.
3. From the **Contacts Entry** context menu, tap **Add to favorites**.

Note: Another method to add or remove an entry from your favorites is to toggle the state of the star icon on the Contact's details page (upper-right). Tap to add the entry to your favorites (star is lit), tap again to remove.

Add Facebook Content to Your Contacts

You can add your Facebook contacts' information, such as pictures, email, and phone numbers directly to your Contacts list. All of the current contacts' information is then migrated over to your phone.

Note: You must first have an active Facebook page populated with friends sharing their contact information.

If a Contacts entry already exists in with a slightly different name, separate entries are created and can later be linked (joined) together into a single entry. See Join a Contact.

Add Your Facebook Friends to Your Contacts

Before you can add your friends, you must add your Facebook account to the list of managed and synchronized accounts. This process is similar to synchronizing your email accounts.

This process not only synchronizes your contact information but also your status, events, and more.

1. Press [redacted] > and tap **Settings** > **Accounts and sync.**
2. Tap the Facebook account to reveal the account's synchronization settings screen.
3. Tap **Sync Contacts** to sync your Facebook contacts. If you want to synchronize immediately, tap **Sync now**.

Create Groups

This feature allows you to add a new or existing contact to a call group. This group can be one of the already present groups (Family, Friends, or Work) or a user-created group.

To create a new group:

1. Press [redacted] and tap > **Groups**.
2. Press and tap **New**.
3. Tap the **Group name** field and enter a name for the new group.
4. Tap **Group ringtone** and select a ringtone for the group.
5. Tap **Vibration pattern** and select a vibration pattern for the group.
6. Tap **Add member** and select a member or members to add to the new Group list.

7. Tap **Done** when you are finished adding members, and then tap **Save**.

To add an existing contact to a current group:

1. Press [redacted] and tap > **Groups**.
2. Tap the existing group and the tap > **Edit** > **Add member.**
3. From the list of contacts, tap the contact(s) you want to add. (A green check-mark appears next to the selected entries.)
4. Tap **Done** > **Save**.

To send a message to a group:

1. Press [redacted] and tap > **Groups**.
2. Tap an existing group and then tap > **Send message**.
3. Select the recipients of the new message (indicated by a green checkmark) and then tap **Done**.
4. Type your message, and then tap .

Share a Contact

You can quickly share contacts using Bluetooth, email, Gmail, or text messaging.

1. Press [redacted] and tap **.**
2. Tap a contact to display it, and then press and tap **Share namecard via**.
3. Send the current contact information to an external recipient via one of the following:
   - **Bluetooth** to send the information via Bluetooth. See Bluetooth for information on pairing and sending via Bluetooth.
   - **ChatON**: to send the contacts to selected buddies.
   - **Dropbox**: to upload the entries to your remote Dropbox Web storage location.
   - **Email** to send the information as an email attachment. If prompted, select an email account. Address the message, add a subject and a message, and then tap **Send**. See Compose and Send Email for details on sending email.
   - **Gmail** to send the information as a Gmail attachment. Address the message, add a subject and a message, and then tap **Send**. See Send a Gmail Message for details.

- **Messaging** to send the contact information as an MMS message attachment (.vcf file). Select a contact or enter a wireless phone number or email address, enter any additional information, and then tap **Send**. For more information on text messaging, see Text Messaging and MMS.
- **Wi-Fi Direct** to send the information via a phone-to-device connection.

Note: Prior to using the Bluetooth feature, it must first be enabled, and the recipient's device must be visible.

Accounts and Messaging

With Sprint service and your phone's messaging capabilities, you have the opportunity to share information through many different channels and accounts.

Gmail / Google

Email

Text Messaging and MMS

Social Networking Accounts

Gmail / Google

You will need a Google account to access several phone features such as Gmail, Google Maps, Google Talk, and the Google Play applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your phone and your online Google account.

Create a Google Account

Sign In to Your Google Account

Access Gmail

Send a Gmail Message

Read and Reply to Gmail Messages

Create a Google Account

If you do not already have a Google account, you can create one online or using your phone.

Note: You can also create and sign into your Google/Gmail account through your phone's Setup application.

Although you need a Gmail account to use certain features of your phone, such as Google Play, you do not need to use Gmail as the default account for your phone.

Create a Google Account Online

1. From a computer, launch a Web browser and navigate to www.google.com.
2. On the main page, click **Sign in** > **SIGN UP**.
3. Follow the onscreen prompts to create your free account.

4. Look for an email from Google in the email box you provided, and respond to the email to confirm and activate your new account.

Create a Google Account Using Your Phone

You will need a Google account to access several phone features such as Gmail, Google Maps, Google Talk, and the Google Play applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your phone and your online Google account.

1. Press [redacted] > and tap **Settings** > **Accounts and sync**.
2. Tap **Add Account** > **Google** > **New**.
3. Follow the onscreen prompts to create your free account.

Sign In to Your Google Account

Below are procedures for signing into your Google account.

1. Launch an application that requires a Google account (such as Play Store or Gmail).
2. Tap **Existing** and then enter your existing username and password.

Note: If you do not already have a Google account, tap **New** and follow the onscreen prompts to create your new account.

3. Tap **Sign in**. Your phone communicates with the Google servers to confirm your information.

Access Gmail

Below are procedures for accessing your Gmail account.

1. Press [redacted] and tap > (**Gmail**).
2. Do any of the following:
   - **View more email messages**: If the Inbox is full, swipe your finger up the screen to view more messages and conversations.
   - **Read a new email message**: Tap the unread message or the conversation with an unread message (just-arrived items display in bold).
   - **Select messages and conversations**: Tap the box before the email or conversation.
   - **View the Inbox of another Gmail account**:

- Tap **Inbox** at the top of the screen and then tap the inbox of the Gmail account you want to view.

Send a Gmail Message

Below are procedures for sending a Gmail.

1. Press and tap > .
2. From the Inbox, tap .
3. Enter the message recipient's email address in the **To** field.
   - You can add as many message recipients as you want.

Note: To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap > **Add Cc/Bcc**.

4. Tap the **Subject** field and enter the email subject.
5. Tap the **Compose email** field and compose your email.
   - To add a picture attachment, tap > **Attach file**.
6. To send the message, tap .
   - To save the current email as a draft, tap > **Save draft**. To later view your draft email messages, from the Inbox, tap **Inbox** and then tap **Drafts**.
   - To delete the current email message, tap > **Discard**.

Read and Reply to Gmail Messages

Below are procedures for reading and replying to Gmail messages.

1. Press and tap > .
2. Tap a message to display its contents.

Tip: You can also access new messages through the Notifications bar. When a new Gmail message arrives, you'll see the icon in the Notifications bar. Touch and hold the bar and slide it down to display notifications. Tap a message to display it.

3. Tap to display the reply screen.
4. Tap Reply and then tap **Reply**, **Reply All**, or **Forward**.
   - For **Reply** or **Reply All**, enter an additional message.

- For **Forward**, enter or select recipients and then enter an additional message.

5. To send the message, tap .

Email

Use the Email application to send and receive email from your webmail or other accounts, using POP3 or IMAP. You can also access your Exchange ActiveSync email and other features on your phone.

Add an Email Account

Add a Corporate Email Account

Setting Up a Corporate Email Account

Compose and Send Email

View and Reply to Email

Manage Your Email Inbox

Corporate Email Features

Edit Email Account Settings

Delete an Email Account

Add the Mail Widget

Add an Email Account

Email allows you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

1. Press and tap > **Settings** > **Accounts and sync** > **Add account** > **Email**.

Note: You can also add email and corporate email accounts from the Email application. Tap > > **Settings**, and then tap to display the Set up email screen.

2. Enter your email address in the **Email address** field.
3. Enter your password in the **Password** field and then tap **Next**.
   - Tapping **Next** prompts your phone to attempt a "regular" email setup and test the incoming and outgoing servers. If you have custom settings you need to configure, tap **Manual setup** and enter your settings. These may include mail type, user name, password, server, security type, etc.

Tip: If you want to see your password as it is being typed, tap **Show password**.

4. At the **Account options** screen, tap the **Email check frequency** drop-down list box and select how often you would like your email to be checked.
5. Tap any of the other options you would like to create a checkmark.
6. Tap **Next**.
7. Enter a name for this email account (optional).
8. Tap **Done**.

Add a Corporate Email Account

The main Email application also provides access to your Outlook Exchange server via your phone. If your company uses Microsoft Exchange Server 2003, 2007, or 2010 as the corporate email system, you can use this email application to wirelessly synchronize your email, Contacts, and Task information directly with your company's Exchange server.

Important! This Outlook application does not utilize Microsoft® ActiveSync® to synchronize the phone to your remote Exchange Server. This synchronization is done wirelessly over the air (OTA) and not via a direct connection.

Use the following procedure to synchronize your phone with a corporate email account.

1. Press [redacted] > and tap **Settings** > **Accounts and sync** > **Add account** > **Microsoft Exchange ActiveSync**. Proceed to Step 3 below.

Note: You can also add email and corporate email accounts from the Email application. Tap > > **Settings**, and then tap to display the Set up email screen.

2. Enter your **Email address** and **Password** information, and then tap **Next**. Consult your Network Administrator for further details.
   - **Email address**: your Outlook work email address.
   - **Password**: typically your network access password (case-sensitive).
3. Tap **Manual setup**.
4. Tap **Microsoft Exchange ActiveSync** (from the add email account screen).
5. When prompted to provide additional detailed information, scroll down the screen and tap **Next**.
6. Enter a **Domain\Username**, **Password**, and **Exchange Server** information.
   - **Domain\Username**: Use the arrow keys to place your cursor before your username and enter your network domain\desktop login username.

Important! Key info here is the **Domain** information. Maintain the "\" between the Domain and Username.

- **Password**: typically your network access password (case-sensitive).
- **Exchange Server**: your exchange server remote email address. Typically starts with **mail.XXX.com**. Obtain this information from your company network administrator. Do not accept the default entry as this is a guess based on returned information.
- If your network requires SSL encryption, tap the **Use secure connection (SSL)** field to place a checkmark in the box and activate this additional level of security.

Important! If your exchange server requires this feature, leaving this field unchecked can prevent connection.

Note: Signal interruptions or incorrect username or password information can cause completion issues.

7. Read the onscreen activation disclaimer and, if prompted, tap **Next**.
8. Configure your **Email check frequency**, **Amount to synchronize** (days to synchronize between your phone and server), and activate any other email settings, and then tap **Next**.
9. Identify your new account with a unique name and provide the outgoing name text then tap **Done**.

Note: You can have multiple Work Email (Microsoft Exchange ActiveSync) accounts active on your phone.

Compose and Send Email

Compose and send email using any account you have set up on your phone. Increase your productivity by attaching files such as pictures, videos, or documents to your email messages.

1. Press [redacted] and tap .
2. From the Inbox, tap .
3. Select an email account. Tap the **From** field and select an available account.
4. Enter the message recipient's email address in the **To** field.
   - You can add as many message recipients as you want.
   - To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap > **Add Cc/Bcc**.
5. Tap the **Subject** field and enter the email subject.

6. Tap the text entry field and compose your email.

   - To add an attachment, tap . Choose from the following: **My Files**, **Picture**, **Take picture**, **Video**, **Capture video**, **Audio**, **Record audio**, **S Memo**, **Calendar**, **Contacts**, or **Location**.

   - Tap to delete a selected attachment from your current email.

7. To send the message, tap .

   - To delete the current email message, tap > **Discard**.

View and Reply to Email

Reading and replying to email on your phone is as simple as on your computer.

1. Press and tap .
2. On the email account Inbox, tap a message to view it.
3. Tap (**Reply**), (**Reply all**), or (**Forward**) to reply to or forward the message.

   - If you're forwarding the message, add recipients in the **To** field.

4. Add a message (if desired) and then tap .

Manage Your Email Inbox

The following procedures allow you to view, refresh, sort, and delete your email messages.

View Your Email Inbox

1. Press and tap .
2. Tap the account name field (upper-left) to open the complete email account list page.
3. Select an email account and tap an email message.

Refresh an Email Account

Whatever your automatic synchronization settings are, you can also synchronize your sent and received email messages manually at any time.

1. Press and tap .

2. Select an email account.
    - If you are already in an email account, tap the account name field (upper-left) to open the complete email account list page.
    - Select an available email account.
3. Tap (**Refresh**).

Sort Email Messages

1. On the email account Inbox, tap > **Sort by**.
2. Select from the options to sort email messages by date received, sender, read/unread, favorites, attachments, or priority.

Delete an Email Message

1. On the email account Inbox, touch and hold the message you want to delete.
2. On the options menu, tap **Delete**. Tap **Delete** again to confirm.

Delete Multiple Email Messages

► Tap the checkmark boxes to the left of each email you want to delete and then tap . Tap **Delete** again to confirm.

Corporate Email Features

The following information provides details about specific email features that can enhance your experience.

Synchronize Exchange ActiveSync Email

You can set Exchange ActiveSync to automatically check for new Exchange ActiveSync email messages. See Synchronize Contacts for more information.

Flag Email Messages

For an Exchange ActiveSync account, you can flag email messages to help you keep track of them.

1. Press and tap .
2. On the email account Inbox, tap the flag icon to the right of the email message you wish to mark. The flag will turn red.

Set Out of Office Status

You can set your Out of Office status and auto-reply message right from your phone.

1. Press [redacted] and tap .
2. Tap > **More** > **Account settings** > **Out of office settings**.
3. Tap **On** and set the dates and times for the period when you will be out of the office.
4. Tap **Internal message settings** to modify the auto-replies to inter-office e-mail. Tap **External message settings** to modify the auto-replies to email received outside of your immediate office location
5. Tap **Set**.

Set Email Message Priority

You can set the priority for an email message you send with your Exchange ActiveSync account.

1. While composing the message, tap > **Priority.**
2. Choose from one of the following: **High**, **Normal**, or **Low**.

Edit Email Account Settings

You can edit settings for your individual email accounts, such as email address and password, name display and signature, frequency of retrieval, and more.

1. Press [redacted] > and tap **Settings** > **Accounts and sync.**
2. Tap next to the account field to reveal the account's synchronization settings screen.
3. Tap the account name and then tap **Settings** and configure additional account settings. If you have multiple email accounts, you may need to select the account name again.

Note: Not all options will be available for all email account types.

- **Account name** displays the name used by the phone to track the account.
- **Your name** lets you edit the name attached to emails you send from the selected account.
- **Signature**: Lets you attach a customized signature to the bottom of all outgoing emails.
  - Touch and slide

 to the right to turn it on

.

- Tap the **Signature** field, change the current text, and tap **OK** to save the new signature.

- **Default account**: Assign this account as the default email account used for outgoing messages.
- **Always Cc/Bcc myself**: allows you to include your own email address in either the CC, Bcc, or None fields. Lets you always receive a copy of outgoing emails.
- **Forward with files**: lets you include attachments when forwarding an email.
- **Recent messages**: lets you select the number of messages displayed in the Recent messages queue.
- **Show images**: allows you to view embedded images located within the body of the currently displayed email.
- **Email check frequency**: adjusts the time interval used by your phone to check your email account for new email messages.
- **Incoming settings**: Lets you specify incoming email settings, such as User name, Password, IMAP server, Security type, Port, and IMAP path prefix.
- **Outgoing settings**: Lets you specify outgoing email settings, such as SMTP server, Security type, Port, Require sign-in, User name, or Password.
- **Auto download attachments**: allows the phone to automatically download email attachments when an active Wi-Fi connection is detected. This process speeds up the process of downloading an emails attachments for offline review by not using a 3G or 4G network connection.
- **Period to sync email**: assigns the sync range for your incoming and outgoing email messages between your phone and your external exchange server. How many days worth of email messages should the phone and server synchronize. Choose from: **1 day**, **3 days**, **1 week**, **2 weeks**, or **1 month**.
- **Empty server trash**: allows you to delete your email account's trash bin remotely.
- **Sync schedule**: allows you to configure your email sync schedule.
- **Out of office settings**: allows you to both activate/deactivate your email's out of office settings, and configure both the start/ end dates and your outgoing message.
- **Size to retrieve emails**: configures the incoming email size allowed to pass through to your phone automatically without user interaction. Emails with attachments larger than configured will have to be retrieved manually.
- **Period to sync Calendar**: assigns a period for your phone to sync calendar events. Choose from: **2 weeks**, **1 month**, **3 months**, **6 months**, or **All calendar**.

- **Security options**: allows you to enable several security options such as: Encryption, Encryption algorithm, Sign, Sign algorithms, Email certificates, and Security policy list. These security policies could restrict some functions from corporate servers.
    - **Security policy list**: lists the current email's security policy. These policies could restrict some functions from corporate servers.
- **In case of sync conflict**: allows you to assign the master source on emails. If there is a conflict with the current email sync you can assign the server as the main source for all emails (**Update to device**) or assign the phone to be the main source and update the server accordingly (**Update to server**).
- **Auto resend times**: enables the phone to resend an outgoing email a specified number of times if delivery fails.
- **Email notifications**: enables the phone to display a status bar icon when new email messages have been received.
- **Select ringtone**: assigns an audible ringtone when a new or upcoming event is pending.
- **Vibrate**: assigns a vibration when a new or upcoming event is pending.
- **Exchange server settings**: provides access to the Domain\user name, Password, and Exchange server settings.
- **Incoming settings**: lets you view and adjust your incoming (POP3 or IMAP) mail server settings for the selected account.
- **Outgoing settings**: lets you view and adjust your outgoing (SMTP) mail server settings for the selected account.
- **Sync email**: synchronizes emails between your phone and the remote exchange server.
- **Sync contacts**: synchronizes the contacts between your phone and the remote exchange server.
- **Sync calendar**: synchronizes your exchange calendar entries between your phone and the remote exchange server.
- **Sync task**: synchronizes your exchange tasks entries between your phone and the remote exchange server.

