S C H - R 9 7 0 C

A N D R O I D   S M A R T P H O N E

User Manual
Please read this manual before operating your
phone and keep it for future reference.

SAMSUNG

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Table of Contents

Section 1: Getting Started

This section allows you to quickly start using your Samsung SCH-R970C phone by installing the SIM and (optional) microSD cards, installing and charging the battery, activating your service, and setting up your voicemail account.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 230.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 193.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the phone or keypad. (For more information, refer to *"Securing Your Phone"* on page 18.)

Note: Instructions in this manual are based on default settings, and may vary from your phone, depending on the software version on your phone, and any changes to the phone's Settings.

Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

Special Text

In this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods, or useful shortcuts.
- **Example**: Gives an example of the feature or procedure.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often-used steps:

➔   Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

Example: "Press ⬭ **Home**, then touch ▤ **Menu** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**."

Setting Up Your Phone

Before using your phone, you need to install the SIM card, the microSD™ card, and the battery into their respective internal slots and compartment.

Important! Before removing or replacing the battery cover, make sure the phone is switched off. To turn the phone off, hold down the power key until the power-off image displays, then touch **Power off**.

Removing the battery cover

1. Locate the cover removal opening (1).
2. Place your fingernail in the opening and pry the cover away from the device (2).

Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.
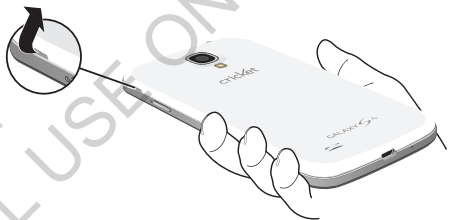
Installing the battery cover

- Align the cover (1) and press it firmly into place (2), making sure it snaps into place at the corners.

Installing the SIM Card

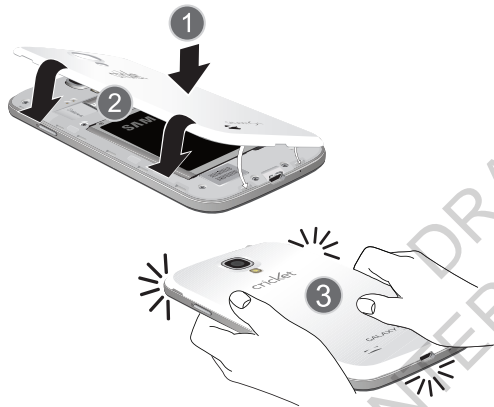When you subscribe to a 4G LTE cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features. This SIM card will only work with this device.

Important! The SIM card must be installed for your phone to establish a network connection.

The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)
2. Locate the SIM card slot on the top inside of the phone.
3. Make sure the gold contacts of the SIM card face downward and that the notched corner of the card faces outward to the right (as shown).
4. Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.
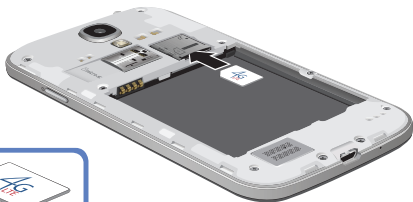
Correct

Incorrect

Note: If the SIM card is not inserted correctly, the phone cannot make a network connection.

Once the SIM card is inserted, do not remove it.

Removing the SIM Card

1. Remove the battery cover.

2. Remove the battery.

3. Firmly press the card into the slot and release it. The card should pop partially out of the slot.

4. Remove the card from the slot.

5. Replace the battery cover.

Installing a Memory Card

Your device lets you install an (optional) microSD™ (SD) or microSDHC™ memory card to expand available memory to store images, videos, music, applications, and data.

1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)

2. Locate the microSD card slot on the top inside of the phone.

3. With the gold contacts facing down, carefully slide the memory card into the slot (as shown), pushing gently until it clicks into place.

Important! Be sure to align the gold contact pins on the memory card with the phone's contacts.

Correct

Incorrect

Removing a Memory Card

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

1. Press ⬭ **Home**, then touch ☰ **Menu** →
   Settings → **More** → **Storage** → **Unmount SD card**. (For more information, refer to *"Storage"* on page 190.)
2. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)
3. Firmly press the Memory card into the slot and carefully release it. The card should pop partially out of the slot.
4. Remove the card from the slot.
5. Replace the battery cover. For more information, refer to *"Installing the battery cover"* on page 7.

Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) is included with the phone, for charging the battery.

Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

Warning! Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Battery Indicator

The battery icon 🔋 in the Annunciator Line shows battery power level. Two to three minutes before the battery becomes too low to operate your phone, the empty battery icon will flash and a tone will sound. If you continue to operate the phone without charging the battery, the phone will power off.

Installing the Battery

1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)
2. Slide the battery into the compartment (1) so that the tabs on the end align with the slots at the bottom of the phone, making sure the connectors align.
3. Gently press down to secure the battery (2).
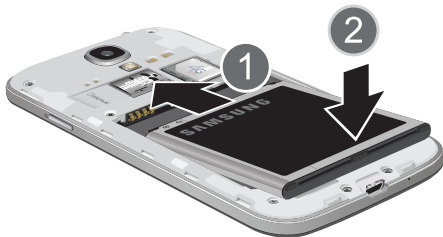
Removing the Battery

1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)

2. Lift the battery up by the slot provided (1).
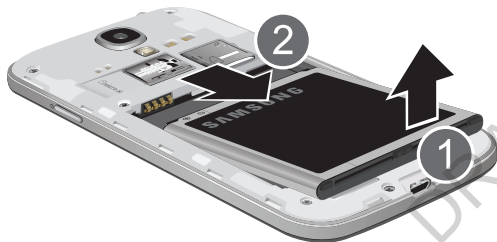
3. Lift the battery up and out of the phone (2).

Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A wall charger, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Before using your phone for the first time, you must fully charge the battery. A discharged battery recharges fully in approximately 4 hours.

Note: Verify that the battery is installed prior to connecting the wall charger. If both the wall charger is connected and the battery is not installed, the handset will power cycle continuously and prevent proper operation. Failure to unplug the wall charger before you remove the battery, can cause the phone to become damaged.

Important! It is recommended you fully charge the battery before using your device for the first time.

1. Insert the USB cable into the device's Charger/ Accessory jack at the bottom of the device.

Note: This illustration displays both the **correct** and **incorrect** orientation for connecting the USB cable. If the USB cable is incorrectly connected, damage to the accessory port will occur therefore voiding the phone's warranty.

2. Connect the USB cable to the charging head.
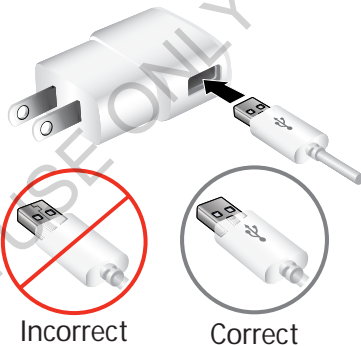
3. Plug the charging head into a standard AC power outlet. The device turns on with the screen locked and indicates both its charge state and percent of charge.

Warning! While the device 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 device.

4. When charging is finished, first unplug the charger's power plug from the AC wall outlet, then disconnect the USB cable connector from the device.

Important! If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, refer to *"Standard Limited Warranty"* on page 217.

Turning Your Phone On

■ Press and hold the 🔘 **Power/Lock** key (on the upper right side of the phone) for three seconds.