4. Press twice to return to the previous screen.

Delete an Email Account

If you no longer want an email account on your phone, you can delete it through the mail settings menu.

1. Press [redacted] > and tap **Settings** > **Accounts and sync.**
2. Tap an account and tap **Remove account**.
3. Tap **Remove account** again to confirm.

Add the Mail Widget

Add the Mail widget to view your POP3/IMAP or Exchange ActiveSync email messages on a Home screen.

1. Touch and hold an open space on one of the home screens.
2. Tap **Add to Home screen** > **Apps**.
3. Tap the **Widgets** tab, and then tap and hold an email widget.
4. Release the widget into an open space on one of your home pages.

Text Messaging and MMS

With Text Messaging (SMS), you can send and receive instant text messages between your wireless phone and another messaging-ready phone.

Multimedia messages, or MMS, can contain text and pictures, recorded voice, audio or video files, picture slideshows, contact cards (vCard), or appointments (vCalendar).

See your service plan for applicable charges for messaging.

Compose Text Messages

Send a Multimedia Message (MMS)

Save and Resume a Draft Message

New Messages Notification

Managing Message Conversations

Text and MMS Options

Compose Text Messages

Quickly compose and sent text messages on your phone.

1. Press [redacted] and tap > .

2. Tap the **Enter recipient** field and enter a Contacts name, a mobile phone number, or an email address using the onscreen keyboard.
    - If applicable, tap a matching entry from the onscreen drop-down list. This list is populated by matches found from your managed accounts.
3. Tap the **Enter message** field and enter your message.
4. Review your message and tap .

Send a Multimedia Message (MMS)

When you need to add a little more to a text message, you can send a multimedia message (MMS) with pictures, voice recordings, audio or video files, contact cards (vCard), or appointments (vCalendar).

Composing MMS messages is exactly the same as composing text messages, except that you attach a picture, a video, or an audio file to the message.

1. Press [redacted] and tap > .
2. Tap the **Enter recipient** field and enter a Contacts name, a mobile phone number, or an email address using the onscreen keyboard.
3. Tap the **Enter message** field and enter your message.
4. Tap .
5. Select a multimedia attachment type:
    - **Pictures**: allows you to tap an existing image from your Pictures list to add it to your message.
    - **Take picture**: allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message by tapping **Save**.
    - **Videos**: allows you to choose an existing video from the Videos list and then add it to your message.
    - **Capture video**: allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message by tapping **Save**.
    - **Audio**: allows you to choose an existing audio file from the Audio list and then add it to your message. Tap the circle to the right of the audio so that it turns green and then tap **OK**.
    - **Record audio**: allows you to temporarily exit the message and record an audio clip using the phone's microphone. It is then automatically attached to the message.

- **S Memo**: allows you to add an S Memo that you have created. For more information, see S Memo.
- **Calendar**: allows you to add an event from your calendar.
- **Location**: allows you to attach a thumbnail of a map showing your location.
- **Contacts**: allows you to tap on an existing Contacts entry and then add it to your message by tapping **Done**.

6. To make changes to your attachment, touch and hold the image icon.
7. Select **View**, **Replace**, or **Remove**.
8. When done, tap to send the message.

Save and Resume a Draft Message

While composing a text or multimedia message, tap to automatically save your message as a draft.

To resume composing the message:

1. On the Messaging screen, tap the message with the with **Draft** on the right side.
2. Tap the message to resume editing it.
3. When you finish editing the message, tap .

New Messages Notification

Depending on your notification settings, the phone will play a ring tone, vibrate, or display the message briefly in the status bar when you receive a new text or multimedia message. To change the notification for new text and multimedia messages, see Text and MMS Options for details.

A new message icon ( ) also appears in the notifications area of the status bar to notify you of a new text or multimedia message. The Messages application icon (if shown on the Home screen) also displays the number of new messages ( ).

To open the message, touch and hold the status bar, and then slide the status bar down to open the Notifications panel. Tap the new message to open and read it. For information on reading and replying to messages see Managing Message Conversations.

Managing Message Conversations

Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads in the All messages screen. Threaded text or

multimedia messages let you see exchanged messages (similar to a chat program) with a contact on the screen.

To read a text message:

- Do one of the following:
  - On the Messaging screen, tap the text message or message thread to open and read it.
  - If you have a new message notification, slide the status bar down to open the Notifications panel. Tap the new message to open and read it.

To return to the All messages screen from a text message thread, tap .

Note: To view the details of a particular message, in the message thread, touch and hold the message to open the options menu, and then tap **View message details**.

If a message contains a link to a Web page, tap the message and then tap the link to open it in the Web browser.

If a message contains a phone number, tap the message and then tap the phone number to dial the number or add it to your contacts.

To view a multimedia message (MMS):

1. Press and tap .
2. From the message list, tap a message to open its contents.
3. While the message is open, tap the play icon (on a video or audio file) to play back the file or tap an image to view a picture.
   - The file attachment on the MMS message can be saved to the microSD card. To save the attachment, touch and hold the file. Tap > **Save attachment**. Select the attachment checkbox and tap **Save**.

To reply to a text or multimedia message:

1. Press and tap .
2. From the message list, tap a message.
3. Tap the **Enter message** field and then type your reply message.
4. Once complete, tap .

To protect a message from deletion:

You can lock a message so that it will not be deleted even if you delete the other messages in the conversation.

1. Press [redacted] and tap .
2. On the Messaging screen, tap a message thread.
3. Touch and hold the message that you want to lock.
4. Tap **Lock message** on the options menu. A lock icon displays at the lower right hand side of the message.

To delete a message thread:

1. Press [redacted] and tap .
2. Touch and hold the message thread that you want to delete.
3. Tap **Delete thread** and once prompted, tap **OK** to complete the process.

To delete several message threads:

1. Press [redacted] and tap .
2. Tap > **Delete threads**.
3. Select the message threads you want to delete and tap **Delete**.

Note: Any locked messages will not be deleted, unless you select the **Include protected messages** check box before confirming the deletion.

To delete a single message:

1. Press [redacted] and tap .
2. While viewing a message thread, touch and hold the message that you want to delete.

Note: If the message is locked, tap **Unlock message** on the **Message options** menu and then touch and hold the message to display the options menu again.

3. Tap **Delete message** on the options menu.
4. When prompted to confirm, tap **OK**.

To view contact details and communicate with a contact:

When you have received a message from someone in your stored contacts, you can tap the contact's photo or icon in the message thread to open a menu of options. Depending on the stored contact information, you can view the contact details, phone, or send an email message to the contact, and more.

Text and MMS Options

The messages settings menu lets you control options for your text and MMS messages including message limits, size settings, and notifications.

1. Press [redacted] and tap .
2. Tap > **Settings**.

Display Settings

- **Bubble style:** allows you to choose from several bubble styles for your messages. Bubbles are the boxes that surround each message.
- **Background style**: allows you to choose from several background styles for your messages.
- **Use the volume key**: allows you to change the text size by using the up or down volume keys.

Storage Settings

- **Delete old messages**: Enable this option to delete older text messages that exceed the defined maximum number of text messages limit set below.
- **Text message limit**: Sets the maximum number of text messages that can be stored on the phone (per conversation).
- **Multimedia message limit**: Sets the maximum number of multimedia messages that can be stored on the phone (per conversation).
- **Set text templates**: This screen displays your available text message reply templates. This is a readily accessible list of both default and user-defined text snippets that can be used to quickly reply to incoming messages. To add a new template, tap , enter a message, and tap **Save**.

Multimedia Message (MMS) Settings

- **Auto-retrieve:** Enable this option to automatically retrieve the entire content of your MMS message. When checked, the MMS message header, message body, and any attachments will automatically download to your phone.

- If you disable this option, only the MMS message header will be retrieved and shown in the message list.

- **Roaming auto-retrieve:** Disable this option if you only desire the MMS message headers to download while roaming. Enable this option to automatically download your complete multimedia messages even while roaming.

Notification Settings

- **Notifications**: allows you to see message notifications on your status bar.
- **Select ringtone**: allows you to set the ringtone for your message notifications.
- **Vibrate:** allows you to set vibrate options for when a new text or multimedia message arrives.

Emergency Message Settings

Important! The Commercial Mobile Alert System (CMAS) system provides the government the ability to send geographically targeted notifications of emergencies, such as threats to public safety, severe weather events, a hazardous material spill or a missing child in the phone user's area.

- **Emergency Alerts**: allows you to configure emergency alert settings. You can enable/disable those alert categories you wish to receive. Choose from: Extreme Alert, Severe Alert, Amber Alert, and Emergency Alerts Test Messages.
  - **Presidential Alerts** broadcast warning in the event of a federal emergency.

Note: The Presidential alert cannot be disabled.

  - **Extreme Alerts** broadcast an alert with warning level of extreme classification.
  - **Severe Alerts** broadcast an alert with warning level of severe classification.
  - **Amber Alerts** broadcast child abductions and relevant details.
  - **Emergency Alerts Test Messages** broadcast messages intended only to test the CMAS system.

- **Emergency notification preview**: allows you to play a sample emergency alert tone. Tap **Stop** to cancel the playback.
- **Vibrate**: allows you to select vibrate options for emergency messages.
- **Alert reminder**: allows you to configure the reminder interval. Choose from **Once**, **Every 2 minutes**, **Every 15 minutes**, or **Off**.

Social Networking Accounts

Stay in touch on the go with all your social networking accounts. Post updates on Facebook and Twitter, review your LinkedIn contacts, see what everyone's talking about from YouTube, and more.

Facebook

Post updates, read what your friends are up to, upload pictures and check-ins, and more with on-the-go Facebook access.

Note: Before using Facebook on your phone, you will need to download and install the Facebook for Android app from the Google Play Store app. Tap > **Play Store**, search for Facebook, and follow the onscreen prompts to download and install the app. For more information, see Find and Install an App.

Sign in to Your Facebook Account

1. Press > and tap **Settings** > **Accounts and Sync** > **Add account.**
2. Tap **Facebook**.
3. Read the disclaimer and tap **Agree** to continue.
4. Read the setup overview and tap **Next** to continue.
5. Enter your Facebook username and password and tap **Log in**.
6. Select the information you want your Facebook account to synchronize with your phone. Choose from:
   - **Sync Contacts** to sync your Facebook friends information and status with Social Hub and phone Contacts.
   - **Sync Message** to sync Facebook messages with corresponding Contacts and Social Hub.
   - **Sync Calendar** to sync your Facebook calendar with your phone Calendar.
7. Tap **Done**.

Note: You can also sign in to your Facebook account from the Facebook app. After downloading and installing the app, launch it from Google Play or from the apps screen. Follow the prompts to sign in to your account and select your sync preferences.

YouTube

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips,

and music videos, as well as video content such as video blogging, informational shorts, and other original videos.

YouTube is a data-intensive feature. Sprint recommends that you upgrade to an unlimited data plan to avoid additional data charges.

1. Press > > (**YouTube**).
2. Tap to open the onscreen keyboard and tap the Search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. Tap to return to the previous page.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options tap the **ACCOUNT** tab. Select an account (if available) or create a new account. (Even if you sign in to YouTube via the Web, you must separately sign in via your phone.)

Google Talk

Google Talk is a free Windows and Web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. Press > > (**Talk**).
2. Tap **ADD ACCOUNT** to add a Google account to Google Talk.
   - Tap **New** to create a new Google account, or tap **Existing** to sign in to an existing Google account.
3. After entering your user name and password, tap **Sign in**.
4. Begin using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Note: If you have already signed into your Google account, it displays on the Talk application screen.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging

with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign in to your Google account. See Sign In to Your Google Account.
2. Press [redacted] > > (**Google+**). The app will sign in to your Google account.
   - If you are signed into more than one Google account, select the account you would like to use with Google+.
3. Follow the onscreen instructions to use Google+.
4. Visit www.google.com/mobile/+/ for more information.

Google Messenger

Messenger allows you to bring groups of friends together into a simple group conversation. When you get a new conversation in Messenger, Google+ sends an update to your phone.

1. Sign in to your Google account.
2. Press [redacted] > > (**Messenger**).
3. If prompted, configure the Instant Upload parameters as desired and tap **Continue**.
4. If prompted, configure the Sync contacts parameter (Sync contacts or Don't sync) and tap **Continue**.
   - If you are signed into more than one Google account, select the account you would like to use with Google+. (Messenger is a component of Google+.)
5. Follow any onscreen setup instructions.
6. At the Messenger screen, tap to start a new message.
7. In the upper text field, enter a name, email address, or circle.
8. In the bottom message field, enter a message and then tap .
9. From the Messenger screen, tap > **Help** for more detailed information.

ChatON

The ChatON application provides a global mobile communication service where you can chat with more than 2 buddies via a group chat. Share things such as pictures, videos, animation messages (Scribbles), audio, Contacts, Calendar entries, and Location information.

Important! The Samsung account manages the access information (username/password) to several applications, such as AllShare Play, ChatOn, and Media Hub. For more information, visit: web.samsungchaton.com.

Registering with the Service

1. Confirm you have already logged in to your Samsung account. The icon should not display in the Notifications bar.
2. Press > > (**ChatOn**).
3. Read the onscreen notification about data charges and tap **OK**.
4. Select either the Terms and conditions or Privacy policy and read the onscreen information. Tap **Accept** to continue.
5. Select a country code and enter your current phone number to register with the service.
6. Choose to receive the verification code via either SMS (text message) or Voice (answering machine call) to your phone.
7. Enter your real name and tap .

Adding Your First Chat On Buddy

1. Press > > (**ChatOn**).
2. Tap **Add buddy** and choose a search method.
   - **Phone number**: to search by Country code and phone number.
   - **Search by Samsung Account ID**: to search by using a known Samsung account ID.
3. Enter the information and tap **Search**. Once the recipient is matched, their entry appears in the Results area.
4. Tap **Add Buddy** and confirm your new buddy appears in the Buddies tab.

Using ChatON for Chatting

1. Press > > (**ChatOn**).
2. Tap the Buddies tab and select a buddy to initiate your chat.
3. Enter your message using the onscreen text entry method.
4. Tap Send to send the message.

Deleting a single message bubble

1. Press [redacted] > > (**ChatOn**).
2. Launch a chat session to reveal the message string.
3. Touch and hold a message bubble and then tap **Delete**.

Applications and Entertainment

All your phone's features are accessible through the Applications list.

DivX

Google Play Store App

Navigation

Music

Google Play Movies

Sprint TV & Movies

AllShare Play

Flipboard

Media Hub

NASCAR Sprint Cup Mobile

DivX

DivX is a digital media format that provides your phone with high-quality videos.

DivX Legal Information

This device recognizes DivX® encoded media files. DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu (tap **Apps** > **Settings** > **About device** > **Legal information** > **License settings** > **DivX® VOD** > **Register**). Go to www.divx.com/vod for more information on how to complete your registration. Google, the Google logo, Android, the Android logo, Google Play, Gmail, Google Mail, Google Maps, Google Music, Google Talk, Picasa, YouTube and other marks are trademarks of Google Inc.

If you try to play DivX VOD content not authorized for your device, the message "Authorization Error" will be displayed and your content will not play.] Learn more at www.divx.com/vod.

Important! DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

Locating Your VOD Registration Number

Follow these procedures to locate your VOD registration number.

1. Press [redacted] > and tap **Settings** > **About device** > **Legal information** > **License settings** > **DivX® VOD** > **Register**.
2. Write down your Registration code.
3. Tap **OK**.

Register Your DivX Device for VOD Playback of Purchased Movies

To play purchased DivX movies on your Samsung Galaxy NOTE II phone, you will first need to complete a one-time registration using both your phone and your computer.

1. Write down the DivX registration code that appears onscreen. Copy this 8 or 10-digit number down.
2. Verify you have the latest DivX software running on your computer. Download the free player (for your computer) from www.divx.com/.
3. Open the DivX Player on your computer and from within the **VOD** menu and tap **Register a DivX Certified Device...**
   - You are prompted to log in or create a DivX account if your account information has not already been saved in DivX Player.
4. Follow the instructions in DivX Player to enter the registration code from step 2 and create a phone nickname (for example, "Kate").
5. Choose a location on your computer to download the DivX registration video with the same title as your phone nickname (for example, Kate.divx).
6. Follow the onscreen instructions to download the file and initiate the transfer process.
7. Connect your Samsung Galaxy NOTE II to the computer via USB and transfer this video.
8. From the **Registration** screen (Transfer), select **USB** (the phone) as the target destination for the registration video (created in step 6) and tap **Start**.
9. Press [redacted] > and tap (**My files**).

10. Tap a folder and scroll down or up until you locate your registration DivX video file.

11. Tap the file to play it. Once you play the registration file on your phone, your registration is complete.

Return to the DivX VOD Manager screen (from within your computer's DivX Player) and confirm both your computer and your new phone appears in the list of registered DivX devices.

Note: There is no special registration or configuration necessary to play back DRM-free DivX movies.

Registration of your phone is only required for play back of protected DivX material.

Google Play Store App

The Google Play™ Store app is the place to go to find new Android apps, games, movies, music, and books for your phone. Choose from a wide variety of free and paid apps ranging from productivity apps to games. When you find an app you want, you can easily download and install it on your phone.

To access the Google Play™ Store app, you must first connect to the Internet using your phone's Wi-Fi or Sprint 4G or 3G data connection and sign in to your Google Account. See Web and Data and Sign In to Your Google Account for details.