While powering on, the phone connects with the network, then displays the Locked screen and any active Notification alerts.
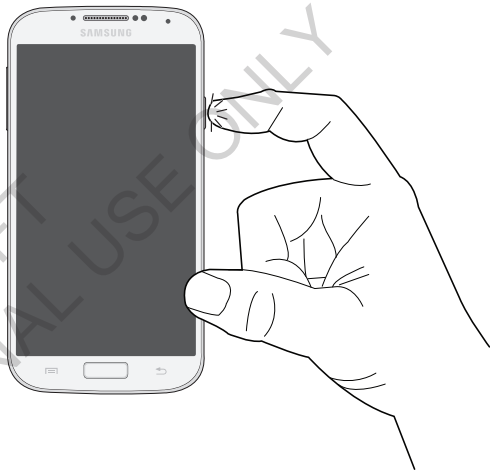
Note: Your phone's internal antenna is located along the bottom back of the phone. Do not block the antenna; doing so may affect call quality or cause the phone to operate at a higher power level than necessary.

Unlocking Your Phone

1. If needed, press Press
   ⬜ **Home** to wake
   the screen.

2. If there are no
   Notification alerts on
   your phone, swipe the
   screen to unlock it.
   The Home screen
   appears.

Note: If you have purchased your phone online, the first time
you power your phone on and unlock the screen, the
Activation Wizard **Welcome** screen appears.

Follow the prompts to activate and set-up your phone.

Turning Your Phone Off

1. Press and hold the ⬜ **Power/Lock Key** (on the
   upper right side of the device) for two seconds.

2. At the prompt, touch **Power off**. The **Power off** pop-up
   appears.

3. At the prompt, touch **OK**.

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TTY Mode

Your phone is fully TTY-compatible, allowing you to connect a TTY device to the phone's headset jack. Before you can use your phone with a TTY device, you'll need to enable TTY Mode.

For more information, refer to *"Other call settings"* on page 72.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

Setting up Voicemail

1. Press [Home], then touch [Phone], then touch and hold [1 ∞].
2. Follow the automated instructions to set up your new password and record a greeting.

Checking Voicemail

1. Press [Home], then touch [Phone], then touch and hold [1 ∞].
2. Follow the automated instructions to manage voicemail.

Tip: You can also access **Voicemail** by dialing your phone number from any touch-tone phone.

Displaying Your Phone Number

■ Press [Home], then touch [Menu] ➔ **Settings** ➔ **About device** ➔ **Status**.

Your phone number displays under **My phone number**.

Your Google™ Account

Your new phone uses your Google account to fully utilize its Android features, including Gmail, Google Maps, Google Talk, and the Google™ Play apps. When you turn on your phone for the first time, you should set up a connection with your existing Google account, or create a new Google account.

1. Press ⬭ **Home**, then touch ▦ **Applications** ➔ ✉ **Gmail**.

   The **Add a Google Account** screen displays.

2. Touch **Existing** or **New** to continue.

3. Follow the on-screen instructions to sign in if you already have a Google account, or to create a Google Account.

Resetting your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to reset it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.

2. Once the Web Page loads, click on the **Can't access your account?** link.

3. Under **Forgot your password?**, follow the password reset prompts.

Creating a Samsung Account

An active Samsung account is required to use applications such as AllShare Play and Media Hub.

1. From the Home screen, touch ▤ **Menu → Settings**. The **Settings** screen appears in the display.

2. Under Accounts, touch **Add account**.

3. From the **Add account** screen, touch ⑤ **Samsung account**.

4. From the **Samsung account** screen, touch **Create new account** and follow the on-screen instructions to create a Samsung account.

5. Read the Terms and conditions, then touch the **I accept all the terms above** check box.

6. Touch **Agree**.

7. Enter the required information and touch **Sign up**.

8. At the Welcome screen, touch **Next**.

9. Follow the on-screen instructions to verify your email address and activate your account.

Roaming

When you travel outside your home network's coverage area, your phone can roam to acquire service on other compatible digital networks. When Roaming is active, the Roaming icon (△) appears in the Annunciator Line (Notification Bar) of the display.

Tip: You can set your phone's roaming behavior. (For more information, refer to *"Mobile networks"* on page 146.)

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when making or receiving calls.

Note: Contact your Wireless Provider for more information about your coverage area and service plan.

Securing Your Phone

By default, the phone locks automatically when the screen times out, or you can lock it manually. You can unlock the phone using one of the default Unlock screens, or for increased security, use a personal screen unlock pattern, a Personal Identification Number (PIN), or a password.

For more information about creating and enabling a Screen unlock pattern, see *"Lock screen"* on page 152.

Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

Locking the phone manually

■ Press the ⬤ **Power/Lock** key on the top right side of the phone.

Unlocking the phone

For information on unlocking your phone, see *"Unlocking Your Phone"* on page 14.

Unlocking with a Personal Screen Unlock Pattern

1. Press ⬤ **Home** to wake the screen.

2. Draw your personal unlock pattern on the screen.

For more information, refer to *"Lock screen"* on page 152.

Unlocking with a Password

1. Press ⬤ **Home** to wake the screen.

2. Enter your Password.

3. Press **OK**.

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Section 2: Understanding Your Phone

Features

- 5.0-inch 1920x1080 Super AMOLED Full HD touch screen
- CDMA 1X/EV-DO Rev-A /LTE Wireless Technology
- 1.9 gigahertz quad-core processor with 16 or 32 GB memory and 2 GB RAM
- Android® 4.2 platform
- Google Play™ Store, plus pre-loaded applications
- SAFE™ Certified
- Connections
  - Wi-Fi 802.11 a/b/g/n (2.4 and 5 GHz bands)
  - Mobile Hotspot
  - Bluetooth 4.0
  - Tethering
  - VPN
  - NFC
  - Android Beam
  - S Beam
  - Wi-Fi Direct
  - AllShare Cast
  - DLNA
  - USB 2.0
- Messaging Services
  - Text Messaging
  - Picture Messaging
  - Video Messaging
  - Voice Messaging
  - Email
  - Mobile Instant Messenger (IM)
  - Chat
- 13 Megapixel Camera-Camcorder with LED flash + 2 Megapixel Front Camera-Camcorder
- Picture Gallery
- Video Player (1080p — MP4 and 3GP)
- DivX Certified® to play DivX® video up to HD 1080p, including premium content
- Music Player (AAC, AAC+, eAAC+, MP3, and WMA)
- Speakerphone
- Support for microSD™ and microSDHC™ Memory Cards up to 64GB capacity

Front View
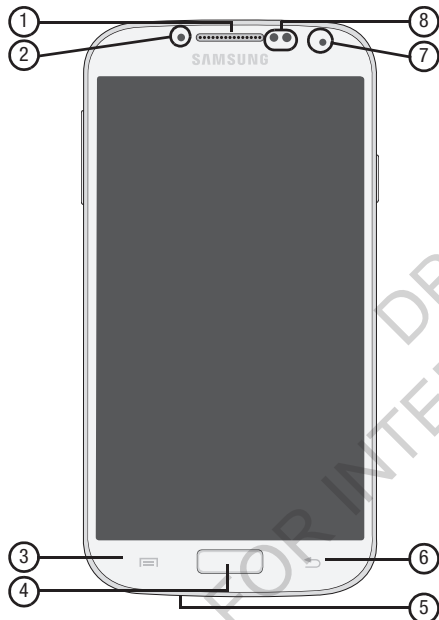
1. **Earpiece**: Use during calls to listen to callers.
2. **LED Indicator**: Flashes or glows to alert you to alert notifications or phone status.
3. **Menu Key**: Press to display options for the current screen.
4. **Home Key**: Press to display the Home screen, or Lock screen if the phone is locked. Press and hold to display recent applications or to launch Task Manager.
5. **Microphone**: Use during calls to allow callers to hear your voice, and when recording.
6. **Back Key**: Press to return to the previous screen or option.
7. **2 Megapixel Front Camera**: Use for taking pictures and recording video.
8. **Proximity and Light Sensors**: Detect the presence of nearby objects to control device functions or blank the screen display, such as when you hold the phone to your ear during a phone call. Detect ambient light to determine screen brightness when **Brightness** is set to **Automatic brightness** (see *"Brightness"* on page 155), and when taking pictures with the Front camera.

Side Views
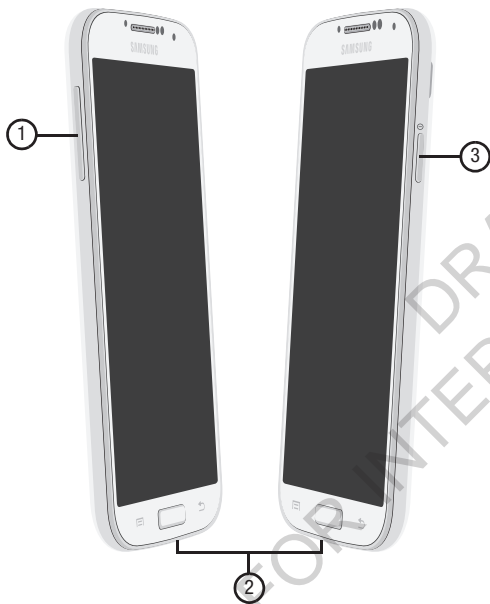
1. **Volume Key**: From the Home screen, touch to adjust Master Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.

2. **USB Power/Accessory Port**: Connect a USB cable for charging or to sync music and files.

3. **Power/Lock Key**: Press and hold to turn the phone on or off. Press to lock the phone, or to wake the screen for unlocking.

Back View
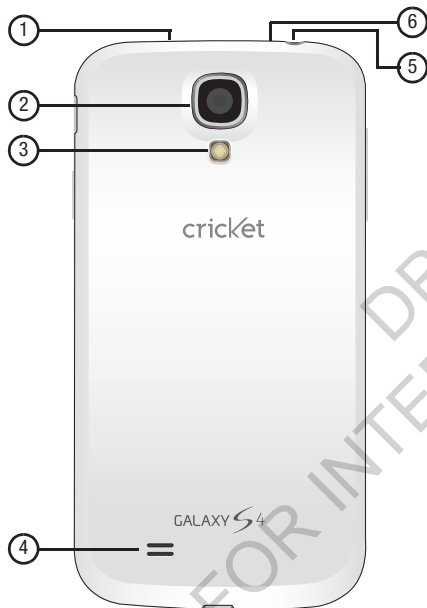
1. **Infrared Lens**: Use when controlling media devices remotely.
2. **13 Megapixel Camera Lens**: Use when taking photos or recording videos.
3. **Camera Flash**: Use when taking photos.
4. **External Speaker**: Play ringtones, call audio when in Speakerphone mode, media sounds (music and video), and other sounds.
5. **3.5mm Headset Jack**: Plug in an optional headset or TTY equipment.
6. **Noise cancelation microphone**: Captures background noise that the phone uses to produce a quiet background during calls and video chats.

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Navigation

Navigate your phone's features using the command keys and the touch screen.

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, see *"Warranty Information"* on page 217.

Context-sensitive Menus

While using your phone, context-sensitive menus offer options for the feature or screen currently in use.

To access context-sensitive menus:

- Touch ☰ **Menu**.
- Touch and hold on an item.

Command Keys

Menu Key

Touch ☰ **Menu** to display a context-sensitive menu of options for the current screen or feature.

Home Key

Press the ⬯ **Home Key** to display the Home screen.

Press and hold the ⬯ **Home Key** to launch a menu of recent applications, or to launch Task Manager.

Back Key

Touch ⤺ **Back** to return to the previous screen, option or step.

Motions

Finger Motions

Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- Touch an item to select it.
- Touch an app's icon to launch the application.

Touch and Hold

Activate on-screen items by a touch and hold gesture. For example:

- Touch and hold a widget or icon on the Home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe

Swipe your finger vertically or horizontally across the screen. For example:

- Unlocking the screen
- Scrolling the Home screen or a menu
- Combine touch and hold with swipe to drag an item to a new location.

Pinch

Using two fingers, make a pinch motion on the screen. For example:

- Pinch in to zoom in on pictures or screens.
- Pinch out to zoom out on pictures or screens.

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Motions

Your phone recognizes motion, to allow you to navigate and access features by moving the phone in specific patterns.

To use motions to control your phone, enable the **Motion** settings. (For more information, see *"Motions and gestures"* on page 173.)

• **Direct call**: When this option is set to On, you can lift the phone to your ear to call a contact displayed in a Messaging, Contacts, or Call Log screen.

• **Smart alert**: When this option is set to On, you can lift the phone to be automatically notified of missed calls, messages, and alerts that occurred while the phone was stationary.

• **Double tap to top**: When this option is set to On, a double tap on the top of the phone takes you to the top of the list.
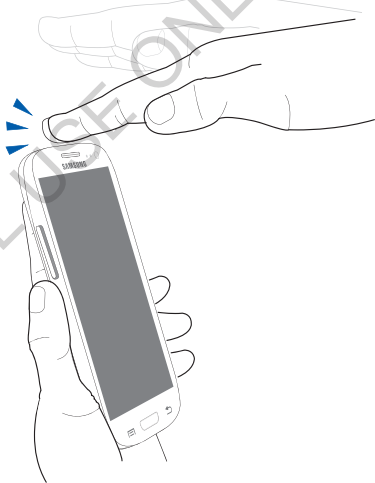
- **Tilt to zoom**: When this option is set to On, touching and holding with your thumbs on the screen while in Gallery or Internet, then tilting the phone forward and back causes the screen to zoom in or out.
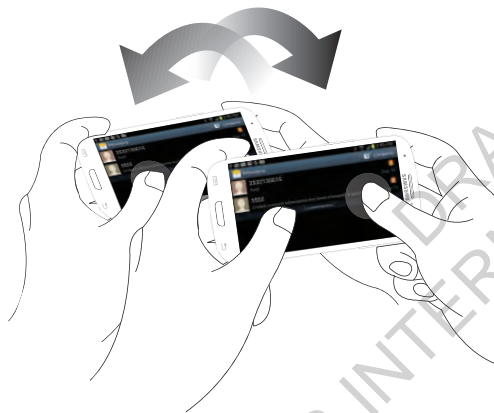
- **Pan to move icon**: When this option is set to On, touching and holding on the screen, then moving the phone in a side-to-side motion, moves a highlighted icon to a new location on the Home screen.
- **Pan to browse images**: When this option is set to On, moving the phone in a panning motion while viewing an image moves focus around in the image.
- **Shake to update**: When this option is set to On, shaking the phone causes Bluetooth or Wi-Fi screens to scan for devices.

- **Turn over to mute/pause**: When this option is set to On, turning the phone screen-down automatically mutes incoming call ringtones and alerts sounds.
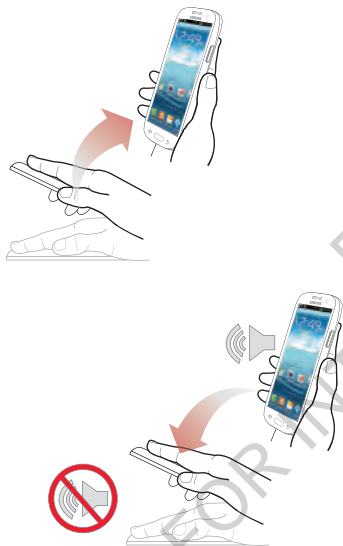
Hand motions

Use your hand to swipe across the screen, or cover the screen.

- **Palm swipe to capture**: When this option is set to On, swiping the screen with the side of your hand (left to right, or right to left) captures a screen shot.

- **Palm touch to mute/pause**: When this option is set to On, covering the screen with your hand mutes or pauses media playback.

Using Multi Window

This feature allows you to run multiple applications on the current screen at the same time.

Note: Only applications found within the Multi window tray can be active atop another current application on the screen.

When launching applications that contain multimedia files (music/video), audio from both files will be played simultaneously.