Important! Sprint's policies often do not apply to third-party applications. Third-party applications may access your personal information or require Sprint to disclose your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, don't use the application.

Find and Install an App

Create a Google Checkout Account

Request a Refund for a Paid App

Open an Installed App

Uninstall an App

Get Help with Google Play

Find and Install an App

When you install apps from the Google Play™ Store app and use them on your phone, they may require access to your personal information (such as your location, contact data, and more)

or access to certain functions or settings of your phone. Download and install only apps that you trust.

1. Press [redacted] and tap (**Google Play**).
2. Browse through the categories (**Apps**, **Games**, **Music**, **Books**, or **Movies**), find an app you're interested in, and tap the name.
3. Read the app descriptions.
4. Tap **Install** or **Download** (for free applications) or the price (for paid applications).

Important! Use caution with apps which request access to any personal data, functions, or significant amounts of data usage times.

Note: You need a Google Checkout account to purchase items on Google Play. See Create a Google Checkout Account to set up a Google Checkout account if you do not have one.

5. The subsequent screen notifies you whether the app will require access to your personal information or access to certain functions or settings of your phone. If you agree to the conditions, tap **Accept & download** (for free apps) or **Accept & buy** (for paid apps) to begin downloading and installing the app.
6. If you selected a paid app, after tapping **Accept & buy**, you're redirected to the Google Checkout screen to pay for the application before it's downloaded to your phone.

Warning! **Read the notification carefully!** Be especially cautious with apps that have access to many functions or a significant amount of your data. Once you tap **OK** on this screen, you are responsible for the results of using this item on your phone.

Create a Google Checkout Account

You must have a Google Checkout account associated with your Google Account to purchase items from the Google Play.

Do one of the following:

- On your computer, go to checkout.google.com to create a Google Checkout account.

  - or -

- The first time you use your phone to buy an item from the Google Play, you're prompted to enter your billing information to set up a Google Checkout account.

Warning! When you've used Google Checkout once to purchase an item from the Google Play, the phone remembers your password, so you don't need to enter it the next

time. For this reason, you should secure your phone to prevent others from using it without your permission. (For more information, see Security Settings.)

Request a Refund for a Paid App

If you are not satisfied with an app, you can ask for a refund within 24 hours of the purchase. Your credit card is not charged and the app is uninstalled from your phone.

If you change your mind, you can install the app again, but you can't request a refund a second time.

1. Press [redacted] and tap .
2. Tap > **My apps** and tap the application you want removed and refunded.
3. Tap **Refund**.

Open an Installed App

There are several options for opening an installed app.

► Press [redacted] > and tap (the application).

- or -

1. Press [redacted] > and tap **Play Store**.
2. Tap > **My Apps**. On the Download screen, tap the app to open it.

Uninstall an App

You can uninstall any app that you have downloaded and installed from Google Play.

1. Press [redacted] > and tap **Settings** > **Application manager** > **Downloaded**.
2. Tap the app you want to uninstall, and then tap **Uninstall**.
3. When prompted, tap **OK** to remove the app from your phone.
4. Once the app is removed, tap **OK** again to return to the Application manager.

Get Help with Google Play

If you ever need help or have questions about the Google Play Store app, tap > > **Help**. The Web browser will take you to the Google Play Help Web page.

Navigation

Your phone offers a number of location-based navigation programs to help you figure out where you are and get you where you're going.

Google Maps

TelenavTM GPS Navigation

Installing TeleNav GPS Navigator

Registering TeleNav GPS Navigator

TeleNav: Using TeleNav GPS Navigator

TeleNav: Getting Driving Directions

TeleNav: Creating a Favorites Location

TeleNav: Sharing a Recent Location with Others

TeleNav: Configuring Your Navigation Preferences

Google Navigation

Latitude

Google Maps

Use the Google Maps application to find directions, location information, business addresses, etc. Determine your current location with or without GPS, get driving and transit directions and get phone numbers and addresses for local businesses.

Before you begin using this feature you must activate your GPS hardware and agree to share location information with Google.

To enable your phone's GPS Location feature:

1. Press [redacted] > and tap **Settings** > **Location services**.
2. Tap **Use GPS satellites**. A green checkmark indicates the GPS location feature is enabled.
   - appears in the Notification area when the GPS is active.
   - appears in the Notification area when the GPS is communicating.

To launch the Google Maps application:

► Press [redacted] > > (**Maps**).

To use Google Maps:

1. Press [redacted] > > .
2. Tap the magnification icons to zoom in or out of the current map view. If the magnification icons aren't displayed, use the spread and pinch gestures to zoom in and out.
3. Tap to use other Google Map features.
4. Choose from: **Clear Map**, **Settings** (**Display**, **Cache**, **Location Settings**, **Labs**, **What's New**, **About**, **Feedback**, **Terms**, **Privacy & Notices**), or **Help**.

To search for a keyword:

1. Press [redacted] > > .
2. Tap .
3. Enter your search terms and tap .
   - This keyword can be a category name (such as pizza, steak, burger), a business name (Samsung, Sprint), or a Google friend who is sharing their location.
4. Tap **Results List** to see a detailed list of information corresponding to those matches now displayed on your screen with lettered pins.

Telenav™ GPS Navigation

TeleNav GPS Navigator gives you turn-by-turn directions onscreen and over speakerphone. In order to use this application, you must first turn on the Enable GPS Satellites setting.

Depending on your service plan, TeleNav may require a monthly subscription. Contact Sprint for information and pricing.

Some features may be available only with a subscription to TeleNav GPS Navigator Premium.

Installing TeleNav GPS Navigator

TeleNav GPS Navigator must be downloaded and installed from the Google Play Store app.

1. Press [redacted] and tap .
2. Tap and search for "telenav".

3. Tap **TeleNav GPS Navigator** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap > (**TeleNav GPS Navigator**).

Registering TeleNav GPS Navigator

Before you can use the TeleNav GPS Navigator, your phone and service must be registered.

1. Press > > (**TeleNav GPS Navigator**).
2. Read the disclaimer and tap **Accept** to acknowledge the terms of use.

TeleNav: Using TeleNav GPS Navigator

Below are procedures for accessing the TeleNav GPS Navigator and definitions of each feature.

1. Press > > .
2. Select an option and follow the onscreen instructions to take advantage of TeleNav's full suite of features.
   - **Drive To** lets you get driving directions from wherever you are to wherever you're going. Choices include:
     - **Set up Home**: default starting location for all driving directions.
     - **Set up Work**: alternate common starting location.
     - **Favorites**: user-defined favorite locations.
     - **Recents**: recently entered locations.
     - **Airports**: local airports based on current GPS location.
     - **Contacts**: those local addresses assigned to previously entered Contacts.
     - **Places** lets you search for locations from dozens of names or category options such as **Food/ Coffee, Gas Stations, Gas by Price, Banks/ATMs, WiFi Spots, Parking Lots, Hotels & Motels, Movie Theaters**, etc.
     - **Maps & Traffic** provides access to a 2D map of your current location, access to real-time traffic information, and other additional features.
     - **Local Apps** allows you to search for **Movies** by title, location and time.

TeleNav: Getting Driving Directions

The built-in GPS hardware (when enabled) allows you to get driving directions to selected locations or establishments based on your current location.

Using a Physical Address

1. Press > > > **Drive To**.
2. Enter an address or business in the search bar.
3. Tap a location in the **Search Results** list, and then tap any of the address fields to then enter respective information (Address, City, State/ZIP, and Country). As you enter an address, potential matches appear onscreen. Tap a match to immediately get directions to that location.

To receive turn-by-turn directions (2D):

1. Press > > > **Drive To**.
2. Enter an address or business in the search bar, and then tap **Done**.

Note: A 2D map is a flat representation of your projected driving directions. A 3D map represents the driving directions with a representation of depth.

3. Tap a location in the **Search Results** list.
4. Tap the green button containing the location address.

Using a Local Business Category

The Samsung Galaxy NOTE II can also cross-reference your current location with local business and points of interest, such as Grocery Stores, Gas Stations, Wi-Fi Spots, Malls, Hospitals, etc.

1. Press > > > **Places**.
2. Enter a keyword into the **Name or Category** field to begin retrieving matches. Once you see a matching business name, tap the entry.
3. Tap the **Category** field and then choose from one of the available category entries by tapping an onscreen entry such as: **Food/Coffee, Gas Stations, Gas by Price, Banks/ATMs, WiFi Spots, Hospitals**, etc.
   - Entries with more than one available category (a subcategory) appear with an adjacent gray arrow. These entries can be expanded and then closed.
4. Tap **Search** to store your information and begin the search.

5. Tap a matching entry based upon star ratings and distances.

To search for the lowest gas price in your area:

1. Press [redacted] > > > **Places** > **Gas** > **By Price** (**Regular, Plus, Premium, Diesel**).
2. Tap an entry from the list to display a new route to the selected gas station.

TeleNav: Creating a Favorites Location

Once you have begun using TeleNav GPS Navigator to find your destination, you can then either recall those locations and add them to your list of favorite destinations or create a new entry from one of the available location categories (Address, Business, Airport, or Contacts).

To create a My Favorites location from your Current Location:

1. Press [redacted] > > > **Drive To** > **Favorites** > **Edit** > > **Current Location**.
2. Tap **Add** to complete the process.

To create a My Favorites location from a Recent place:

1. Press [redacted] > > > **Drive To** > **My Favorites** > **Edit** > > **Recents**.
2. Tap a previous destination location from the list and tap **Add**.

TeleNav: Sharing a Recent Location with Others

Recently queried locations can be saved to your My Favorites list and also shared with other cellular phones.

1. Press [redacted] > > > **Drive To** > **Recents**.
2. Touch and hold the address of your choice.
3. Tap **Share**. Choose from: **Select from Contacts** or **Enter Phone Number**.
4. Tap **Done** and then tap **Send** to complete the delivery process.

TeleNav: Configuring Your Navigation Preferences

Below are procedures to help you configure your TeleNav preferences.

1. Press [redacted] > > .
2. Tap > **Settings**.

3. Tap an entry to change its current setting:
    - **Profile**: allows you to add personal information registered with the service.
        - **Name**: allows you to alter the current first and last name registered with the service.
        - **Email**: allows you to associate an email account with this application.
        - **Username**: allows you to add a username to your profile.
    - **General**: allows change general settings, including:
        - **Region**: displays the continent on which you are currently located.
        - **Language**: allows you to assign a current language. Default is **English (US)**.
        - **Distance Units**: allows you to alter the descriptions used for distances: **Km/Mete**rs or **Miles/Feet**.
    - **Navigation**: lets you change navigation settings, including:
        - **Route Setting**: allows you to choose the method which is used to provide you directions from Point A to Point B. Default is **Fastest**.
        - **Map Color**: allows you to alter the appearance of the onscreen map: **Auto, Daytime**, or **Nightime**.
        - **Map Style**: allows you to set up a preferred traffic display view: **2D Moving Maps** (default) or **3D Moving Maps**.
        - **BackLight**: allows you to assign the backlight settings: **Always On, On at Turns,** or **Device Default**.
        - **Traffic Incident Alert**: allows you to receive alerts about traffic issues located on your selected route.
    - **Audio**: lets you change the audio readout given during your navigation session:
        - **Audio Guidance**: allows you to setup the level of detail used for the directions when spoken: Directions & Traffic, Directions Only, Traffic Only, None.
        - **Audio During Call**: allows you to choose whether or not directions are read aloud during a phone call.
    - **Home Address**: allows you to enter your home address. This location displays on the Drive To screen for easy access.
    - **Work Address**: allows you to enter your work address. This location displays on the Drive To screen for easy access.

Google Navigation

Another Google Maps navigation application is available on your phone. It uses your current location (provided by GPS communication to your phone) to provide various location-based services.

1. Press > > (**Navigation**).
2. Read the onscreen disclaimer and tap **Accept**.
3. Choose from the following onscreen options:
   - **SHORTCUTS** tab
     - **Speak Destination** to use the voice recognition feature to search for matching locations in your area.
     - **Type Destination** to manually enter a destination address.
     - **Go home** to set your home address for easy access.
     - **Map** to display your current location on a map.
   - **CONTACTS** tab: to receive turn-by-turn directions to the address stored for a selected Contacts entry.
   - **STARRED** tab: to obtain directions to locations that have been starred within Google maps (maps.google.com).

Latitude

Latitude lets you see your friends' locations and share yours with them. The application also lets you see your friends' locations on a map or in a list.

Music

Your phone lets you discover, download, and listen to your favorite music through a variety of applications.

Sprint Music Plus

Music Player

Google Play Music

Sprint Music Plus

Sprint Music Plus is Sprint's official music store. It gives you exactly that with a full-featured music and tone manager allowing you to easily manage your music content all in one convenient place. Sprint Music Plus lets you rock out while you create music and ringtone

playlists, assign ringback tones to play for different callers, and get song recommendations based on your music tastes.

Installing Sprint Music Plus

Sprint Music Plus must be downloaded and installed from the Google Play Store app.

1. Press [redacted] and tap .
2. Tap and search for "sprint music plus".
3. Tap **Sprint Music Plus** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap > **Sprint Music Plus**.

Using Sprint Music Plus

1. Press [redacted] and then tap > (**Sprint Music Plus**).
2. Follow the onscreen instructions.

Music Player

The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching the Music Player allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. Press [redacted] and then tap > (**Music Player**).
2. Tap a library category at the top of the screen (**All**, **Playlists**, **Albums**, **Artists**, **Music square**, or **Folders**) to view the available music files.
3. Scroll through the list of songs and tap an entry to begin playback.

Google Play Music

Google Play Music lets you browse, shop, and play back songs purchased from Google Play, as well as songs you have loaded from your own music library. The music you choose is automatically stored in your Google Music library and instantly ready to play or download.

1. Press [redacted] and then tap > (**Play Music**).

2. If prompted, follow the onscreen instructions to link your current account to Google Play Music.
3. Tap an onscreen account to add it or select **Add account** to use a new account.
4. At the free songs screen, select either **Get free songs** or **Skip**.
   - Get free songs are downloaded via either the Internet or Google Play.
   - Follow the onscreen download and installation instructions.
5. Swipe left or right to browse through your music groupings (Recent, Artists, Albums, Songs, Playlists, and Genres).
6. Tap a category and then tap a song to open it and begin playback.

Changing Library View

You can change the way you view the contents of your music library.

1. Press [redacted] and then tap > .
2. Available tabs include: **RECENT**, **ARTISTS**, **ALBUMS**, **SONGS**, **PLAYLISTS**, or **GENRES**.

Note: The contents of your library display in a scrolling grid or list view, depending on the view.

Searching for Music in Your Library

1. Press [redacted] and then tap > .
2. Tap to search through your available songs.
3. Type the name of an artist, album, song, or playlist. Matching songs are displayed in a list below the search box.
4. Tap a matching song to play it, tap a matching album, artist or playlist to view a list of its songs.

Changing Music Settings

1. Press [redacted] and then tap > .
2. Tap and then make a selection.
   - **Shuffle all**: Play all songs in a random order.

- **Make available offline**: Stores non-local music files to a local folder location.
- **Offline music only**: Shows only offline local music files.
- **Settings**: Provides access to the Play Music settings.
- **Help**: Displays application help information.

Listening to Music

You can listen to music by using your phone's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset.

Press the volume keys on the side of the phone to activate onscreen volume control and then touch and drag on the scale to set volume.

Playing Music

1. Press [redacted] and then tap > .
2. Tap a song in your library to listen to it.

   - or -

   While viewing a list of songs, tap next to a song and tap **Play**.

   - or -

   While viewing a list of albums, artists, playlists, or genres, tap adjacent to the label and tap **Play**.

The Now playing screen opens and the song you touched or the first song in the album or playlist starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Note: If you navigate away from the Now playing screen in the Music application, the Now Playing bar appears at the bottom of the screen.

Displaying the Now Playing Screen

If you navigate away from the Now playing screen, to return to the Now playing screen from other Music screens:

► Tap the name of the current song in the Now Playing bar.

Tab Options

There are various options available from the various tabs:

1. Press and then tap > .
2. Select one of the following tabs and tap to access an available option.
   - **RECENT**: to display the most recently played songs and albums
   - **ARTISTS**: Play, Add to playlist, Shop for artist, or Search.
   - **ALBUMS**: Play, Add to playlist, More by artist, Shop for artist, or Search
   - **SONGS**: Play, Add to playlist, Shop for artist, Share, or Search.
   - **PLAYLISTS**: Play, Rename, or Delete.
   - **GENRES**: Play, Add to playlist, More by artist, Shop for artist, or Search.

Options While Playing a Song

When you play a song, the Now playing screen displays. There are various options and controls available while a song is playing:

1. Press and then tap > .
2. Tap an album or song.
3. From the Now playing screen, tap to display the following options:
   - **Sound effects**: Lets you apply specific equalizer settings.
   - **Show options**: View additional playback features such as shuffle and repeat.
   - **Make instant mix**: Lets you automatically compile songs of similar genre to a playlist.
   - **Settings**: Allows you to view all the Google Play Music settings.
4. Tap > **Add to playlist** to add the song to a playlist.

   - or -

   Tap > > **Add to playlist** to add the song to a playlist.
5. Tap the **ARTIST** name to view songs related to this artist.
6. Tap the **ALBUM** name to view or play other songs on the album.

Google Play Movies

The Google Play Movies application allows you to connect to the Google Play Store app, download a movie and then watch it instantly. Choose from thousands of movies, including new releases and HD titles in Google Play and stream them instantly on your Android phone. Previously rented movies are automatically added to your My Movies library across your phones. Learn more about Google Play Movies at: play.google.com/about/movies.