Activating and Deactivating Multi window

To activate Multi window:

1. Touch and hold ⤺ **Back**. The Multi window tray appears briefly (by default) on the left side of the screen, then closes, leaving only the Multi window tab showing.

2. Touch the tab ▯ to open the Multi window tray, showing some of the available Multi window apps.

3. Swipe the tray upwards to show more Multi window apps.

To deactivate Multi window:

■ With the Multi window tab showing, touch and hold
 ⬅ **Back**. This action hides the Multi window tab
 from view.

Repositioning the Multi Window

The Multi window contains two components: tab and apps
tray. The tab can be manually moved across the screen. The
apps tray (containing the scrollable apps) can be relocated to
launch from any side of the screen (top, bottom, left, or
right).

To move the tab:

1. Activate the Multi window feature. (See *"To activate
 Multi window:"* on page 28.)

2. In a single motion, touch and hold the tab ⬚ for
 approximately one-second, then slowly drag it to its
 new location **along the current** screen edge.

Note: This is a quick way to get the tab out of the way if you
 can't get to a button or option behind it.

To relocate the Multi window tray:

1. Activate the Multi window feature. (See *"To activate
 Multi window:"* on page 28.)

2. Touch the tab to display the apps tray (containing the
 scrollable apps).

Note: Notice that when the apps are visible, the tab turns a
 dark grey. Its only in this state that the entire panel can
 be relocated.

---

3. In a single motion, touch and hold the Multi window tab ▯ for approximately one-second to detach it from the screen (1), then slowly drag it to its new location **along any other** available screen edge (2). You can move it to the top, bottom, or either side.

Customizing the Multi Window tray

The applications found within the Multi window tray can be organized by either being rearranged or removed.

To rearrange the Multi window applications:

    1. Activate the Multi window feature.

    2. Touch the tab to display the apps tray (containing the scrollable apps).

    3. In a single motion, touch and hold a desired app until it detaches from the tray, then carefully drag it to a new location in the list of apps. Lift your finger or stylus off the screen to let go of the app and drop it into its new location.

To remove a Multi window application:

    1. Activate the Multi window feature.

    2. Touch the tab to display the Multi window tray (containing the scrollable apps).

    3. Touch **Edit** (located at the bottom of the list).

    4. Follow the prompt to remove apps from the Multi window tray to the revealed staging area.

    5. Tap **Done** once you have completed the removal process.

To restore a Multi window application:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).
3. Tap the **Edit** button (located at the bottom of the list) to reveal the staging area containing any previously removed apps.
4. Locate the desired application.
5. In a single motion, touch and hold a desired app until it detaches from the staging area, then carefully drag it to a new location in the current list of apps.

Using Multi Window to run multiple apps on the same screen

Any of the apps found within the Multi window panel can be run at the same time as a current on-screen app.

Once multiple apps are running on the same screen, you can then choose to either swap their positions or maximize a desired app.

Note: Only applications found within the Multi-window panel can be active atop another current application on the screen.

When launching applications that contain multimedia files (music/video), audio from both files will be played simultaneously.

In this example we will be launching both the Internet and Maps applications.

1. Launch an application, such as Internet.
   • From the Home screen, touch 🌐 **Internet**.
2. Activate the Multi window feature. (See *"To activate Multi window:"* on page 28.)
3. Touch the Multi window tab to display the apps tray.
4. Touch and hold the desired app, such as 🗺 **Maps**, until it detaches from the tray.
5. In a single motion, drag the app over the current app and drop the new Multi window app over either the top or bottom area of the current on-screen app.

Note: Once two applications are running, the device displays a split screen view containing both the initial app and the new Multi window app. Each application is still independent of the other.

To swap the locations of the applications:

1. With the two applications shown in a split screen, touch the Border bar to show the on-screen icons.

2. Touch the desired application area (top or bottom).

3. Touch 🔁 **Swap apps**. The current apps swap places.

App #1   Max

App #2 Border Swap Close
        bar   apps
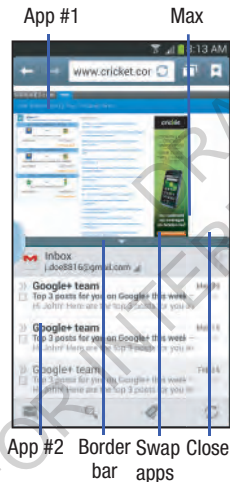
To increase the size of a desired application window:

■ With the two applications shown in a split screen, touch and hold the Border bar, then drag it to resize the desired window.

To seperate the current applications:

1. With the two applications shown in a split screen, touch the Border bar to show the on-screen icons.

2. Touch the desired application area (top or bottom).

3. Touch 🔲 **Maximize apps**. The current apps are the both maximized.

To close an application:

1. With the two applications shown in a split screen, touch the Border bar to show the on-screen icons.

2. Touch the desired application area (top or bottom).

3. Touch ❌ **Close app**. The current apps swap places.

Notifications

Notifications shows information about connections, alerts and other items.

1. Touch and drag downward from the top of the screen to display notifications.
2. Touch an item to open that item, or to launch a related app or feature.
3. Touch **Clear** to clear all Notifications.

Quick Setting Bar

Touch the selected Quick Setting toggles at the top of the Notifications screen to enable or disable frequently used settings. The following toggles are the default Quick Setting toggles:

- **Wi-Fi**: Turn Wi-Fi On or Off. (For more information about using Wi-Fi, see *"Wi-Fi"* on page 126.)
- **GPS**: Turn Standalone GPS services on or off. (For more information, see *"Location services"* on page 185.)
- **Sound**: Touch to switch between your sound settings, and the two Silent modes, Mute and Vibrate. (For more information, see *"Volume"* on page 158.)
- **Screen rotation**: Enable or disable the Auto rotation setting, to control whether the screen automatically updates when you rotate the phone. (See *"Auto-rotate screen"* on page 156.)
- **Bluetooth**: Turn Bluetooth On or Off. (For more information about using Bluetooth, see *"Bluetooth"* on page 128.)

Changing Quick Settings Bar

You view and use all of the available Quick Setting toggles, and select which toggles appear at the top of the Notifications screen.

1. Display the notifications panel by touching and dragging downward from the top of the screen.
2. Touch   . The Notifications are replaced by an array of the available Quick Setting toggles.
3. Touch and drag a Quick Setting toggle from rows 2, 3, or 4 and drop it over the Quick Setting toggle in row 1 that you want to replace.

Clearing Notifications

1. Sweep your finger downward from the top of the screen to display Notifications.
2. Touch a notification to clear it, or to launch an app.
   – or –
   Touch **Clear** to clear all notifications

Home Screen

The Home screen is the starting point for using your phone.

Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

1. **Status Bar**: Presents icons to show network status, battery power, and connection details. (For a list of icons, see *"Status Bar Icons"* on page 36.)

2. **Multi window tab**: Access Multi window tray. (See *"Using Multi Window"* on page 28.)

3. **Home screen**: The starting point for using your phone. Place shortcut icons, widgets, and other items to customize your phone to your needs. (See *"Home Screen"* on page 35.)

4. **Primary Shortcuts**: Shortcuts to your phone's common apps. (See *"Primary Shortcuts"* on page 39.)

5. **Panel Indicator**: Shows what panel of 7 available Home screen panels appears in the display.

6. **Shortcuts**: Shortcuts to common apps. These shortcuts are found on the Home screen by default, and you can add more shortcuts to your favorite apps. (See *"Shortcuts"* on page 40.)

7. **Widget**: Apps that run on the Home screen. This widget is found on the Home screen by default, and you can add your favorites. (See *"Widgets"* on page 39.)

Status Bar Icons

The Status Bar shows network and battery status and other details.

Airplane Mode Active: All wireless communications are disabled. See *"Airplane mode"* on page 145.

USB Connected: The phone is connected to a computer using a USB cable.

Voice Call: A voice call is in progress.

Speakerphone: Speakerphone is enabled.

Missed Call: Displays when there is a missed call.

Mute: Voice or playback volume is muted.

Battery Level: Shown fully charged.

Battery Charging: Battery is charging.

Device Power Critical: Battery has very little power remaining. Charge immediately.

GPS Location Active: One or more GPS location services are active. See *"Location services"* on page 185.

Missing SIM: No LTE SIM is installed.

No Network: No wireless network is available.

3G connection: Phone is active on a 3G system.

4G LTE Connection: Phone is active on a 4G LTE system.

Signal Strength: Current signal strength. The greater the number of bars, the stronger the signal.

New Message: You have new message(s).

New Voicemail: You have new voicemail. A number indicates the number of new messages.

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New Email Message: You have new email.

Silent mode: All sounds except media and alarms are silenced, and Vibrate is not active. See *"Volume"* on page 158.

Vibrate: All sounds are silenced, and Vibrate is active. See *"Vibrations"* on page 159.

SD Card Ready: A memory card scan is underway, to prepare the card for use.

SD Card Removed: A memory card was un-installed.

Bluetooth Active: Bluetooth is turned on.

Bluetooth Connected: Your device is connected with another Bluetooth device.

Wi-Fi Active: Wi-Fi is active, and connected to a Wi-Fi network.

Wi-Fi Action Needed: Action needed to connect to Wi-Fi network. For more information about configuring Wi-Fi, see *"Wi-Fi Settings"* on page 140.

TTY: TTY Mode is active.

Display settings

You can customize display settings to your preferences. For more information, see *"Display"* on page 154.

Extended Home Screen

The Home screen consists of the Home panel, plus panels that extend beyond the display width to provide more space for adding shortcuts, widgets and folders.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the bottom of the display shows your current position.

Customizing the Home Screen

Customize the Home screen to suit your preferences.

- **Add Shortcuts**: For more information, see *"Shortcuts"* on page 40.
- **Add Widgets**: For more information, see *"Widgets"* on page 39.
- **Add Folders**: For more information, see *"Folders"* on page 40.
- **Change the Wallpaper**: For more information, see *"Wallpaper"* on page 41.

Adding and removing Home screen panels

Your phone comes with 7 Home screen panels. You can customize the Home screen to include up to the seven default panels, and set one panel as Home.

1. From the Home screen, touch ▤ **Menu**, then touch **Edit page**.

2. Slide your finger across the screen to scroll the panels, and use these controls to configure panels:

   🗑 **Remove**: Touch and hold on a panel, then drag it to **Remove**.

   ➕ **Add**: Touch a previously-removed panel to add it, up to the default total of six.

   ▦ **Change panel sequence**: Touch and drag panels to different positions.

Tip: You can also "pinch" the Home screen to display Edit options.

Primary Shortcuts

Primary Shortcuts appear at the bottom of the display. You can edit the Primary Shortcuts, except for ▦ **Apps**.

Editing the Primary Shortcuts

To add or remove shortcuts:

■ Touch and hold a shortcut, then drag it from the Primary Shortcuts to the Home screen, or from the Home screen to the Primary Shortcuts.

To remove shortcuts:

■ Touch and hold the shortcut until 🗑 **Remove** appears, then drag the shortcut to the **Remove** icon.

Widgets

Widgets are self-contained applications that you can place on the Home screen for quick, direct access.

Adding Widgets to the Home screen

1. Press the ⬭ **Home** key, swipe to a Home screen panel, then touch and hold on the screen to display the **Home screen** menu.

2. Touch **Add to Home screen**, then select **Apps and widgets**.

3. Touch the **Widgets** tab, then touch a widget and follow the prompts to configure the widget and place it on the Home screen.

Adding Widgets from Apps

1. Press the ⬭ **Home** key, and swipe to a Home screen panel.

2. Touch ▦ **Apps**, then touch the **Widgets** tab.

3. Touch a widget, then follow the prompts to configure the widget and place it on the Home screen.

Removing Widgets

■ Touch and hold the widget until 🗑 **Remove** appears, then drag the widget to the **Remove** icon.

Shortcuts

Use App shortcuts to launch applications from the Home screen. Your phone comes with app shortcuts already placed on the Home screen, and you can add your favorites.

Adding Shortcuts to the Home Screen

Adding shortcuts from the Home screen

1. Press the ⬁ **Home** key, then touch and hold on the screen to display the **Add to Home screen** menu.

2. Touch **Apps and widgets → Apps** tab, then touch a selection.

3. Follow the prompts to configure the shortcut and add it to the Home screen.

Adding Shortcuts from Apps

1. Press the ⬁ **Home** key.

2. Touch ⚏ **Apps**.

3. Touch and hold on an app until it appears on the Home screen.

Removing Shortcuts

■ Touch and hold the shortcut until 🗑 **Remove** appears, then drag the shortcut to the Remove icon.

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Folders

Place folders on the Home screen to organize items.

Adding Folders

1. Press the ⬁ **Home** key.

2. Touch and hold on the screen to display the **Home screen** menu, then under **Add to Home screen** touch **Folder**.

   – or –

   Touch ▤ **Menu → Create folder**.

3. The folder appears on the Home screen. Touch the folder to name it.

Removing Folders

■ Touch and hold the folder until 🗑 **Remove** appears, then drag the folder to the Remove icon.

Wallpaper

Choose a picture to display in the background of the Home screen. You can choose from pre-loaded wallpaper images, or select a picture you've taken with the Camera or downloaded.

1. Press the ⬜ **Home** key, touch and hold on the screen to display the **Home screen** menu, then select **Set wallpaper → Home screen** / **Lock screen** / **Home and lock screens**.

2. Choose a source:

   • **Gallery**: Choose a picture stored on your phone or on an optional installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch **Done** to save the picture as wallpaper.

   • **Live wallpapers**: Choose from pre-loaded animated wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

   • **Wallpaper**: Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Tip: You can also set Wallpaper in Settings. (For more information, see *"Wallpaper"* on page 154.)

Apps

Apps holds all applications installed on your phone. Applications that you download and install from the Google Play™ Store or from the web are also added to Apps.

The Apps screen is like the Home screen, it consists of panels that extend beyond the display width to provide more space. Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the bottom of the display shows your current position.

(For more information about applications, see *"Applications and Widgets"* on page 82.)

You can place shortcuts to apps on the Home screen, for quick access to the app. (For more information, see *"Adding Shortcuts from Apps"* on page 40.)

1. Press the ⬜ **Home** key, then touch ▦ **Apps**.

2. Slide your finger left or right to scroll the Apps screens.

3. Touch an icon to launch the application.

Customizing the Apps Screens
Choosing a view

By default, app icons appear in Grid view. You can change the view to list view.

1. Press the ⬭ **Home** key, then touch ▦ **Apps.**
2. Touch ▤ **Menu → View type**.
3. Choose an option:
    • **Customizable Grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen.
    • **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.
    • **Alphabetical list**: Icons display in a list, sorted from A-Z.

Apps screen options

1. Press the ⬭ **Home** key, then touch ▦ **Apps.**
2. Touch ▤ **Menu** for options:
    • **Play Store**: Launch Google Play™ Store, to browse for new apps to download.
    • **Edit**: Touch and hold an app icon for these options:
        – Drag it to a new location.
        – Drag it to ☐ to create a new folder to contain the icon.
        – Drag it to ☐ to create a new apps screen and place the icon on it.
        – Drag it to ☐ to launch Application manager to view information about the app. For more information, refer to *"Application manager"* on page 189.
        – Drag to ☐ (if available) to remove the icon. The trashcan is only available for apps you've installed. Pre-loaded apps cannot be removed.
    • **Create folder**: Add folders in which to group your apps.
    • **Uninstall**: Remove an app that you downloaded from your phone. Pre-loaded apps cannot be un-installed.
    • **Downloaded applications**: Display all apps you've downloaded.