1. Press [redacted] and then tap > .
2. Log in to your Google account if you have not already done so. A list of videos sorted on the SD card displays in the Video list.
3. Follow the onscreen instructions for renting and viewing movies.
4. Tap the **My Rentals** tab to view movies you have rented.
5. Tap the **Personal Videos** tab to view movies you have on your phone or memory card.

Sprint TV & Movies

The Sprint TV & Movies application offers a wide variety of accessible channels. Subscription options include comprehensive basic packages as well as a full menu of “a la carte” channels. Visit www.sprint.com/tvguide for more information on channels and pricing.

Note: Available categories and content are subject to change. Visit sprintchannels.mobitv.com for more information on channels and pricing.

Installing Sprint TV & Movies

Sprint TV & Movies must be downloaded and installed from the Google Play Store app.

1. Press [redacted] and tap .
2. Tap and search for "sprint tv".
3. Tap **Sprint TV & Movies** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap > **Sprint TV & Movies**.

Note: The first time you launch the app, you may be prompted for an update. Tap **Update** and follow the onscreen instructions.

Watch TV

1. Press [redacted] and then tap > (**SprintTV & Movies**). Depending on your settings, your phone may prompt you to accept a data connection.
2. Select **Live TV, On Demand, Movies, Shop**, or **Help** to display channel options.
3. Tap an entry to select a channel from the Sprint TV listings or to select an available category.
   - The first time you access a channel, the system will prompt you to purchase access (unless the channel doesn't have a monthly fee). Tap **Subscribe** to purchase access, or tap **Preview** to view a preview of the selected channel.
4. Tap a desired clip to view the program. The clip will automatically load and begin playing.
5. Scroll through the channels to view more selections. Once you find a channel that you want to watch or listen to, simply tap it and wait approximately three seconds, and the channel begins loading.

Note: The first time you access a channel, the system will prompt you to purchase access (unless the channel doesn't have a monthly fee). Tap **Subscribe** to purchase access, or tap Preview to view a preview of the selected channel.

Tip: Scroll through the channels to view more selections. Once you find a channel that you want to watch or listen to, simply tap it and wait approximately three seconds, and the channel begins loading.

AllShare Play

The AllShare Play application wirelessly synchronizes your Samsung mobile phone with your TV, streams content, and even keeps tabs on who calls or sends text messages with real-time, onscreen monitoring. Samsung's AllShare Play makes staying connected easy.

It allows users to share their in-phone media content with other external devices using DLNA certified™ (Digital Living Network Alliance) Devices. These external devices must also be DLNA-compliant. Wi-Fi capability can be provided to TVs via a digital multimedia streamer.

Important! You must first connect both of your communicating devices to the same Wi-Fi network and be using an active/registered Samsung account prior to using this application.

Important! The Samsung account manages the access information (username/password) to several applications, such as AllShare Play, ChatOn, and Media Hub.

1. Confirm you have already logged in to your Samsung account. There should be no icon in the Notifications area of the screen.

2. Press and then tap > (**AllShare Play**).

3. If prompted, read the onscreen message about network charges and tap **Yes** to continue and return to the main AllShare Play screen.

Note: If the main screen still shows a Sign in box, close the application and restart it.

4. Tap **Start** and follow the onscreen prompts.

The application contains two separate streaming media options:

- **Web storage** allows you to receive and playback media stored externally (server, laptop, etc.) directly on your device by allowing you to add a Web storage service for streaming content.
- **Devices** allows you to stream/share selected multimedia content from your device to DLNA-compliant devices connected to the same Wireless Access Point.

Configuring AllShare Settings

The AllShare Play™ application must first be configured prior to its initial use. You must set up parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. Press and then tap > .

2. Tap > **Settings** and configure the following settings as desired:

- **Web storages**: allows you to add a Web storage locations. Without a storage service/location added, you will not be able to use AllShare Play.
- **Devices**: defaults to your phone. This indicates the source of the streaming images and videos. Use the main screen to add more external devices.
- **Setting up web services**: allows you to set up external Web services by signing in to external sites such as Facebook, YouTube, etc.
- **Auto Upload photos from mobile**: allows you to set up automatic upload of images from your device to those storage locations specified within the Web storage list.
- **Video quality settings**: allows you to set up the video quality for streamed video content.

- **Lock AllShare Play**: allows you to restrict access to AllShare Play by requiring a user enter the currently active and associated Samsung account password. Tap Locking AllShare Play to activate/deactivate the feature.
- **Language**: allows you select a display language.
- **About**: displays application information.
- **Contact Us**: allows you to contact the AllShare team via a new email from an available email account.

Setting Up Web Storage

SugarSync is a Web storage service that allows you to use up to 5GB of storage space to store your files and share them on the “Cloud”.

Note: If you are using another Web storage service, log into that service first before using AllShare Play.

1. Press and then tap > .
2. Tap and then tap the media file you want to share.

Note: If this is your first time to use the service, set up a new account by tapping **Sign up** > **SugarSync Sign Up**.

3. If you already have a current Sugar Sync account, tap **Sign in**.
4. Enter your Email address and your password.
5. Agree to the terms of service and tap **Sign up** or **Go** on your onscreen keyboard.
6. You can choose to download the SugerSync app or tap **Skip** to continue.
7. Once the process is successfully completed, the Web storage icon or name appears in the Web storage area of the main screen.

Sharing Files via Web Storage

Files can be uploaded to a Web storage location, such as SugerSync by either logging in to the service and sharing a folder on your computer with the storage location or sharing files, images, and videos from your phone.

Upload an Image from Your Device to Web Storage

1. Press and then tap > (**Gallery**).

2. Select a folder location (such as Camera) and open an image by tapping it once. This opens the image in the preview window.

Note: To select multiple images, touch and hold an image to place a colored border around the selected images.

3. Tap from the top of the Gallery screen.

Upload a Video from Your Device to Web Storage

1. Press [redacted] and then tap > (**Gallery**).
2. Select a folder location and then touch and hold a video to place a border around the selected file.
3. Tap from the top of the Gallery screen.

Sharing Media via AllShare Play to a Target Device

Follow the procedures below to share media with a device through AllShare Play.

Important! Make sure all communicating devices are connected to the same Wi-Fi network.

1. Launch AllShare on a target device, such as an Internet TV, Samsung Tablet, etc.
2. On your phone, press [redacted] and then tap > .
3. Tap your phone name under the **Devices** list.
4. Tap an available category tab (**Pictures**, **Music**, **Movies**, **Files**, or **Info**) and select a file.
   - A file with in the upper left indicates it is stored remotely on a Web storage location. Selecting this media causes your phone to access the file currently stored on your services' servers.
5. Tap an available onscreen file, image, or video and then tap to begin streaming the selected files.
6. On a target device (such as Internet TV), select the onscreen **Allow** button to continue.

Note: At this stage your device is requesting access to share media with the external source.

AllShare Play Screen Sharing via Group Cast

Follow the procedures below to share via Group Cast.

Important! Verify all of your recipients are connected to the same Wi-Fi network.

1. Press [redacted] and then tap > (**Gallery**).
2. Tap > (**AllShare Play - Group Cast**).
3. Enter a security PIN and tap **Done**.
4. Re-enter your PIN and tap **Done**. Your phone waits for other connected recipients to accept the connection and enter the PIN on their screens.

   - or -

   Tap **Start Group Cast anyway** to continue the process while your users connect.

Flipboard

The Flipboard application creates a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

1. Press [redacted] and then tap > (**Flipboard**).
2. Tap **Get started**, select the desired onscreen categories and then tap **Done**.

   - or -

1. Tap **Sign In** to log into your previously created profile.
2. Follow the onscreen instructions.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available, entertaining your family on the go was never easier. You can rent or purchase your favorite content and watch from any location. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

Note: You must have the Samsung Account application installed and registered prior to using Media Hub.

Important! You must be using an active Wi-Fi/4G connection to preview and download a media file. The internal memory acts as a storage location for your downloaded rental or purchase.

Important! The Samsung account manages the access information (username/password) to several applications, such as AllShare Play, ChatOn, and Media Hub.

Creating a New Media Hub Account

Before you can rent or buy media using Samsung MediaHub, you must first create an account. Enter the required information.

1. Press [redacted] and then tap > (**Media Hub**).
2. Read the Terms and Conditions screen and then tap the **I agree to the Terms and Conditions** check box.
3. Tap **Accept** to continue or **Decline** to exit. The Media Hub screen displays.
4. Tap > **My Profile**.
5. Confirm your Samsung account email address and enter your password. Tap **OK** to confirm.

Using Media Hub

Follow the below procedures to use Media Hub.

1. Press [redacted] and then tap > (**Media Hub**).
2. From the Media Hub screen, **What's New** displays with recently added media that you can rent or purchase.
3. The following tabs are displayed at the top of the screen:
   - **Home**: displays the Media Hub main screen.
   - **Movies**: displays movies that are available for rent or purchase. Scroll through the top navigation bar and select a movie category. The movies of that type will be displayed below.
   - **TV Shows**: displays TV shows that are available for purchase. Scroll through the top navigation bar and select a TV category. The TV shows of that type will be displayed below.
   - **My Media**: allows you to view all of the media that you have purchased or rented. Tap a media entry to view it.
4. Scroll through the media listings and tap on an item you would like to purchase or rent.
5. Tap **Buy** or **Rent**.
6. Choose a payment method and then follow the onscreen instructions. The media is stored to the **My Media** folder.

Media Hub Notices

The following information outlines notices regarding the use of Media Hub.

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
- You may choose to remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you'd like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.
- You MUST be in network coverage to license Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
- Media Content is downloaded and saved onto the SD card.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
    - Stopping, pausing or restarting rented Media Content does not extend the available viewing time.
    - In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (for example, if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- You cannot play any media content downloaded from Media Hub through any output on your mobile phone, including All Share.

NASCAR Sprint Cup Mobile

Now you have the ability to get every bit of NASCAR coverage, news, and stats right on your phone.

Installing NASCAR Sprint Cup Mobile

NASCAR Sprint Cup Mobile must be downloaded and installed from the Google Play Store app.

1. Press [redacted] and tap .
2. Tap and search for "nascar sprint cup".
3. Tap **NASCAR Sprint Cup Mobile** from the results list.
4. Tap **Install**, and then tap **Accept & download**.
5. When the download has completed, tap **Open**. To open the app from the home screen, tap > **NASCAR**.

Using NASCAR Sprint Cup Mobile

1. Press [redacted] > > (**NASCAR)**.
2. If prompted, read the permission check disclaimer, make a selection and tap **OK**. Follow the onscreen instructions until you reach the main NASCAR Sprint Cup Mobile page.
3. Tap an onscreen option to activate features that include:
   - **Home** is the main NASCAR homepage where you can view stats on a current race, choose to follow a specific driver, view special NASCAR promotions and other NASCAR-specific multimedia content.
     - Tap to return to the main NASCAR page. This applies to each of these options.
   - **Leaderboard** launches an onscreen board showing the ranking of leaders in the competition.
   - **Race Recap** provides overviews of the current races, pictures, commentary, additional photos, and race stats.
   - **SPEED** displays a list of selectable multimedia video clips from the SPEED channel that are specific to NASCAR.
   - **Point Standings** displays the total points awarded to drivers, each listed in order of position (highest to lowest).

- **My Driver** to customize your NASCAR experience by following specific drivers. Information includes driver-specific stats and NASCAR RSS feeds. You can also get additional stats, review other driver info, or change drivers.
- **Stats & Schedule** lets you track race information such as: **NSCS Recap, NNS Recap, Point Standings, Season Stats**, and **Schedule**.
- **Miss Sprint Cup** is your insider to NASCAR by providing news, information, blogs and twitter updates to the goings-on within NASCAR photos, etc. for the All-Star race.
- **Video** displays a list of selectable multimedia content. Other features include streaming multimedia content from NASCAR radio stations or other racing radio shows.
- **News & Alerts** provides you with quick access to NASCAR-specific news, photos, and driver stats. You can also customize alerts for new information such as ALL NASCAR News, Sprint Cup News, etc.
- **Twitter** lets you receive the latest Twitter updates, including those for My Driver, Media, Track, MSC, and MSC Friends.
- **Fantasy** lets you take part in online fantasy racing, access Fantasy Insight, Fantasy News, and Fantasy Videos. You will have to login using a NASCAR.COM Community login. If you do not have this information, visit www.community.nascar.com to get an account.
- **FanZone** displays a list of selectable content available to Sprint subscribers such as Sweepstakes, Video clips (footage and music) and Screensavers.
- **Settings & Help** displays help information for usage of the NASCAR application and features.
- **Exit** to quit the NASCAR application.

  - Tap > **Exit**.

Web and Data

The following topics address your phone's data connections and the built-in Web browser. Additional data-related features can be found in Accounts and Messaging, Applications and Entertainment, and Tools and Calendar.

Your phone's data capabilities let you wirelessly access the Internet or your corporate network through a variety of connections, including:

Wi-Fi

Data Services (Sprint 3G)

4G Services

Virtual Private Networks (VPN)

Browser

Sprint Hotspot

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's Wi-Fi, you need access to a wireless access point or "hotspot".

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Turn Wi-Fi On and Connect to a Wireless Network

By default, your phone's Wi-Fi feature is turned off. Turning Wi-Fi on makes your phone able to discover and connect to compatible in-range Wi-Fi networks (or WAPs - wireless access points).

Turn Wi-Fi on:

- Press [redacted] > and tap **Settings** > **Wi-Fi**. The On/Off slider displays ON when Wi-Fi is active.

Tip: You can also turn Wi-Fi on and off through the Notifications panel. Drag the Notifications panel down and tap **Wi-Fi** to enable or disable Wi-Fi.

Note: Wi-Fi networks are self-discoverable, which means no additional steps are required for your phone to connect to a Wi-Fi network. It may be necessary to provide a user name and password for certain closed wireless networks.

To connect to a Wi-Fi network:

1. Press [redacted] > and tap **Settings** > **Wi-Fi**.
2. The network names and security settings (Open network or Secured with xxx) of detected Wi-Fi networks are displayed.
   - When you select an open network, you will be automatically connected to the network.
   - When you select a secured network, you will need to enter the wireless password to connect to the network. Enter the password and tap **Connect**. You can use the **show password** option to display the password as you enter it.

To manually add a new network connection:

1. Tap **Add network**.
2. Enter the Network SSID. This is the name of your Wi-Fi network.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target network.
4. Tap **Save** to store the new information and connect to the Wi-Fi network.

Note: The next time your phone connects to a previously accessed or secured wireless network, you are not prompted to enter the wireless password again, unless you reset your phone back to its factory default settings.

To manually scan for a Wi-Fi network:

1. Press [redacted] and then tap > **Settings** > **Wi-Fi**.
2. Tap **Scan**.

Check the Wireless Network Status

The following information is designed to help you check your wireless connection.

1. Press [redacted] and then tap > **Settings** > **Wi-Fi**.
2. Tap the wireless network that the phone is currently connected to. You will see a message box showing the Wi-Fi network name, status, speed, signal strength, and other details.

Note: If you want to remove the phone's wireless network settings, tap **Forget** on this window. You will need to enter the settings again if you want to connect to this wireless network.

3. The following icons show your Wi-Fi connection status at a glance:

Wi-Fi is connected and active.

Wi-Fi active but there is a communication issue with the target Wireless Access Point (WAP).

Connect to a Different Wi-Fi Network

The following information is designed to help you connect your device to a different Wi-Fi network.

1. Press [redacted] > and tap **Settings** > **Wi-Fi**.
   - Detected Wi-Fi networks are displayed. To manually scan for available Wi-Fi networks, on the Wi-Fi settings screen, tap **Scan**.
2. Tap another Wi-Fi network to connect to it.

Note: If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, and tap **Add network**. Enter the wireless network settings and tap **Save**.

Data Services (Sprint 3G)

With your Sprint service, you are ready to start enjoying the advantages of data services. The following topics will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your phone.

Important! Certain data services requests may require additional time to process. While your phone is loading the requested service, the touchscreen keyboard may appear unresponsive when in fact it is functioning properly. Allow the phone some time to process your data usage request.

Your Data Services User Name

When you buy your phone and sign up for service, you're automatically assigned a user name, which is typically based on your name and a number, followed by "@sprintpcs.com". (For example, the third John Smith to sign up for Sprint data services might have jsmith003@sprintpcs.com as his user name.)

When you use data services, your user name is submitted to identify you to the Nationwide Sprint Network. Your user name is automatically programmed into your phone. You don't have to enter it.

Update Your User Name

If you choose to change your user name and select a new one online, or make any changes to your services, you must then update the profile on your phone.

1. Press [redacted] > and tap **Settings** > **System update**.
2. Tap **Update Profile**.

Launch a Web Connection

Follow the below procedure to launch a Web connection.

► Press [redacted] > (**Internet**). (Your data connection starts and you see the home page.)

The Browser automatically launches when a Web link is touched from within either an email or a text message.

Note: The first time you access the Web on your phone, you may be prompted to sign in with your phone number. Enter your number and tap **Ok**.

4G Services

4G is a service that must be included in your service plan and also available within your area. 4G coverage is currently available in only certain markets. For more details on 4G availability go to: www.sprint.com/4G and click the **See the coverage map** link from the bottom of the page.

Note: If 4G service is not included in your service plan, the 4G icon will not appear in the Notifications area.

4G is up to 10x faster than 3G (based on download speed comparison of 3G's ~600 kbps vs. 4G's ~ 6 Mbps). (Actual speeds may vary.)

Not all services are available on 4G and coverage may default to 3G/separate network where 4G unavailable.

Important! 4G service must be added to your account before attempting a connection to the 4G network.