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- **View type**: Configure the apps screen.
- **Share apps**: Select apps you've downloaded (not available for pre-loaded apps) to share via Bluetooth, Dropbox, Email, Flipboard, Gmail, Google+, Messaging, S Memo, Wi-Fi Direct.
- **Hide applications** / **Show hidden applications**: Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.

Entering Text

This section describes how to enter words, letters, punctuation, and numbers when you need to enter text.

Text Input Methods

There are three text input methods available:

- **Google Voice typing**: allows you to enter text by speaking.
- **Samsung keyboard (default)**: Samsung's on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype**: a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.

(To change the input method, see *"Keyboards and input methods"* on page 168.)

Entering Text Using the Samsung Keyboard

From a screen where you can enter text, rotate your phone counterclockwise to a Landscape orientation. The on-screen QWERTY keypad will display.

Shift Key

Voice Typing and Settings

Text Input Mode

Space Bar

Delete Key

New Paragraph
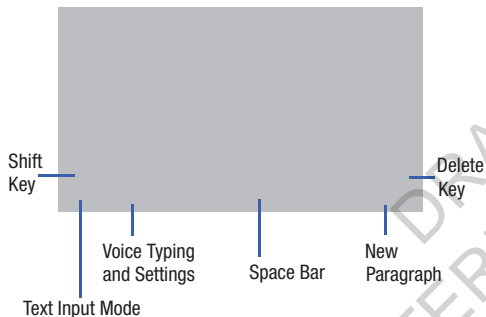
Changing the Text Input Mode - Keypad

There are two main keypad layout keys that will change the on-screen keys within the QWERTY keypad.

The available Text Input modes are: **Sym** and **Abc**.

Symbol/Numeric Mode: activates the number, symbol, and emoticon keys.

ABC Mode: activates the default alphabet keys. Can also be set to **Abc** or **abc** by using the shift (   ) key.

Note: When in **Abc** mode, the **Sym** button will appear. When in **Sym** mode, the **Abc/ABC/abc** button will appear.

Using ABC Mode

1. If desired, rotate your phone counterclockwise to a Landscape orientation.

2. When you tap the **Enter message** field, the following screen displays:

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3. Tap the desired alphabetic characters.
4. The screen initially opens in ABC mode. After typing the first letter, the shift key (   ) will change to   and following letters will be lowercase.
5. Tap   to input another upper-case letter or tap   twice to switch to ABC mode. The shift key will change to   in ABC mode. All following letters will be uppercase until you tap the shift key again.

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emoticons.

1. Rotate your phone counterclockwise to a Landscape orientation.

2. Tap   at the bottom of the screen. The following screen displays:

3. Tap the desired number, symbol, or emoticon characters.
4. Tap the   button to access additional symbols.
5. Tap   to return to Abc mode.

Predictive Text

By using the Predictive Text option, you can have next-letter prediction and regional error correction, which compensates for pressing the wrong keys on the QWERTY keyboard. Predictive text is turned on by default.

1. Press and hold   on the keyboard, then tap   .
2. Tap the ON/OFF slider, located to the right of the **Predictive text** field, to   .

3. In the text portion of the message screen, begin typing a word. A list of word options is displayed. Tap one of the words to replace the word that has already been typed or scroll the line of words to the left for more word choices.

4. Continue typing your message. Tap ___ to send the message or press ___ for more options. (For more information, refer to *"Creating and Sending Messages"* on page 73.)

Note: You can also use Predictive Text mode in the portrait orientation.

Entering Text Using Handwriting

You can enter text simply by using your finger to handwrite letters on your screen.

1. Press and hold ___ on the keyboard, then tap ___.

2. From the keypad, tap ___.

3. Use your finger tip to write out each character. You can print or use cursive.

4. You write out your entire message using the Handwriting feature or tap ___ to switch back to Samsung keyboard mode.

Samsung Keyboard Settings

For information on how you can configure your Samsung keyboard settings, see *"Keyboards and input methods"* on page 168.

Using the Google Voice Typing Feature

You can use your voice to enter text using the Google Voice typing feature.

1. Tap [   ] on the keyboard.

2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.

3. If the red microphone turns gray, then the feature has timed out and you should tap the microphone icon to start again.

   The text is displayed in the message as you are speaking.

4. Tap [   ] to return to the keyboard.

Note: The feature works best when you break your message down into smaller segments.

Entering Text Using Swype

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.

The following example shows how to enter the word "This". Put your finger down on the "T", and without lifting, glide it to the "h", then to the "i" then over to the "s".

Enabling and Configuring Swype

The Samsung keyboard is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

1. From a screen where you can enter text, touch and drag [ ] down from the Notifications area then tap **Select input method**.

2. Tap the **Swype** radio button. It will turn green.

   The Swype keyboard is displayed.

Swype Settings

For information on how you can configure your Swype settings, see *"Keyboards and input methods"* on page 168.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

• Create a squiggle (like an S shape) to create a double letter (such as pp in apple).

• Touch and hold a key to view the punctuation menu then make a selection.

• Move your finger or stylus over the apostrophe to enter contractions.

• Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Section 3: Accounts and Contacts

Accounts

Your phone provides the ability to synchronize information, from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Contacts from your accounts appear in your phone's Contacts.

With synchronization, you can ensure that information on your phone is updated with any information that changes in your accounts.

Setting Up Your Accounts

Set up and manage your accounts with the **Accounts** settings.

(For information about setting up other, non-synchronized email accounts, see *"Configuring Email Accounts"* on page 78.)

Tip: For more information on setting up your email, contact your Wireless Provider.

Adding an account

1. From the Home screen, touch ▤ **Menu**, then touch **Settings → 🗝 Accounts**.

2. Under **My accounts**, touch **Add account**.

3. Select an account type, then follow the prompts to enter your credentials and sign in.

4. The phone communicates with the provider's server to set up your account on the phone.

Controlling Synchronization

You can choose to have your phone automatically synchronize with your accounts, or manually synchronize each account when you want to check messages.

You may also choose to limit automatic or background synchronization to extend battery life.

1. From the Home screen, touch ▣ **Menu**, then touch **Settings → 🔄 Accounts**.

2. Under **My accounts**, touch the desired account type. The related account type screen appears.

3. Under **Accounts**, touch the desired account ID. The **Sync settings** screen for the selected account appears listing some or all of the following synchronization settings:
   • **Sync Calendar**
   • **Sync Contacts**
   • **Sync Email**
   • **Sync Gmail**
   • **Sync Google Photos**
   • **Sync Google Play Books**
   • **Sync Google Play Magazines**
   • **Sync Google Play Movies & TV**
   • **Sync Google Play Music**
   • **Sync Internet**
   • **Sync Picasa Web Albums**
   • **Sync Tasks**

4. Touch these settings to enable/disable synchronization of the associated file types. When enabled, a check mark appears in each setting check box.
   • With automatic synchronization enabled, your phone automatically synchronizes its related files with similar files on on-line file servers.
   • With automatic synchronization disabled, you can manually sync accounts by touching **Sync all** in the account type screen for each account.

Tip: You can control automatic synchronization using the **Sync** toggle in the Quick Settings menu on the Notifications screen. (For more information, refer to *"Quick Setting Bar"* on page 33.)

Google Account Privacy Settings

Personalize the Privacy settings for Google accounts:

1. From the Home screen, touch ▭ **Menu**, then touch
   Settings → 🔑 Accounts.
2. Under **My accounts**, touch **Google**. The **Google** account
   type screen appears.
3. Under **Privacy**, the following options are available:
   - **Maps & Latitude**: Tailor **Location settings** for Google
     accounts.
   - **Search**: Manage Google accounts location histories and
     search histories.
   - **Location settings**: Choose whether Google apps can access
     location information for Google accounts.
   - **Google+**: Manage Google+ information for Google accounts.
   - **Ads**: Choose whether to personalize Google and AdMob
     advertisements for Google accounts.

Managing accounts

1. From the Home screen, touch ▭ **Menu**, then touch
   Settings → 🔑 Accounts.
2. Under **My accounts**, touch the desired account type.
   The related account type screen appears.
3. Under **Accounts**, touch the desired account ID. The
   Sync settings screen for the selected account appears.
   (For more information, refer to *"Controlling
   Synchronization"* on page 50.)
4. To enable or disable a synchronization setting, touch it.
   When enabled, a check mark appears in the check box.
5. To invoke the enabled synchronization settings for the
   selected account, touch **Sync now**.
6. To remove the selected account from your phone,
   touch **Remove account**. A **Delete account?** pop-up
   prompts you to confirm the removal.
   To remove the selected account, touch **Remove
   account**.

Accounts and Contacts   51

Contacts

To access Contacts:

■ From the Home screen, touch 👤 **Contacts**.

Contact tips:

• Swipe your finger left-to-right across a contact to make a call to the contact.

• Swipe right-to-left across a contact to create a message addressed to the contact.

Adding Contacts

1. From the Home screen, touch 👤 **Contacts** → 👤 **Add contact**.

   • If you have defined accounts (Google, Samsung, and so on), the **Save contact to** pop-up appears. Select **Phone** or the account to receive the new Contact entry.

   • If you have not defined any accounts, the **Save contact** pop-up appears. The following options are available:

     – **OK**: Saves your contacts in **"my device contacts"**.

     – **Add new account**: Lets you define an account to which your device will save your contacts. The **Add new account** screen appears. (For more information, refer to *"Setting Up Your Accounts"* on page 49.)

2. Touch contact fields to select or enter information:

   • Touch ☐ **Add photo ID** to choose a picture to identify the contact.

   • Touch **Name** to enter a name for the contact. Touch ☐ to enter **Name prefix**, **First name**, **Middle name**, **Last name,** or **Name suffix**.

   • Touch **Phone number** to enter a phone number, then touch the **Label** button to choose a label, from **Mobile**, **Home**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, **Custom**, or **Callback**. To add another number, touch ☐.

   • Touch **Email address** to enter an email address, then touch the **Label** button to choose a label, from **Home**, **Work**, **Other**, or **Custom** to create a new label. To add an address, touch ☐.

   • Touch **Address** to enter a street or postal address, then touch the **Label** button to choose a label, from **Home**, **Work**, **Other**, or **Custom** to create a new label. To add an address, touch ☐.

   • Touch ☐ next to **Events** to enter a special date, then touch the **Label** button to choose a label, from **Birthday**, **Anniversary**, **Other**, or **Custom** to create a new label.

- Touch **Groups** to assign the contact to a group. For more information about Groups, see *"Groups"* on page 59.

- Touch **Ringtone** to choose a ringtone for the contact.

- Touch **Message alert** to select the alert tone to be played when you receive a message from this contact.

- Touch **Vibration pattern** to choose a vibration pattern to play when you receive a call or message from this contact.

- Touch **Add another field** to add more fields, including **Phonetic Name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, or **Relationship**.

3. When you finish selecting and entering information, touch **Save**.

Creating Contacts from Recent calls

Save a phone number from a recent call to create a new contact, or update an existing contact.

For more information, refer to *"Creating or Updating Contacts Using Recent calls"* on page 67.

Creating Contacts from the Phone Keypad

Enter a phone number with the Phone Keypad, then save it.

1. From the Home screen, touch 📞 **Phone**.

2. Touch the digits of the phone number on the **Keypad**.

3. Touch **Add to Contacts**, then select **Create contact** from the pop-up menu.

4. Continue entering contact information. (For more information, refer to *"Adding Contacts"* on page 52.)

Tip: While entering a phone number, you can add waits or pauses. Enter the number up to the pause or wait, then touch ▤ **Menu** to select **Add 2-sec pause** or **Add wait**.

Updating Contacts

Make changes to update an existing contact.

1. From the Home screen, touch 🔼 **Contacts**.

2. Touch a contact to view its information, then touch ▭ **Edit**.

   – or –

   Touch and hold a contact, then select **Edit** from the menu.

3. Continue entering contact information. (For more information, refer to *"Adding Contacts"* on page 52.)

Updating Contacts from the Phone Keypad

Enter a phone number with the Phone Keypad, then save it.

1. From the Home screen, touch 📞 **Phone**.

2. Touch the digits of the phone number on the **Keypad**.

3. Touch **Add to Contacts**, then select **Update existing** from the pop-up menu.

4. Select a contact to update, then continue entering contact information. (For more information, refer to *"Adding Contacts"* on page 52.)

Updating Contacts from Recent calls

Save a phone number from a recent call to create a new contact, or update an existing contact.

For more information, refer to *"Creating or Updating Contacts Using Recent calls"* on page 67.

Choosing Contacts to Display

1. From the Home screen, touch 🔼 **Contacts**.

2. Touch ▭ **Menu**, then touch **Contacts to display**:

   • Choose **All contacts** to show all contacts.

   • Touch **Device** to show only show contacts saved to the phone.

   • Choose an account to only display contacts from that account.

   • Choose **Customized list** to select contact types for each account, or the phone.

Contacts Settings

1. From the Home screen, touch 📇 **Contacts**.

2. Touch ☰ **Menu**, then touch **Settings**:

   • Select **Only contacts with phones** to show contacts with at least one stored phone number.

   • Touch **List by** to sort contacts by first or last name.

   • Touch **Display contacts by** to list contacts by first or last name.

   • Touch **Contact sharing settings** to set your preference for sending contacts namecards to other accounts or devices. (For more information about sending contacts, see *"Sending Namecards"* on page 58.)

Other Contacts Options

1. From the Home screen, touch 📇 **Contacts**.

2. Touch a contact to display it, then touch ☰ **Menu**:

   • **History**: View calls and messages to and from this contact.

   • **Edit**: Modify contact information. (For more information, refer to *"Updating Contacts"* on page 54.)

   • **Delete**: Erase the contact record.

   • **Join contact / Separate contact**: Manage multiple contacts as one. (For more information, refer to *"Joining Contacts"* on page 57.)

   • **Mark as default**: Set a default phone number or other field (such as IM or email address). Defaults are the contact method used when creating a message or calling a contact. You can also set a default by touching and holding on a contact field.

   • **Share namecard via**: Send the namecard. (For more information, refer to *"Sending Namecards"* on page 58.)

   • **Add to reject list**: Mark the contact so that calls or messages from the contact are rejected automatically. To remove a contact from the reject list, touch and hold on the contact in the main contacts screen, then choose **Delete from reject list**.

- **Print contact info**: Print the namecard via Bluetooth to a compatible Samsung Bluetooth-enabled printer.
- **Add shortcut to Home**: Add shortcut to this contact to Home screen.

My Local Profile

My local profile is your own contact record, listed under **ME** in Contacts. You can send My local profile as a vCard via Bluetooth or as an attachment to messages.

Creating My Local Profile

1. From the Home screen, touch **Contacts**.
2. Under **ME** touch your Google account name or **Set up profile**.
3. Enter your information in the contact fields. (For more information, refer to *"Adding Contacts"* on page 52.)

Sending My Local Profile

You can send your profile as a vCard via Bluetooth to other Bluetooth devices, or as an attachment.

1. From the Home screen, touch **Contacts**.
2. Touch your profile to display your contact information.
3. Touch **Menu**, then touch **Share namecard via**.
4. Choose a sending method or app from the **Complete action using** pop-up, then follow the prompts to send the profile.

Joining Contacts

Your phone can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your phone, you may have multiple contacts for one person.