Depending on which icons appear within the Notifications area, your services and features will change. The following table indicates what functions and features are available when combinations of these service icons appear:

Icon	Description
3G	**3G Phone Coverage Available** – Phone coverage available only, no 3G/4G data available. 4G turned Off.
3G	**3G Phone and Data Available** – Sprint 3G data and voice service is available and active. 4G is turned Off.

	3G Available - No 4G coverage – Sprint 3G data and voice service is available and active. 4G is turned On but there is no 4G coverage (disconnected from network).
	3G unavailable - 4G Available – No 3G data available. Sprint 4G is turned on and coverage is available, 4G signal strong.

Virtual Private Networks (VPN)

From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

Prepare Your Phone for VPN Connection

Set Up Trusted Credential Storage

Add a VPN Connection

Connect to a VPN

Disconnect From a VPN

Prepare Your Phone for VPN Connection

Depending on the type of VPN you are using at work, you may be required to enter your login credentials or install security certificates before you can connect to your company's local network. You can get this information from your network administrator.

Before you can initiate a VPN connection, your phone must first establish a Wi-Fi or data connection. For information about setting up and using these connections on your phone, see Launch a Web Connection and Turn Wi-Fi On and Connect to a Wireless Network.

Set Up Trusted Credential Storage

If your network administrator instructs you to download and install security certificates for VPN access, you must first set up the phone's secure credential storage.

1. Press [redacted] > and tap **Settings** > **Security**, and then tap **Screen lock** > **Password**.
2. Enter a new password (at least eight characters without any spaces), tap **Continue**, re-enter the password, and then tap **OK**.
3. Tap **Trusted credentials** and then tap your preferred System and User credentials.

You can then download and install the certificates needed to access your local network. Your network administrator can tell you how to do this.

Add a VPN Connection

The following procedures outline the method to use when adding a VPN connection.

1. Press [redacted] > and tap **Settings** > **More settings** > **VPN**.
2. Tap **Add VPN network**, and then enter the information for the VPN you want to add.
   - Information includes **Name**, **Type**, **Server address**, **PPP encryption (MPPE)**, and **Show advanced options**.
3. When finished, tap **Save**.

The VPN is then added to the VPNs section of the VPN settings screen.

Connect to a VPN

The following describes how to connect to a VPN.

1. Press [redacted] > and tap **Settings** > **More settings** > **VPN**.
2. In the VPNs section, tap the VPN that you want to connect to.
3. When prompted, enter your login credentials, and then tap **Connect**. When you are connected, the VPN connected icon appears in the notification area of the title bar.
4. Open the Web browser to access resources such as intranet sites on your corporate network.

Disconnect from a VPN

The following describes how to disconnect from a VPN connection.

1. Touch and hold the title bar, and then drag down to open the Notifications panel.
2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your phone has disconnected from the VPN, the VPN disconnected icon displays in the notification area of the title bar.

Browser

Your phone's Web browser gives you full access to both mobile and traditional websites on the go, using 3G, 4G, or Wi-Fi data connections.

Learn to Navigate the Browser

Browser Menu

Select Text on a Web Page

Go to a Specific Website

Adjust Browser Settings

Reset the Browser to Default

Set the Browser Home Page

Create Bookmarks

Create a New Homepage

Add Bookmarks to Your Home Screen

Learn to Navigate the Browser

Navigating through menus and websites during a data session is easy once you have learned a few basics.

Note: Before you access the SprintWeb home page, you may be asked to enter your 10-digit wireless phone number and tap **OK**. Entering your phone number is not required for access to other Web pages.

Scrolling

As with other parts of your phone's menu, you'll have to drag up and down to see everything on some websites.

To scroll through a website's page:

- ► Touch and drag across or up and down a page.

Selecting

To select onscreen items or links:

- ► Drag across a page, and then tap an onscreen link to select the link.

Links, which are displayed as underlined text, allow you to jump to Web pages, select special functions, or even place phone calls.

Pinching and Zooming

Zooming in and out on a Web page can be done now without the need of an onscreen zoom tool. Just use your fingers to pinch in or spread out on the screen.

To zoom in:

1. Place your thumb and index finger on the screen.
2. Expand them outward (spread) to zoom in.

To zoom out:

1. Place your thumb and index finger on the screen.
2. Bring them together (pinch) to zoom out.

Go Back

To go back one page:

► Touch on your phone. Repeat this process to keep going back through your Web page history of recently visited pages.

Go to a Web Page

1. Tap the **Address** field (top of the browser window) and enter a new Web address.
   - As you enter the address, possible matches are displayed within an onscreen list. Tap an entry to launch the desired website.
2. Tap **Go** to launch the new page.

Browser Menu

The browser menu offers additional options to expand your use of the Web on your phone.

Open the Browser Menu

The browser menu may be opened anytime you have an active data session, from any page you are viewing.

1. Press and tap > .
2. From any open Web page, tap . Options available within the browser menu include:
   - **Forward**: forwards the browser to another web page.
   - **New window**: displays a new window so you can browse multiple URLs.
   - **Add bookmark**: allows you to add a URL to your bookmark list
   - **Add shortcut to home**: allows you to add a shortcut to your Home screen.
   - **Share page**: allows you to share the page using Gmail or as a message.
   - **Find on page**: allows you to search in the current page.
   - **Desktop view**: allows you to assign the browser to display the current page in the desktop view (to closely mimic the display as it would appear on a Desktop computer).

- **Save for offline reading**: saves the Web page so you can read it later even when offline.
- **Brightness and colors**: allows you to adjust the brightness and color of your display.
- **Downloads**: displays the download history.
- **Print**: allows you to print the screen or Web page on a Samsung printer using Wi-Fi.
- **Settings**: allows you to modify your Web settings. For more information, refer to Adjust Browser Settings.

Select Text on a Web Page

You can highlight text on a Web page and copy it, search for it, or share it.

1. While on an active Web page, scroll to the area containing the desired text.
2. Touch and hold the screen area to select any word or character within the content.
3. Touch and drag across the screen and highlight the desired text. The selected text will appear highlighted.
4. Select an onscreen option:
   - (**Select all**): Tap to select all text on the Web page.
   - (**Copy**): Tap to copy the selected text.
   - (**Share**): Tap to share the item using one of the following options: **Bluetooth**, **ChatON**, **Dropbox**, **Email**, **Flipboard**, **Gmail**, **Google+**, **Messaging**, **S Memo**, or **Wi-Fi Direct**.
   - (**More**): Tap to select one of the following:
     - **Find**: to search for all instances of the selected text within the Web page.
     - **Web Search**: to search for the selected text on the Web.

Go to a Specific Website

Just like any other browser, you can use the URL field to enter a website address and go to a specific website.

1. Tap the **URL** field and enter a website address.

- As you type the address, if your desired website appears within the suggested sites list, tap the entry to begin surfing.

2. Tap **Go**.

Note: Not all websites are viewable on your phone.

Adjust Browser Settings

You can change the page settings for your browser, including default zoom level, pop-up blocking, display options, and setting your home page. You can also change your browser's security and privacy settings, including history, cache, whether or not to save passwords, and other data settings.

1. Press and tap > .
2. From any open Web page, tap > **Settings**.
3. Navigate to the Page content settings area and select from one of the following page settings:
   - **General**
     - **Set home page**: Sets the current home page for the Web browser.
     - **Form auto-fill**: allows you to fill in Web forms with a single tap.
     - **Auto-fill text**: allows you to enter text to be used in the Form auto-fill feature.
   - **Privacy and security**
     - **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process.
     - **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process.
     - **Show security warnings**: Notifies you if there is a security issue with the current website.
     - **Accept cookies**: Allows sites that require cookies, to save and read cookies from your phone.
     - **Clear all cookie data**: Deletes all current browser cookie files.
     - **Remember form data**: Allows the phone to store data from any previously filled out forms. Remove the checkmark to disable this function.
     - **Clear form data**: Deletes any stored data from previously filled out forms. Tap **OK** to complete the process.

- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords**: Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Enable notifications**: Enables notifications for all websites. Choose from: **Always on**, **On demand** (user driven), or **Off**.
- **Clear notifications**: Clears Web notification access for all websites. Tap **OK** to complete the process.

▪ **Accessibility**

- **Force zoom**: allows you to override the website's request to control zoom.
- **Text size**: allows you to preview the text size. You can also adjust the following using a slider bar: **Scale text up and down**, **Zoom amount on double tap**, and **Minimum font size**.
- **Minimum font size**: allows you to set the minimum font size using a slider bar.
- **Inverted rendering**: allows you to preview a website with inverted colors (black becomes white and vice versa). Tap **Inverted rendering** to activate the feature and tap the **Contrast** slider bar to adjust the color contrast.
- **Contrast**: allows you to set the contrast when using Inverted rendering.

▪ **Advanced**

- **Select search engine**: allows you to set your default search engine to Google, Yahoo!, or Bing.
- **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
- **Enable JavaScript**: Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
- **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.

- **Default storage**: Allows you to set your default storage to Phone or Memory Card.
- **Website settings**: View advanced settings for individual websites.
- **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
- **Open pages in overview**: Shows an overview of newly opened Web pages.
- **Auto-fit pages**: Allows Web pages to be resized to fit as much of the screen as possible.
- **Block pop-ups**: Prevents popup advertisement or windows from appearing onscreen. Remove the checkmark to disable this function.
- **Text encoding**: Adjusts the current text encoding.
- **Reset to default**: Clears all browser data and resets all settings to default.

▪ **Bandwidth management**

- **Preload search results**: Allows the browser to preload high confidence search results in the background to help speed up searches.
- **Load images**: Allows Web page images to be loaded along with the other text components of a loaded website.

▪ **Labs**

- **Quick controls**: allows you to open quick controls and hide the app and URL bars by swiping your thumb from the left or right edge of the screen.
- **Full screen**: allows you to access Full screen mode and hide the status bar.

Reset the Browser to Default

You always have the option to restore your browser to its default settings.

1. Press [redacted] and tap > .
2. Tap > **Settings** > **Advanced** > **Reset to default**
3. Tap **OK** to complete the process.

Set the Browser Home Page

Customize your Web experience by setting your browser's home page.

1. Press [redacted] and tap > .

2. Tap > **Settings** > **General** > **Set home page**.
3. Select **Current page**, **Blank page**, **Default page**, or **Other**.
   - If you select **Other**, enter a URL for the new home page and tap **OK**.

Create Bookmarks

Make browsing easier by setting up and using custom bookmarks.

1. From any open Web page, tap . Three tabs are revealed:
   - **Bookmarks**: Displays a list of your current Web bookmarks.
   - **History**: Displays a record of your browsing history. These records are organized into folders such as: **Today** and **Last 7 days**.
   - **Saved pages**: Displays a list of Web pages that have been visited the most.
2. Tap **Add** (first entry in the **Bookmarks** tab).
3. Enter a descriptive name for the new bookmark and tap **OK** to store the new entry to your Bookmarks list.

Create Bookmarks From Other Tabs

1. From any open Web page, tap .
2. Tap either the **History** or **Saved pages** tab.
3. Touch and hold an entry from the list to display an onscreen popup menu.
4. Tap **Add bookmark** to add the selected entry to your current list of bookmarks.

   - or -

1. Repeat steps 1 and 2 above.
2. Tap the star icon adjacent to a website address. The star now turns gold. This adds the “starred” website to your current Bookmarks list.

Create a New Homepage

Follow the below procedures to create a new homepage.

1. From any open Web page, tap .
2. Tap either **History** or **Saved pages**.
3. Touch and hold an entry from the list to display an onscreen popup menu.

4. Tap **Set as homepage** to assign the selected entry as your new homepage.

Add Bookmarks to Your Home Screen

Follow the below procedures to add bookmarks to the phone's home screen.

1. From any open Web page, tap .
2. Touch and hold an existing entry from the list to display an onscreen popup menu.
3. Tap **Add shortcut to Home** to add the selected entry to your Home screen.

Sprint Hotspot

Sprint Mobile Hotspot allows you to turn your phone into a Wi-Fi hotspot. The feature works best when used in conjunction with 4G data services (although 3G service can also be used). See 4G Services for more information.

To set up Sprint Hotspot:

1. Press [redacted] and tap > (**Sprint Hotspot**)
2. Tap the ON/OFF slider next to **Sprint Hotspot** to toggle Sprint Hotspot ON and activate the service.
   - When active, the Notifications area of the status bar shows **Hotspot activated**.

Note: Connect your charger to your phone if you plan to use Sprint Hotspot for an extended period.

Important! Upon activation, any current Wi-Fi connection to an access point is terminated.

To connect to Sprint Hotspot:

1. Enable Wi-Fi on your target phone (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the phone and select your hotspot from the network list.
   - The network name for Sprint Hotspot on your phone will be in the form of **SPH-L9 0 0 XXX**. (“XXX” represents a three-digit number unique to your phone.)You can change the name by tapping **Sprint Hotspot settings** from the Sprint Hotspot screen.
3. Select this phone and follow your onscreen instructions to enter the passkey (provided on the Sprint Hotspot page).
4. Launch your Web browser to confirm you have an Internet connection.

To adjust your Sprint Hotspot settings:

1. Press [redacted] and tap > > **Configure**.
2. Configure the **Router name** (**SSID**), device visibility (**Hide my device**), **Security** [Open, WPA PSK, or WPA2 PSK], **Password**, password visibility (**Show password**), and advanced options (including Broadcast channel and Maximum connections).
3. Tap **Save** to store the new hotspot settings.

Camera and Video

You can use the camera or camcorder to take and share pictures and videos. Your phone comes with an 8.0 megapixel camera with an autofocus feature that lets you capture sharp pictures and videos.

Take Pictures

Record Videos

Camera Settings

Camcorder Settings

View Pictures and Videos Using Gallery

Video Maker

Working with Photos

Photo Editor

Share Photos and Videos

Take Pictures

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

Open the Camera

Follow the below procedure to access your phone's camera.

- To open the camera in photo mode and take photos, press and tap > (**Camera**).

Viewfinder Screen

You'll find the following controls on the Viewfinder screen.

- (**Front/back lens**): allows you to set the front camera so you can take pictures of yourself or video chat.
- (**Flash**): Tap to switch between various camera flash modes.
- (**Shooting mode**): allows you to set the mode type for image output.
- (**Focus mode**): allows you to set the focus to **Auto focus**, **Macro**, or **Face detection.**
- (**Settings**): allows you to access the menu panel and lets you change the camera settings.
- (**Camera / Camcorder Mode**): allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Slide the button up for Camera, or down for Camcorder.
- (**Shutter release**): Tap this button to take a photo or begin capturing video. Tap it again to stop capturing video.
- (**Gallery**): Opens the Gallery application so you can browse through and view the photos and videos on your storage card.

- **Volume key:** Zoom in and out of the image.

Review Screen

After capturing a photo or video, the review screen lets you save, view, send, or delete the picture or video by tapping a button at the bottom of the screen.

After you take a photo or shoot a video, you can access various options from the Pictures and Videos Image Viewer.

Available options are:

- (**Share**): offers several ways to share your picture or video. Options are: **Group Cast**, **Flipboard**, **Picasa**, **S Memo**, **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **ChatON**, **Dropbox**, **Google+**, **Email**, and **Gmail**.
- (**Slideshow**) allows you to see your photos in a slideshow or access the slideshow settings.
- (**Delete**): allows you to delete the current picture. Tap **OK** to delete or **Cancel**.
- (Menu): allows you to select one of the following:
  - **Face tag**: allows you add embedded tag information about those in your image.
  - **Copy to clipboard**: allows you to copy one or more pictures to a different folder.
  - **Rotate left**: allows you to rotate the view of the current image in a counterclockwise direction.
  - **Rotate right**: allows you to rotate the view of the current image in a clockwise direction.
  - **Crop**: provides an on-screen box that allows you to crop the current picture. Tap **Save** to update the image with the new dimensions or tap Discard to ignore any changes.
  - **Edit**: launches the photo editor application. This application can be downloaded from the Google Play Store.
  - **Set picture as**: allows you to assign the current image as a Contact photo, Home and lock screens, Home screen wallpaper, or Lock screen wallpaper.
  - **Buddy photo share**: allows you to share the current image with active ChatON buddies.
  - **Print**: allows you to print the current image on a compatible Samsung printer.

- **Rename**: allows you to rename the current file.
- **Scan for nearby devices**: allows you to scan for in-range devices that can be connected to and sent the current image.
- **Details**: files details such as Title, Type, Date taken, Album, Location, Latitude, Longitude, etc.

Take a Picture

You can take high-resolution pictures using your phone's 8.0 MP digital camera.

1. From the main Home screen, tap **Camera** to activate the camera mode.

Note: The main Home screen initially contains the Camera icon. If you delete it, or if you want to access the camera from another Home screen, you must tap > .

2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
   - Before you take a picture, use the Up and Down Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).
   - If desired, before taking the photo, you can tap onscreen icons to access various camera options and settings.
   - You can also tap the screen to move the focus to the area you touch.
3. Tap until the shutter sounds.

Note: The number of JPEG pictures remaining on the selected media appears in the upper-right of the screen. This is an approximate number of total pictures that can be taken at the current image size.

To enable the GPS icon, tap > **GPS tag** > **On**.

Close the Camera

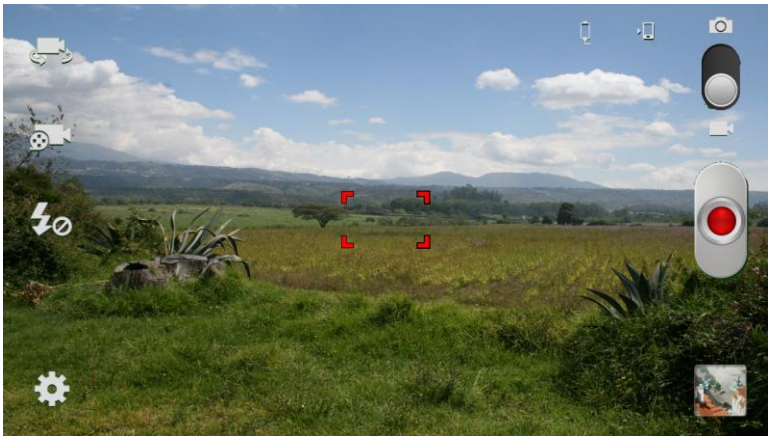
Follow the procedure below to close your phone's camera.

► On the camera screen, press or tap .

Record Videos

In addition to taking pictures, you can record, view, and send videos with your phone's built-in video camera.

1. Press and tap > .
2. Slide to to activate camcorder mode.
3. Holding the phone in landscape mode, use the display screen as a viewfinder and aim the camera lens at your subject.
4. Tap to begin recording.



   - Touch any area on the screen to change the focus area during a recording.
   - Tap to take a picture of the focused area.
5. When you want to pause or stop recording, tap again.

Camera Settings

Open the menu panel to change the camera settings. You can also switch between photo and video modes from the menu panel.

Change Advanced Settings

To change the advanced settings on your camera, refer to the following procedures.

► Tap in the menu panel to display the Settings menu and access more camera settings. You can change the following settings from the Settings menu:

- **Edit shortcuts:** allows you to set shortcut icons for the settings that you use the most.
- **Self portrait:** allows you to set the front camera so you can take pictures of yourself or video chat.

- **Flash:** allows you to set the flash options to **Off**, **On**, or **Auto flash**.
- **Shooting mode:** allows you to set the shooting mode. Choose from the following options:
  - **Single shot**: takes a single photo and view it before returning to the shooting mode.
  - **Burst shot**: allows several photographs to be captured in quick succession by pressing and holding the shutter button.
  - **HDR**: takes pictures in HDR (High Dynamic Range) mode to increase image detail.
  - **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
  - **Beauty**: adjusts the contrast to smooth facial features.
  - **Panorama**: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area wherein the second part of the panoramic picture should fall.
  - **Cartoon**: gives your photo a cartoon look.
  - **Share shot**: uses Wi-Fi Direct to share your pictures quickly with your friends.
  - **Buddy photo share**: uses face recognition from pictures in your contacts to send your friends or family pictures of themselves.
- **Scene mode** allows you to set the Scene to help take the best pictures possible. Options include **None, Portrait, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall Color, Firework, Text, Candlelight,** and **Backlight**. Helpful tips are shown for each scene mode at the bottom of the display screen.
- **Exposure value** allows you to adjust the overall image brightness. Use the onscreen slider to adjust the value. Choose from **+2, +1, 0 (default), -1,** or **-2**.
- **Focus mode** allows you to set this option to Auto focus, Macro, or Face detection. Use Macro mode to take close-up pictures. Face detection causes the camera to automatically recognize if there is a face in the shot. It then optimizes the focus and exposure for the face. Use Auto focus for all others.
- **Timer**: allows you to set a timer for how long to wait before taking a picture. Options include: **Off, 2 sec, 5 sec,** and **10 sec**.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: **None, Negative, Black and white,** and **Sepia**.

- **Resolution**: allows you to set the image size to: **8M (3264x2448)**, **W6M (3264x1836)**, **3.2M (2048x1536)**, **W2.4M (2048x1152)**, **W0.9M (1280x720)**, or **0.3M (640x480)**.
- **White balance**: allows you to set this option to one of the following choices: **Auto, Daylight, Cloudy, Incandescent,** or **Fluorescent**.
- **ISO**: ISO determines how sensitive the light meter is on your digital camera. Choose from **Auto, 100, 200, 400**, or **800**. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots
- **Metering**: allows you to set how the camera measures or meters the light source: **Center-weighted, Spot**, or **Matrix**.
- **Anti-Shake**: reduces image blur due to the movement of the subject of the photo or hand movement.
- **Auto contrast**: provides a clear image even under backlight circumstances where intensity of illumination can vary excessively.
- **Guidelines**: allows you to turn the guidelines **On** or **Off**.
- **Image quality**: allows you to set the image quality to: **Superfine, Fine**, or **Normal**.
- **GPS tag**: allows you to turn GPS **On** or **Off** (also known as Geotagging). The location of where the picture is taken is attached to the picture. (Only available in Camera mode.)
- **Storage**: allows you to configure the default storage location for images or videos as either **Phone** or **MicroSD card** (if inserted).
- **Reset**: allows you to reset all camera or camcorder settings to the default values.

Camcorder Settings

Open the menu panel to change the camcorder settings. You can also switch between photo and video modes from the menu panel.

Change Advanced Settings

To change the advanced settings on your camcorder, refer to the following procedures.

► Tap in the menu panel to display the Settings menu and access more camera settings. You can change the following settings from the Settings menu:

- **Edit shortcuts**: allows you to set shortcut icons for the settings that you use the most.

- **Self-recording**: allows you to set the front camera so you can take videos of yourself or video chat.
- **Flash**: allows you to set the flash options to **Off** or **On**.
- **Recording mode**: allows you to set the recording mode to either **Normal** (limited only by available space on the destination location) or **Limit for MMS** (limited by MMS size restrictions).
- **Exposure value**: allows you to adjust the brightness level.
- **Timer**: allows you to set a timer for how long to wait before taking a video. Choose from: **Off**, **2 sec**, **5 sec**, or **10 sec**.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Choose from: **None**, **Negative**, **Black and white**, or **Sepia**.
- **Resolution**: allows you to set the image size to one of the following: **1920x1080**, **1280x720**, **720x480**, **640x480**, or **320x240**.
- **White balance**: allows you to adjust color casts in your video. Choose from: **Auto**, **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**.
- **Anti-Shake**: reduces image blur due to the movement of the subject of the video or hand movement.
- **Guidelines**: allows you to turn the guidelines **On** or **Off**.
- **Video quality**: allows you to set the level of detail in your video. Choose from: **Superfine**, **Fine**, or **Normal**.
- **Storage**: allows you to configure the default storage location for images or videos as either **Phone** or **Memory card** (if inserted).
- **Reset**: allows you to reset all camera or camcorder settings to the default values.

View Pictures and Videos Using Gallery

Using the Gallery application, you can view photos and watch videos that you've taken with your phone's camera, downloaded, or copied onto your storage card.

For photos that are on your storage card, you can do basic editing such as rotating and cropping. You can also easily make a photo as your contact picture or wallpaper and share photos with your friends.

Open Gallery

The Gallery is where you can access the Gallery of stored camera images.

1. Press [redacted] and tap > (**Gallery**).
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. From the image folder, do one of the following:
   - Touch and hold any desired images to select them (indicated by a light blue outline).
   - Tap an image to display it in full screen view.

Note: A complete list of **More** menu options is available only if a single image is selected.

4. Press [redacted] to close the Gallery.

Folders in your storage card that contain photos and videos will also be treated as albums and will be listed below the preset albums. The actual folder names will be used as the album names. If you have downloaded any photos and videos, these will be placed in the **All downloads** album.

While viewing pictures in the Gallery, scroll up the screen to view more albums. Simply tap an album to view the photos or videos in that album.

Note: Depending on the number of pictures stored on the microSD card, it may take some time for Gallery to load all your photos on the screen.

View Photos and Videos

After selecting an album from the Albums tab, you can browse through the photos and videos of that album in either photo pile or grid view. Tap a photo or video to view it in full screen.

Viewing Photos

► Tap a thumbnail to view the picture. See Review Screen.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. Touch and hold a video to select it. A light blue outline will appear around the thumbnail. Choose from the following options:
   - (**Share**): offers several ways to share your picture or video. Options may include: **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **YouTube**, **Dropbox**, **ChatON**, **Google+**, **Email**, and **Gmail**.
   - (**Slideshow**) allows you to see your videos in a slideshow or access the slideshow settings.

Note: The Slideshow icon displays only in Landscape mode.

- (**Delete**): allows you to delete the current video. Tap **OK** to delete or **Cancel**.

2. Tap a thumbnail to play the video.

Zoom In or Out on a Photo

There are two ways you can zoom in or out of a photo.

► Tap the screen twice quickly to zoom in and then tap the screen twice quickly again to zoom out.

- or -

You can also use pinch and spread to zoom in or out. See Touchscreen Navigation.

Watch Video

The screen automatically switches to landscape mode when you play a video. Use the onscreen controls to play, pause, or stop the video.

The video is displayed in full screen size. You can tap to make it best fit on the screen based on the video size. Tap the button again to change back to full screen size.

You can play these high-definition MP4 video formats in **Gallery**:

- H.263 profile 0 @ 30 fps, WVGA (800x480), max 2 Mbps
- MPEG-4 simple profile @ 30 fps, 720p (1280x720), max 6 Mbps
- H.264 baseline profile @ 30 fps, 720p (1280x720), max 6 Mbps

Working with Photos

You can touch and hold on a photo to open a selection menu and choose what to do with it. You can choose to delete the photo, rotate or crop it, and more.

Rotate and Save a Photo

To rotate or save your photo, follow the below procedures.

1. Press and tap > .
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap > **Rotate left** or **Rotate right.**

The rotated picture is saved in your default storage location as a copy.

Crop a Photo

The crop your photos, follow the below procedures.

1. Press [redacted] and tap > .
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap > **Crop.**
4. To adjust the crop box size, touch and hold the edge of the box. When directional arrows appear, drag your finger inward to or outward to resize the crop box.
5. To move the crop box to the part of the photo that you want to crop, drag the crop box to the desired position.
6. Tap **Done** to apply the changes to the picture.

The cropped picture is saved along with the original copy in your default storage location.

Photo Editor

The Photo Editor application provides basic editing functions for pictures that you take on your phone. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing the picture.

Installing the Application from Samsung Apps

Follow the below procedures to install Photo Editor from Samsung Apps.

Note: You must sign in to your Samsung account before accessing Samsung apps.

1. Press [redacted] and tap > .
2. Tap **Search**, enter “photo editor,” and tap .
3. Tap **Photo Editor** to display details, and then tap **Get** to download the app.
   - If prompted, enter your Samsung password, tap **Confirm**, and then tap **Get** again.

Using Photo Editor

Follow the below procedures to use Photo Editor.

1. Press [redacted] and tap > .
2. Tap **Select image** to edit a picture in your Gallery.

3. Tap **Take picture** to take a picture with the camera.
4. Tap the picture and it is loaded into the Photo editor.
5. Use the following Photo editor controls to edit your picture:
   - **Undo**: undo the most recent photo adjustment.
   - **Redo**: redo the most recent undone photo adjustment.
   - **Resize**: allows you to resize the current image.
   - **Rotate**: allows you to rotate a photo in all 4 directions. You can also mirror image a photo.
   - **Crop**: allows you to crop a photo to customize a size.
   - **Color**: allows you to access color options including **Auto**, **Brightness**, **Contrast**, **Saturation**, **Adjust RGB**, **Temperature**, **Exposure**, **Hue**, **Darken**, or **Lighten**.
   - **Effect**: allows you to add various effects to your photo.
   - **Decoration**: allows you to placed **Frames**, **Stickers**, or **Multi-grids** on your image. You can also use the Pen and Eraser tools.
6. Tap to access the following options:
   - **Select image**: selects an existing image from your Gallery and starts a new Photo editor project. Be sure and save the photo you are working on before starting a new project.
   - **Take picture**: launches the camera and allows you to take a new picture to then use as a new Photo editor project.
   - **Save**: saves your photo to your gallery.
   - **Share via**: allows you to share your photo via **Bluetooth**, **ChatON**, **Dropbox**, **Email**, **Facebook**, **Flipboard**, **Gmail**, **Google+**, **Group Cast**, **Messaging**, **Picasa**, **S Memo**, or **Wi-Fi Direct**.
   - **Set as**: sets the new image as either your **Contact photo**, **Home and lock screens**, **Home screen wallpaper**, or **Lock screen wallpaper**.

Share Photos and Videos

The Gallery application lets you send photos and videos using email or multimedia messages. You can share photos on your social networks (such as Facebook, Picasa, and Twitter) and share videos on YouTube. You can also send them to another phone or your computer using Bluetooth.

Send Photos or Videos by Email

You can send several photos, videos, or both in an email message. They are added as file attachments in your email.

1. Press and tap > .
2. Tap the album that contains the photos or videos you want to share.
3. Tap the photos you want to send.
4. Touch the screen and then tap > **Gmail** or **Email**.
5. Compose your message and then tap or .

Note: If you selected **Email** and you have multiple email accounts, the default email account will be used.

Send a Photo or Video by Multimedia Message

Although you can send several photos or videos in a multimedia message, it may be better to send one at a time, especially if the files are large in size.

1. Press and tap > .
2. Tap the album that contains the photos or videos you want to send.
3. Tap the photo or video you want to send.
4. Touch the screen and then tap > **Messaging**.
5. Compose your message and then tap .

Send Photos or Videos Using Bluetooth

You can select several photos, videos, or both and send them to someone's phone or your computer using Bluetooth.

1. Press and tap > .
2. Tap the album that contains the photos or videos you want to send.
3. Select the photos or videos you want to send.
4. Touch the screen and then tap > **Bluetooth**.

In the next few steps, you'll be asked to turn on Bluetooth on your phone and connect to the receiving Bluetooth phone so the files can be sent. For more information, see Bluetooth.

Share Photos or Videos on Google+

1. Press and tap > .
2. Tap the album that contains the photos or videos you want to send.
3. Tap the photo or video you want to send.
4. Touch the screen and then tap > **Google+**.
5. Compose your message and then tap .

Share Photos on Picasa

You need to be signed in to a Google Account to upload pictures to the Picasa™ photo organizing service.

1. Press and tap > .
2. Tap the album that contains the photos or videos you want to share.
3. Select the photos you want to share.
4. Touch the screen and then tap > **Picasa**.
5. Select the online album where you want to upload the pictures.
6. Tap **Upload**. You can view the photos online at picasaweb.google.com.

Share Videos on YouTube

You can share your videos by uploading them to YouTube™. Before you do this, you must create a YouTube account and sign in to that account on your phone.

1. Press and tap > .
2. Tap the album that contains the videos you want to share.
3. Select the video you want to share.
4. Touch the screen and then tap > **YouTube**.
5. Enter the prompted information, such as description and tags, and select a privacy option.

6. Tap **Upload**.

Tools and Calendar

Learn how to use many of your phone's productivity-enhancing features.

Calendar

Alarm & Timer

Calculator

My Files

Voice Services

Bluetooth

Kies Air

microSD Card

Update Your Phone

Calendar

Use Calendar to create and manage events, meetings, and appointments. Your Calendar helps organize your time and reminds you of important events. Depending on your synchronization settings, your phone's Calendar stays in sync with your Calendar on the Web, Exchange ActiveSync calendar, and Outlook calendar.

Add an Event to the Calendar

Add events to your Calendar to help you organize your time and remind you of important events.

1. Press [redacted] and tap > (**Calendar**).

Note: To synchronize calendar events among your Google and Corporate accounts, make sure they are being managed by your phone. See Accounts and Messaging for more information.

- The default view for the Calendar is the **Month** view.
- To change the view, tap the available tabs along the right side of the Calendar screen. (To display the view options in portrait mode, tap the circle in the upper-right corner.) Choose from **Year**, **Month, Week, Day**, **Agenda**, and **Task**.

2. Double-tap a day to which you would like to add an event to reveal the **Add event/Add task** screen.
3. Assign the new calendar event to a current account by tapping the **Calendar** field and then selecting an account. For this example we are choosing a Corporate account.
    - **My calendars** are calendar entries that are stored locally on the phone and not part of an email account.
    - **Google/Gmail** are calendar entries that are synchronized between your phone and your online Google account.
    - **Corporate** are calendar entries that are synchronized between your phone and either an Exchange Server or available from within Microsoft® Outlook®.

Note: Some of the previous options appear when compatible email accounts (such as Outlook) have been created and synced.

4. Tap the **Tap to enter title** field and enter a title for the event.
5. Select a **From/To** time for the event by tapping the corresponding fields, and adjusting the month, day, and year.
    - Tap **Set** when finished.
6. Select a time for the event by tapping the time field and then adjusting the hour and minute.
    - Tap the **AM** or **PM** column to change the value.
    - Tap **Set** when finished.
7. Select a **Time zone**.
8. Tap the **All day** field to assign this as an all day event. If assigned as an all day event, the time fields are removed as options.
9. Select a recurrence cycle for the event by tapping the **Repeat** field.
    - **One-time event**, **Daily, Every weekday (Mon~Fri)**, **Weekly (every [day])**, **Monthly (every [number] [day])**, **Monthly (on day [number])**, or **Yearly (on [month] [day])**.
10. Enter a location for the event in the **Location** field or tap to select the location on the a map.
11. Enter a description for the event in the **Description** field.
12. Select an alarm time by tapping the **Reminders** field.
    - Select an interval or tap **Customize** to enter your own reminder time.

- Customize allows you to manually enter a desired number. Tap **Set** to complete the custom assignment.

13. Enter participants in the **Participants** field.
14. Tap **Show me as** to select your displayed availability.
15. Tap Privacy to select who is allowed to see this event. **Private** allows only the selected participants to view the event on your calendar. **Public** allows anyone with access to your calendar to view the event.
16. Tap to the right of **Memo** to add an **S Memo** file as an attachment. For more information, see S Memo.
17. Tap to the right of **Pictures** to add an image from the Gallery or take a new picture using the camera.
18. Tap **Save** to store the new event and synchronize it with your selected account.

Event Alerts

When your phone is turned on and you have an event alarm scheduled, your phone alerts you and displays the event summary. There are several ways your phone alerts you to scheduled events:

- By playing the assigned ringtone.
- By showing the **Alert** screen.

Event Reminders

When your phone is turned on and you have an event alarm scheduled, there are several ways your phone alerts you to scheduled events:

- By playing a short beep.
- By indicating an icon within the Status bar.

To view additional options:

1. Tap the **Status** bar, and then slide your finger down the screen to open the **Notifications** panel.
2. Tap the upcoming event name from the onscreen list to display the event within the **Calendar** notifications screen.
3. Tap an option.

- **Set snooze duration** to set the length of time to allow before you are reminded of the event. Choose from: **3 minutes**, **5 minutes**, **10 minutes**,**15 minutes**, or **30 minutes**.
- **Snooze** to be reminded of the event at a future time.
- **Dismiss** to dismiss the reminder.

View Events

The following procedure helps you view your calendar events.

1. Press [redacted] and tap > . Once an event has been created, entries are shown in the default view.
2. To view a Calendar event farther out, tap either **Week** or **Month**.
3. Tap the day for which you would like to view events. (Your phone lists events in chronological order.)
4. To display an event's details, tap it from the current screen.

Day and Agenda Views

Day view displays a list of the events of one day.

Agenda view shows a list of all your events in chronological order.

The color bars on the left side of the events indicate the type of calendar that includes the event.

When in Day view, slide left or right across the screen to view earlier or later days.

Week View

Week view displays a chart of the events of one week.

When in Week view:

- You can touch and hold on a time slot to create a new event at that time.
- Tap an event to view its details.
- Slide left or right across the screen to view earlier or later weeks.

Month View

In Month view, you'll see markers on days that have events.

When in Month view:

- Tap a day to view the events of that day.
- Touch and hold a day to create a new event.
- Slide up or down to view earlier or later months.

Erase Events

The following procedures show you how to erase your calendar events.

1. Press [redacted] and tap > .
2. Open the calendar event details:
   - In **Agenda, Day**, and **Week** views, tap the calendar event you want to delete.
   - In **Month** view, tap the date where the calendar event occurs, and then tap the calendar event.
   - In **Year** view, tap the month in which the event is located.
3. Tap > **Delete**.
4. In the Delete confirmation box, tap **OK**.

   - or -

   If the calendar event is recurring, select **Only this event**, **This & future events**, or **All events**, and tap **OK**.

Alarm & Timer

Use the following methods to create an alarm event.

1. Press [redacted] and tap > (**Clock**). This allows access to the alarm and media application screen.
   - **Alarm**: This feature allows you to set an alarm to ring at a specific time.
   - **World clock**: allows you to view the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: You can use this option to measure intervals of time.
   - **Timer**: You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

2. Tap (**Create alarm**) to create an alarm.
3. To activate an existing alarm, tap the clock icon.
4. To edit an alarm, tap the entry and then tap the Time field to adjust the alarm time.
    - Adjust the hour and minute.
    - Tap the AM or PM button to change the value.
    - Tap **Set** when finished.

Note: The number of hours and minutes left before the alarm goes off is briefly displayed onscreen after you set the new alarm time.

5. Tap the **Alarm repeat** field to select a repeating status for the alarm.
6. Tap **Alarm type** to select **Melody**, **Vibration**, **Vibration** and **melody**, or **Briefing**.
7. Tap **Alarm volume** to adjust the volume level of the alarm.
8. Tap **Alarm tone** to select an audio ringtone that will sound with the alarm.
    - Tap **Sounds** and then tap a ringtone to hear an audio sample. Tap **Go to My Files** to select a music or other audio file from your library.
    - Tap **OK** to accept the ringtone assignment.
9. Tap **Snooze** to set a Duration (**3**, **5**, **10**, **15**, or **30 minutes**) and **Snooze repeat** (**1**, **2**, **3**, **5**, or **10 times**) to set whether or not the snooze activation alerts you more than once. Tap the ON/OFF slider to activate.
10. Tap **Smart alarm** to track body movements and calculate the best time for sounding the alarm. Place the phone somewhere on your bed, and then the phone's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the **Duration** and the **Tone**. Tap the ON/OFF slider to activate.
11. Select a unique name for this alarm event by tapping the **Name** field and entering a new name.
12. Tap **Save** to store the new alarm event.

To delete an Alarm event:

1. Press and tap .
2. Touch and hold a desired alarm event.
3. From the onscreen context menu, tap **Delete**.

Calculator

Your phone comes with a built-in calculator.

1. Press [redacted] and tap > (**Calculator**).
2. Enter numbers by tapping the onscreen keyboard.
3. Touch and hold **C** to clear all numbers.

S Memo

The S Memo application allows you to create memos using the keyboard, your finger, or both. You can add images, voice recordings, and text all in one place.

View the S Memo Screen

Follow the steps below to explore the S Memo app.

1. Press [redacted] and tap > (**S Memo**).
2. From the S Memo screen, tap to access the following options:
   - **Search**: Tap to search for a saved memo.
   - **Delete**: Touch one or all memos and then tap **Done**.
   - **Sort by**: Set whether to sort the memo list by **Date (most recent)**, **Date (oldest)**, **Type**, **Title**, **Tag**, **Containing voice**, **Text**, or **Favorites**.
   - **View by list**/**View by thumbnail**: Tap to view your existing memos in a list or thumbnail (default) view.
   - **Share via**: Select one or all memos, tap **Done**, and then touch **Group Cast**, **Flipboard**, **Picasa**, **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **Dropbox**, **ChatON**, **Google+**, **Email**, or **Gmail** to send memos to another device or person.
   - **Export**: Select an export location (To Gallery or PDF), select one or all memos, and touch **Done**.
   - **Sync**: Tap **Google Docs** or **Evernote** to back up your memos. Tap one or all memos, and then tap **Sync**.
   - **Create folder**: Enter a name for a folder in the Folder name field and touch **OK**.
   - **Rename**: Touch a memo or folder, enter the new memo or folder name, and touch **OK**.
   - **Move**: Move a memo to a folder.

- **Copy**: Copy the selected memo to the clipboard.
- **Lock**: Lock the selected memo using your PIN lock.
- **Print**: Tap one or all memos, tap **Print**, and then send the memos to a Samsung printer.
- **Settings**: The S Memo settings are:
  - **Auto Sync**: Sync your settings on your phone or save them to you Samsung account.
  - **Change PIN**: Set a PIN number to use to lock your memos.
  - **Screen timeout**: Tap to select the length of time that the screen will display when you are in the S Memo application. Choose from **15 seconds**, **30 seconds**, **1 minutes**, **2 minutes**, **5 minutes**, or **10 minutes**.
  - **Handwriting language update**: Tap to update the software that translates your handwriting into text.
  - **Auto hide toolbar**: Tap to hide the toolbar when entering a memo.
- **Tutorial**: Displays a tutorial that explains various S Memo details.

Create a New S Memo

Follow the steps below to create a new memo or expand or reply to an existing memo using the S Memo app.

1. Press [redacted] and tap > .
2. Tap an existing Memo to open it and then tap the screen to enter edit mode.

   - or -

   Tap to start a new memo in text mode with the keyboard displayed or tap to start a new memo in drawing mode using your finger or a compatible onscreen writing tool. You can change back and forth in a memo to add text with the keyboard and the pen.

Note: If you delete the S Memo shortcut from any screen, you can still access the application by tapping > .

3. Tap to access the following options:

Note: Depending on whether you have saved the memo, are in keyboard mode, or in S Pen mode, the options will appear differently. The following is a list of the options you may see.

- **Rename**: allows you to change the current memo title.
- **Share via**: allows you to share your memo using **Group Cast**, **Flipboard**, **Picasa**, **Bluetooth**, **Wi-Fi Direct**, **Messaging**, **Dropbox**, **ChatON**, **Google+**, **Email**, or **Gmail**.
- **Handwriting-to-text**: allows you to transcribe handwriting into text.
- **Export**: allows you to save the memo to your Gallery or as a PDF.
- **Sync**: allows you to sync the current memo with either Google Docs or Evernote.
- **Save as**: allows you to save the memo with a different name.
- **Add picture**: allows you to add an image to the current memo. Choose from: **Picture**, **Take picture**, **Clip Art**, **Clipboard**, or **Map**.
- **Add tag**: allows you to set tags to add in searches.
- **Add as favorite**: allows you to tag the current memo as a favorite.
- **Change background**: allows you to set the background for your memo. Swipe the screen to the left or right to select a background and then tap **Done**.
- **Link to Calendar**: allows you to link the memo to your Calendar.
- **Lock**: allows you to lock the memo by using a PIN number.
- **Set as**: allows you to set a memo as a contact icon, Home screen wallpaper, Lock screen wallpaper, or a widget.
- **Print**: allows you to print the screen or Web page on a Samsung printer using Wi-Fi.

4. When you are finished creating your memo, tap **Save** on the top menu bar.

S Suggest

The S Suggest application provides onscreen recommendations for applications that are specifically supported and made for use on your phone.

Note: Access to this feature requires that you already be logged in to your Samsung account application.

1. Press and tap > (**S Suggest**).
2. Read the terms and conditions.

3. Place a check mark in the Agree field then tap **Agree**.
4. Select an application from one of the available categories (Picks, Categories, Games, Friends, and Info).
5. Follow the onscreen download and installation instructions.

My Files

My files allows you to manage your manage your sounds, images, videos, Bluetooth files, Android files, and other memory card data in one convenient location. This application allows you to launch a file if the associated application is already on your phone.

1. Press [redacted] and tap > (**My files**).
2. The following folders display:
   - **Sdcard:** this folder displays all of the files saved to your microSD card.
   - **extSdCard**: this folder display files saved on your phone.

Note: Different folders may appear depending on how your phone is configured.

Dropbox

Dropbox works to provide access to your desktop files directly from your phone. This applications allows you to bring your files with you when you're on the go, edit files in your Dropbox from your phone, upload photos and videos to Dropbox, and share your selected files freely with family and friends.

The in-phone application works in conjunction with a partner program placed on a target computer using an active Internet connection.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your dropbox on your computer, and it's automatically updated to the same folder on your other devices.

Download the Desktop Application

Follow the procedures below to download the desktop application.

1. Use your computer's browser to navigate to: http://www.dropbox.com/.
2. Follow the onscreen setup and installation instructions on your target computer containing the desired files.

Important! The computer application must be installed on the computer containing the desired files. This computer must have an active Internet connection.

Note: The Dropbox service offers 2GB of free “Cloud” storage.

Note: It might be necessary to configure your router’s firewall settings to allow this application to gain access to the Internet.

Accessing Dropbox on Your Device

Follow the procedures below to access the Dropbox app.

1. Press [redacted] and tap > (**Dropbox**).
2. Tap **I’m already a Dropbox user**, enter your current account credentials, and tap **Log in**.

   - or -

   Tap **I’m new to Dropbox** and follow the onscreen instructions to register for a new account.
3. Follow the onscreen instructions.
4. Initially, you will need to configure your Camera upload parameters. Choose from Wi-Fi only or Wi-Fi or data plan.

Important! Enabling this feature can incur data charges (depending on your plan) if the Wi-Fi or data plan is selected.

5. Tap at the top of the application window to access the files and folders you area currently sharing from your computer.
6. Tap an item to select it. Tap **Upload** to upload it to the Dropbox location.
7. From Dropbox, touch an onscreen item to choose from additional options:
   - **Favorite** to tag an image as a favorite.
   - **Share via** to share items using Copy link, Bluetooth, ChatOn, Email, Gmail, Messaging, S Memo, Web storage Upload, or Wi-Fi Direct.
   - **Export** to transfer the current file to another location. Choose from: Save to SD card, Bluetooth, ChatOn, Email, Gmail, Messaging, Picasa, S Memo, Screen Share, Web storage Upload, Wi-Fi Direct, or Gallery.
   - **Delete** to erase the current file.

Manually Uploading a Picture to Dropbox

Follow the below procedures to manually upload pictures to the Dropbox app.

1. Press and tap > .
2. After the image is taken, tap the Image Viewer box at the bottom right. This previews the current image.
3. Tap the image to reveal the image options at the top of the screen.
4. Tap > **Dropbox**, select a folder location, and tap **Upload**.

Note: If your share folder is located on your computer, you will momentarily receive an onscreen popup notifying you that a new image was uploaded to your shared Dropbox folder.

Voice Services

The following information will guide you through using Voice Services.

S Voice

Your phone's S Voice is a voice recognition application used to activate a wide variety of functions on your phone. This is a natural language recognition application.

This goes beyond the Google Search Voice Actions feature that simply recognizes Google commands and search terms. You can ask it questions (Is it raining in Dallas?) or give it commands (Show me where to find cheap gas).

1. Press and tap > (**S Voice**).
2. Navigate through the following onscreen tutorial screens by reading the information and tapping **Nex**t, or tap **Skip** to continue without reading the information.
3. Wake up the application by repeating the phrase Hi Galaxy.

Note: The wake-up command/phrase can be changed from "Hi Galaxy" to anything else.

6. Tap **Speak** if the phone does not hear you or to give it a command.

Voice Recorder

The Voice recorder allows you to record an audio file up to one minute long and then immediately share it using AllShare, Messaging, Gmail, or via Bluetooth. Recording time will vary based on the available memory within the phone.

1. Press and tap > (**Voice Recorder**).
2. To start recording, tap and speak into the microphone.

3. To pause recording, tap . To end the recording, tap .
4. Tap to display the following options:
   - **Share**: allows you to share your recording using such methods as Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Delete**: allows you to delete one or more voice recordings. Tap the recordings to delete and tap **Delete**. Tap **OK** to confirm the deletion.
   - **Rename**: allows you to rename your recordings.
   - **Settings**: the following settings are available:
     - **Storage**: allows you to choose where your recordings will be saved. Select between Phone or memory card.
     - **Default name**: allows you to choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.
     - **Recording quality**: allows you to set the recording quality to High or Normal.
     - **Limit for MMS**: allows you to select On or Off. If you Limit for MMS by selecting On, you will be assured that the recording can be sent in a message.

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth phones, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually approximately 30 feet.

Turn Bluetooth On or Off

The Bluetooth Settings Menu

Change the Phone Name

Connect a Bluetooth Headset or Car Kit

Reconnect a Headset or Car Kit

Disconnect or Unpair from a Bluetooth Device

Send Information Using Bluetooth

Receive Information Using Bluetooth

Turn Bluetooth On or Off

The following procedures will guide you through turning on and turning off your Bluetooth device.

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. Tap the ON/OFF slider to move it into the **ON** position to turn Bluetooth on.

Tip: You can also turn Bluetooth on and off through the Notifications panel. Drag the Notifications panel down and tap **Bluetooth** to enable or disable Bluetooth.

Note: Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless phone is prohibited, such as aboard an aircraft and in hospitals.

The Bluetooth Settings Menu

The following procedure provides you with a path to the Bluetooth settings menu.

► Press [redacted] > and tap **Settings** > **Bluetooth**.

Change the Phone Name

The phone name identifies your phone to other phones.

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Tap > **Device name**.
4. Enter the name for your phone in the dialog box, and then tap **OK**.

Connect a Bluetooth Headset or Car Kit

You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It's the same procedure to set up stereo audio and hands-free devices.

To listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Make sure that the headset is discoverable, so that your phone can find the headset. Refer to the instructions that came with the headset to find out how to set it to discoverable mode.

4. Tap **Scan**. Your phone will start to scan for Bluetooth devices within range.
5. When you see the name of your headset displayed in the Bluetooth devices section, tap the name. Your phone then automatically tries to pair with the headset.
6. If automatic pairing fails, enter the passcode supplied with your headset.

The pairing and connection status is displayed below the hands-free headset or car kit name in the Bluetooth devices section. When the Bluetooth headset or car kit is connected to your phone, (Bluetooth connected) displays in the status bar. Depending on the type of headset or car kit you have connected, you can then start using the headset or car kit to listen to music or make and receive phone calls.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Reconnect a Headset or Car Kit

When you have paired a headset with your phone, you should be able to reconnect it automatically by turning on Bluetooth on your phone and then turning on the headset. However, sometimes you will need to reconnect manually, for example if you have been using your headset with another Bluetooth device.

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Make sure that the headset is discoverable.
4. Tap the headset's name in the Bluetooth devices section.
5. If prompted to enter a passcode, try 0000 or 1234, or consult the headset or car kit documentation to find the passcode.
6. If you still cannot reconnect to the headset or car kit, follow the instructions in Disconnect or Unpair From a Bluetooth Device, and then follow the instructions in Connect a Bluetooth Headset or Car Kit.

Disconnect or Unpair from a Bluetooth Device

Follow these instructions to disconnect or unpair your phone from a Bluetooth device.

Disconnect from a Bluetooth Device

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. In the Bluetooth devices section, tap next to the device to unpair.

3. Tap **Disconnect**.

Unpair from a Bluetooth Device

You can make your phone forget its pairing connection with another Bluetooth device. To connect to the other device again, you may need to enter or confirm a passcode again.

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. In the Bluetooth devices section, tap next to the device to unpair.
3. Tap **Unpair**.

Send Information Using Bluetooth

You can use Bluetooth to transfer information between your phone and another Bluetooth-enabled device such as a phone or notebook computer. The first time you transfer information between your phone and another device, you need to enter or confirm a security passcode. After that, your phone and the other device are paired, and you will not need to exchange passcodes to transfer information in the future.

Send Information From Your Phone to Another Device

You can send the following types of information, depending on the device you are sending to:

- Images and videos
- Calendar events
- Contacts
- Audio files

1. Set the receiving device to discoverable mode. You may also need to set it to “Receive Beams” or “Receive Files”. Refer to the device’s documentation for instructions on receiving information over Bluetooth.
2. On the phone, open the application that contains the information or file you want to send.

   For example, if you want to send a photo, press [redacted] and tap > .
3. Follow the steps for the type of item you want to send:
   - **Photo or video** (in Camera). After capturing a photo, on the preview screen, tap > **Bluetooth**.

- **Photos and videos** (in Gallery). On the **Albums** tab, tap an album, and then tap > **Bluetooth**.

Tip: If your phone remembers Bluetooth as a previous selection within the Camera or Gallery, you can tap (to the right of the icon).

- **Calendar event**. In the Calendar's Day view, Agenda view, or Week view, tap the event and then tap > **Send via** > **Bluetooth**.
- **Music track**. This feature is available through the **Music Player**. With the track displayed on the Now playing screen, tap > **Share music via** > **Bluetooth**.
- **Voice recording**. On the main Voice Recorder screen, touch and hold a recording and then tap **Share** > **Bluetooth**.

4. If you are prompted to turn on Bluetooth, tap **Yes**.
5. Tap the name of the receiving device.
6. If prompted, accept the connection on the receiving phone, and enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode.
7. On the receiving device, accept the file.

The location where the information is saved depends on the type of information and the receiving device:

- If you send a calendar event or contact, it is normally added directly to the corresponding application on the receiving device. For example, if you send a calendar event to a compatible phone, the event is shown in that phone's calendar application.
- If you send another file type to a Windows computer, it is normally saved in the Bluetooth Exchange folder within your personal document folders.
  - On Windows XP, the path may be: C:\Documents and Settings\[your username]\My Documents\Bluetooth Exchange.
  - On Windows Vista, the path may be: C:\Users\[your username]\Documents.
- If you send a file to another device, the saved location may depend on the file type. For example, if you send an image file to another wireless phone, it may be saved in a folder named "Images."

Receive Information Using Bluetooth

Your phone is capable of receiving a wide variety of file types with Bluetooth, including photos, music tracks, and documents such as PDFs.

1. Press [redacted] > and tap **Settings** > **Bluetooth**.
2. If Bluetooth is not on, tap the on-off slider to turn it on.
3. Tap the check box next to your phone's Bluetooth name to make it discoverable.
4. On the sending device, send one or more files to your phone. Refer to the device's documentation for instructions on sending information over Bluetooth.
5. If prompted, enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode. A Bluetooth authorization request is displayed on your phone.
6. If you want to automatically receive files from the sending device in future, select the **Always allow this device** check box.
7. When your phone receives a file transfer request notification, slide down the notifications panel, and then tap **Accept**.
8. When a file is transferred, a notification is displayed. To open the file immediately, slide down the notifications panel, and then tap the relevant notification.

When you open a received file, what happens next depends on the file type:

- Media files and documents are usually opened directly in a compatible application. For example, if you open a music track, it starts playing in the Music application.
- For a vCalendar file, select the calendar where you want to save the event, and then tap **Import**.
- The vCalendar is added to your Calendar events. (For more information on using the Calendar, see Calendar.)
- For a vCard contact file, if there are multiple vCard files on your storage card, you can choose to import one, several, or all of those contacts to your contacts list.

Kies Air

Kies Air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view and share call logs, videos, photos, music, bookmarks, ringtones, and even send SMS messages from your PC.

Note: To sync your device to your PC it is highly recommended that you install Samsung Kies which is available at www.samsung.com/kies (for Windows/Mac).

Tip: Before beginning, it is recommended that you update the Java application running on your machine.

1. Sign onto the same Wi-Fi network from your phone and from your PC.
2. Press [redacted] > and tap > (**Kies Air**)
3. From the Kies air homescreen, tap **Start**.
4. If prompted, select a network. Choose from either **Wi-Fi** or **Portable Wi-Fi hotspot**.
5. Write down the onscreen URL address.

Important! Both your phone and your computer must be connected to the same Wireless Access Point (WAP).

6. From your computer, enter the URL in your Web browser.
7. If prompted, an Access Request prompt is displayed on your device. Tap **Allow** to permit connection between the computer and device.

Note: You may be prompted to run a Java plugin for a TransferManagerApplet. Click **Run**.

8. Tap the **Remember for today** checkbox if you will be using Kies air with the same PC later.
9. From your PC, a security warning may be displayed asking if you want to run this application. Click **Run** to continue.
10. On your PC, the Kies air screen displays. On your phone, appears at the top of your screen.
11. Follow the onscreen instructions to view and share information between your phone and PC.
12. Click a link from the left navigation pane to access one of several device file categories such as:
    - [Device Name] - provides an overview of all the main categories.
    - **Photos/Videos/Music**
    - **Ringtones**
    - **Bookmarks**
    - **Messages/Call Log/Contacts**
    - **File Explorer**

- **Language settings**

13. To exit the Kies air application, tap **Stop** on your device and then close out the Web browser on your computer.

microSD Card

A microSD™ (Secure Digital) microSD card is an optional accessory that allows you to store images, videos, music, documents, and voice data on your phone.

Remove the microSD Card

Use the following procedures to remove the microSD card from your phone.

1. Remove the battery cover.
   - Grasp the phone firmly and locate the slot at the top of the phone.
   - Place your fingernail in the opening and firmly “pop” the cover off the phone (similar to a soda can).
2. Firmly press the card into the slot and release it. The card should pop partially out of the slot.
3. Remove the card from the slot.
4. Replace the battery cover.

Important! You can easily damage the microSD card and its adapter by improper operation. Please be careful when inserting, removing, or handling it.

Do not over-insert the card as this can damage the contact pins.

Be sure to use only recommended microSD cards (<64GB). Using non-recommended microSD cards could cause data loss and damage your phone.

Make sure your battery is fully charged before using the microSD card. Your data may become damaged or unusable if the battery runs out while using the microSD card.

Insert a microSD Card

Use the following procedures to insert the microSD card into your phone.

1. Remove the battery cover.
   - Grasp the phone firmly and locate the slot at the top of the phone.
   - Place your fingernail in the opening and firmly “pop” the cover off the phone (similar to a soda can).

2. Orient the card with the gold strips facing down.
3. Firmly press the card into the slot and make sure that it catches with the push-click insertion.

View the microSD Card Memory

Use the following procedure to view the microSD card memory information.

► Press [redacted] > and tap **Settings** > **Storage**. (The total and available memory space will be displayed.) See Device Memory for more information.

Format the microSD Card

Formatting a microSD card permanently removes all files stored on the card. See SD Card for more information.

1. Press [redacted] > and tap **Settings** > **Storage**.
2. Scroll down the screen, tap **Format SD card** > **Format SD card** > **Delete all**.

Note: The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Unmount the microSD Card

When you need to remove the microSD card, you must unmount the microSD card first to prevent corrupting the data stored on it or damaging the microSD card. Since you will remove the battery first before you can remove the microSD card, close all running applications on your phone and save any data first.

1. Press [redacted] > and tap **Settings** > **Storage**.
2. Tap **Unmount SD card**.
3. Remove the microSD card. See Remove the microSD Card.

Update Your Phone

From time to time, updates may become available for your phone. You can download and apply updates through the **Settings** > **About Phone** menu.

Update Your Phone Firmware

You can update your phone's software using the **Update Firmware** option.

Before Updating Your Firmware

Updating your phone firmware will erase all user data from your phone. You must back up all critical information before updating your phone firmware.

Back Up All Data Prior to Update

To back up your Gmail information:

1. Press [redacted] > and tap **Settings** > **Accounts and sync**.
2. Tap the **Auto-sync** option to enable the feature (checkmark).
   - If the **Auto-sync** option is on, email, Calendar and Contacts automatically synchronize whenever a change is made.
   - If the **Auto-sync** option is off, tap the sync icon within the account field to reveal the account's synchronization settings screen.

To back up your Exchange Mail information:

1. Press [redacted] > and tap **Settings** > **Accounts and sync**.
2. Tap the sync icon within the Corporate account field to reveal the account's synchronization settings screen.
3. Toggle the onscreen checkmark to manually synchronize the desired parameters (Contacts or Calendar).

To back up your Google applications:

Your Google™ application purchases are reloaded remotely and can be re-installed after the update is applied.

1. Log into your Google account via the phone.
2. Press [redacted] > and tap > .
3. Tap > **My apps**.
4. Scroll through the list of previously downloaded Google applications and choose the one you wish to reinstall.
5. Follow the onscreen instructions.

As an added precaution, to preserve any data on your microSD card, please remove it from your phone prior to starting the update process

Update Your Phone Firmware

Once you have backed up all your data, use the **Update Firmware** option to update your phone firmware.

1. Press > and tap **Settings** > **System Update**.
2. Tap **Update Firmware**. (Your phone automatically downloads and installs any available updates. You may be required to power your phone off and back on to complete the software upgrade.)

-or -

1. Locate in Notifications.
2. Touch and hold the Status bar, and then slide your finger down the screen.
3. Tap to open the System Updates screen.
4. Tap **Download** and follow the onscreen instructions. appears within the Status bar to indicate the phone is downloading the necessary files.)
5. Tap **Restart** and install to complete the process.

Confirm Your Current Phone Firmware

1. Press > and tap **Settings** > **About device**.
2. Scroll to the bottom of the page and locate the Baseband version read-only field.

Update Your Android Operating System

This option allows you to update the Android Operating System (OS) on your phone via an over-the-air connection.

1. Press > and tap **Settings** > **System Update** > **Update Samsung Software**.
2. Follow the onscreen instructions.

- or -

1. Locate (Android OS Update Available) in Notifications.
2. Touch and hold the Status bar, and then slide your finger down the screen.
3. Tap the **Android update available** field.
4. Tap **Download** and follow the onscreen instructions.

Update Your Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your phone.

1. Press [redacted] > and tap **Settings** > **System Update** > **Update Profile**.
2. Follow the onscreen instructions.

Note: If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

Update Your PRL

This option allows you to download and update the PRL (preferred roaming list) automatically.

1. Press [redacted] > and tap **Settings** > **System Update** > **Update PRL**.
2. Follow the onscreen instructions.

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Important Safety Information

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- Maintaining Safe Use of and Access to Your Phone (page 3)
- Using Your Phone With a Hearing Aid Device (page 6)
- Caring for the Battery (page 9)
- Radio Frequency (RF) Energy (page 10)
- Samsung Mobile Products and Recycling (page 13)
- Commercial Mobile Alerting System (CMAS) (page 15)
- 4G LTE Coverage (page 15)
- Owner's Record (page 16)
- User Guide Proprietary Notice (page 16)

This booklet contains important operational and safety information that will help you safely use your phone. Failure to read and follow the information provided in this phone guide may result in serious bodily injury, death, or property damage.

General Precautions

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To maximize performance, do not touch the bottom portion of your phone where the internal antenna is located while using the phone.
- Speak directly into the mouthpiece.

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- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery.
- Do not expose your phone to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.
- Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment.

> ***Note:*** For the best care of your phone, only Sprint-authorized personnel should service your phone and accessories. Failure to do so may be dangerous and void your warranty.

Maintaining Safe Use of and Access to Your Phone

Do Not Rely on Your Phone for Emergency Calls

Mobile phones operate using radio signals, which cannot guarantee connection in all conditions. Therefore you should never rely solely upon any mobile phone for essential communication (e.g., medical emergencies). Emergency calls may not be possible on all cellular networks or when certain network services or mobile phone features are in use. Check with your local service provider for details.

Using Your Phone While Driving

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

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> ***Tip:*** Purchase an optional hands-free accessory at your local Sprint Store, or call Sprint at 1-866-866-7509. You can also dial **# 2 2 2** on your phone.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

> ***Note:*** Always turn off the phone in healthcare facilities, and request permission before using the phone near medical equipment.

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Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn your phone off when in a blasting area or in other areas with signs indicating two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn your phone off when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone and accessories could generate sparks. Sparks can cause an explosion or fire, resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

> ***Note:*** Never transport or store flammable gas, flammable liquids, or explosives in the compartment of your vehicle that contains your phone or accessories.

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Restricting Children's Access to Your Phone

Your phone is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the phone or make calls that increase your Sprint invoice.

Using Your Phone With a Hearing Aid Device

A number of Sprint phones have been tested for hearing aid device compatibility. When some wireless phones are used with certain hearing devices (including hearing aids and cochlear implants), users may detect a noise which can interfere with the effectiveness of the hearing device.

Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference noise they may generate. ANSI standard C63.19 was developed to provide a standardized means of measuring both wireless phone and hearing devices to determine usability rating categories for both.

Ratings have been developed for mobile phones to assist hearing device users find phones that may be compatible with their hearing device. Not all phones have been rated for compatibility with hearing devices. Phones that have been rated have a label located on the box. Your SPH-L900 has an M4 rating.

These ratings are not guarantees. Results will vary depending on the user's hearing device and individual type and degree of hearing loss. If a hearing device is particularly vulnerable to interference noise; even a phone with a higher rating may still cause unacceptable noise levels in the hearing device. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

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M-Ratings: Phones rated M3 or M4 meet FCC requirements for hearing aid compatibility and are likely to generate less interference to hearing devices than unrated phones. (M4 is the better/higher of the two ratings.)

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. (T4 is the better/higher of the two ratings. Note that not all hearing devices have telecoils in them.)

Note: **New Technologies, Including Wi-Fi**
This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

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Hearing aid devices may also be measured for immunity to interference noise from wireless phones and should have ratings similar to phones. Ask your hearing healthcare professional for the rating of your hearing aid. Add the rating of your hearing aid and your phone to determine probable usability:

- Any combined rating equal to or greater than six offers excellent use.
- Any combined rating equal to five is considered normal use.
- Any combined rating equal to four is considered usable.

Thus, if you pair an M3 hearing aid with an M3 phone, you will have a combined rating of six for "excellent use." This is synonymous for T ratings.

Sprint further suggests you experiment with multiple phones (even those not labeled M3/T3 or M4/T4) while in the store to find the one that works best with your hearing aid device. Should you experience interference or find the quality of service unsatisfactory after purchasing your phone, promptly return it to the store within 14 days of purchase. (A restocking fee may be applied to exchanges. Visit www.sprint.com/returns for details.) More information about hearing aid compatibility may be found at: www.fcc.gov, www.fda.gov, and www.accesswireless.org.

Getting the Best Hearing Device Experience With Your Phone

To further minimize interference:

- Set the phone's display and keypad backlight settings to ensure the minimum time interval:

  1. Press > > **Settings** > **Display** > **Screen timeout**.

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2. Touch the minimum time interval setting.

- Position the phone so the internal antenna is farthest from your hearing aid.
- Move the phone around to find the point with least interference.

Caring for the Battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

- Recently there have been some public reports of wireless phone batteries overheating, catching fire, or exploding. It appears that many, if not all, of these reports involve counterfeit or inexpensive, aftermarket-brand batteries with unknown or questionable manufacturing standards. Sprint is not aware of similar problems with Sprint phones resulting from the proper use of batteries and accessories approved by Sprint or the manufacturer of your phone. Use only Sprint-approved or manufacturer-approved batteries and accessories found at Sprint Stores or through your phone's manufacturer, or call 1-866-866-7509 to order. They're also available at www.sprint.com/accessories. Buying the right batteries and accessories is the best way to ensure they're genuine and safe.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.

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- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
  - Less than one month:
    -4° F to 140° F (-20° C to 60° C)
  - More than one month:
    -4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Li-Ion) Batteries

Do not handle a damaged or leaking Li-Ion battery as you can be burned.

For safe disposal options of your Li-Ion batteries, contact your nearest Sprint authorized service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Radio Frequency (RF) Energy

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watt to 0.2 watt in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.

In 1991–92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's

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1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use a Sprint-supplied or Sprint-approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure the antenna is at least 7/16 inch (1.0 centimeters) from your body when transmitting. Use of non-Sprint-approved accessories may violate FCC RF exposure guidelines.

For more information about RF exposure, visit the FCC website at www.fcc.gov.

Specific Absorption Rates (SAR) for Wireless Phones

The SAR value corresponds to the relative amount of RF energy absorbed into the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to

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remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The maximum SAR values for this model phone as reported in the FCC equipment authorization grant for the SPH-L900 are:

Cellular/PCS CDMA with LTE:
Head: 0.34 W/kg

Body: 1.04 W.kg

FCC Radio Frequency Emission

This phone meets the FCC Radio Frequency Emission Guidelines.

FCC ID number: A3LSPHL900

More information on the phone's SAR can be found from the following FCC website: http://www.fcc.gov/oet/ea/.

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the direction of the internal antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

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We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at: http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp.

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at: http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://www.samsung.com/us/aboutsamsung/citizenship/usactivities_environment_samsungrecyclingdirect.html?INT=STA_recyle_your_phone_page and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect
Or call, (877) 278-0799.

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Important:	Never dispose of batteries in a fire because they may explode.

Commercial Mobile Alerting System (CMAS)

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (''CMAS''; which may also be known as the Personal Localized Alerting Network (''PLAN'')). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

4G LTE Coverage

We want to make sure you have the best experience with your device and give you a couple of steps on “How to manage your network connection” so you can start using your phone for a great experience.

Just follow these easy steps to have the best Sprint network connection in your area!

Your device may be set to use CDMA mode only (3G). When the Sprint 4G LTE network is available and you are in an area with 4G LTE coverage, you can turn on LTE/CDMA service through the Settings menu on your device.

1. Press > > **Settings** > **More settings** (Wireless and network) > **Mobile networks** > **Network mode**.
2. Touch the **LTE/CDMA** network setting.

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Owner's Record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SPH-L900

Serial No.:

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