Joining contact records allows you to see all the contact's numbers and addresses together. Joining also helps you keep your contacts updated, because any changes to information in the respective accounts is automatically updated the next time you synchronize with the account.

Joining contacts

1. From the Home screen, touch 🔲 **Contacts**.

2. Touch a contact to display its information.

3. Touch ☰ **Menu**, then touch **Join contact**. A list of available contacts appears.

4. Select a contact to join to the displayed contact. The joined contact appears.

5. To join another contact, touch the **Connection** field. The Joined contact screen appears.

   Touch **Join another contact**. A list of available contacts appears.

   Select a contact to join to the displayed contact. The joined contact appears.

Separating contacts

1. From the Home screen, touch 🔲 **Contacts**.

2. Touch a contact to display its information.

3. Touch the **Connection** field to display joined contacts.

4. Touch ▫ to the right of a contact to remove it from the selected joined contact.

Exporting and Importing Contacts

You can export your contact list to an installed memory card, or import a list of contacts (previously exported) from a memory card.

1. From the Home screen, touch 🔲 **Contacts**.
2. Touch ▤ **Menu**, then touch **Import/Export**.
3. Select an option, then follow the prompts to complete the operation:
   - **Import from USB storage**: Copy contacts that are saved in installed mass storage.
   - **Export to USB storage**: Copy contacts to installed mass storage.
   - **Import from SD card**: Copy contacts that are saved on an installed memory card.
   - **Export to SD card**: Copy contacts to an installed memory card.
   - **Share namecard via**: Share contacts as Namecards. (For more information, refer to *"Sending Namecards"* on page 58.)

Sending Namecards

You can send a contact entry as a namecard using a Bluetooth connection to another device, or as an attachment to a Gmail or Email message.

Important! Not all Bluetooth devices will accept contacts, and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From the Home screen, touch 🔲 **Contacts**.
2. Touch ▤ **Menu**, then touch **Import/Export** → **Share namecard via**.
3. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark appears in the check box for marked contacts.
4. Touch **Done**.
5. Choose a sending method or app from the **Complete action using** pop-up, then follow the prompts to send the profile.

Favorites

Mark contacts with a ⭐ star to identify them as Favorites.

Favorites display on the **Favorites** tab in the **Phone** and **Contacts** screens for fast dialing or messaging, and are indicated by the ⭐.

Creating Favorites

1. From the Home screen, touch 🔲 **Contacts**.
2. Touch and hold on a contact, then select **Add to favorites** from the pop-up menu.

   – or –

   Touch a contact to display it, then touch ☆ at the top right of the screen, it changes color to ⭐.

Groups

Assign contacts to Groups to make searching for contacts faster, or to quickly call or send messages to group members. Your phone comes with pre-loaded groups you can use to add your contacts.

Adding a New Group

1. From the Home screen, touch 🔲 **Contacts** →
   Groups.
2. Touch ▤ **Menu → Create**, then enter information:
   • Touch **Group name** to enter a Group Name.
   • Touch **Group ringtone** to choose a ringtone for calls from members of this group.
   • Touch **Vibration pattern** to choose a vibration to play for calls from members of this group.
   • Touch **Add member** to select members from Contacts.
3. Touch **Save** to save the new group.

Editing a Group

1. From the Home screen, touch 📇 **Contacts** ➔ 👥 **Groups**.
2. Touch a Group to display it.
3. Touch ☰ **Menu** ➔ **Edit**, then update information for the group. For more information, see *"Adding a New Group"* on page 59.

Deleting a Group

Tip: You can only delete groups that you have created.

1. From the Home screen, touch 📇 **Contacts** ➔ 👥 **Groups**.
2. Touch ☰ **Menu** ➔ **Delete groups**.
3. Touch a Group to mark it for deletion, or touch **Select all** to mark all groups. When selected, a check mark appears in the check box. You cannot delete pre-loaded groups.
4. Touch **Delete**, then choose **Group only** or **Group and group members**.

Adding Contacts to a Group

1. From the Home screen, touch 📇 **Contacts** ➔ 👥 **Groups**.
2. Touch a Group to display it, then touch ▢ .
3. Touch contact(s) to mark them for addition, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
4. Touch **Done** to add the selected contact(s).

Removing Contacts from a Group

1. From the Home screen, touch 📇 **Contacts** ➔ 👥 **Groups**.
2. Touch a Group to display it.
3. Touch ☰ **Menu** ➔ **Remove member**.
4. Touch contact(s) to mark them for removal, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
5. Touch **Done** to remove the selected contact(s).

Sending a Message to Group Members

Create a new text or email message, addressed to the group's members.

1. From the Home screen, touch 🔲 **Contacts** ➔ **Groups**.
2. Touch and hold a Group, then touch **Send message** or **Send email**.
3. Touch contacts to mark them as recipients for the new message, then touch **Done**.
4. The new message opens, with the marked contacts as recipients. Continue creating the message, as desired. (For more information, refer to *"Creating and Sending Messages"* on page 73, or *"Composing and Sending Email"* on page 78.)

Speed Dials

Speed dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.

For more information about calling using speed dials, see *"Making Calls using Speed Dials"* on page 62.

Note: Speed dial 1 is reserved for Voicemail, and cannot be assigned.

Assigning Speed Dials

1. From the Home screen, touch 🔲 **Contacts**.
2. Touch 🔳 **Menu**, then touch **Speed dial setting**.
3. A list of speed dials displays. Touch a speed dial, then touch a contact to assign the speed dial to the contact.

Removing or Reassigning a Speed Dial

1. From the Home screen, touch 🔲 **Contacts**.
2. Touch 🔳 **Menu**, then touch **Speed dial setting**.
3. Touch and hold an assigned Speed dial setting, the following options pop-up:
   • **Replace**: Touch a new speed dial location to assign it to the contact.
   • **Delete**: Un-assign the speed dial from the contact.

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Section 4: Calling

Making Calls

Your phone offers multiple ways to make calls:

- Use the touch screen **Phone Keypad** to enter the phone number or speed dial.
- Call a contact from **Contacts**.
- Call a contact from **Favorites**.
- Return a call, or call a recent caller, from **Recent**.
- Voice dial using **Voice Dialer**.

Making Calls Using the Phone Keypad

1. From the Home screen, touch **Phone**.
2. Touch the digits of the telephone number on the **Keypad**.
3. Touch to place the call.

Making Calls using Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.

(For more information about setting speed dials, see *"Speed Dials"* on page 61.)

1. From the Home screen, touch **Phone**.
2. Touch the digits of the speed dial number on the **Keypad**, holding the last digit until the number dials.

Making Calls from Contacts

A contact is an entry that you have created to store the name, numbers, and other information for people or groups of interest.

(For more information, refer to *"Contacts"* on page 52.)

1. From the Home screen, touch 🔲 **Contacts**.

2. Find the contact and touch it to open the Contact entry.

3. Swipe your finger from left to right across the contact to dial their default number.

   – or –

   Touch a contact, then touch 📞 to dial the number.

Making Calls using S Voice

Place a call by speaking the name or number.

1. From the Home screen, touch 📞 **Phone**. then touch 🔲 **S Voice**.

2. The first time you access S Voice, follow the prompts to confirm the license agreement, and view information about S Voice.

3. Follow the prompts to speak a command. You can say commands such as:

   • **Call <Name >**: Call an entry in your Contacts list.

   • **Dial <Phone number>**: Call a spoken phone number.

   • **Redial**: Repeat a recent call.

Making Calls using Favorites

Favorites are contacts that you designate as favorites by starring them. (For more information about creating favorites, see *"Favorites"* on page 59.)

1. From the Home screen, touch 📞 **Phone**.
2. Touch ⭐ **Favorites** to display favorites.
3. Find the contact and touch it to open the Contact entry.
4. Swipe your finger from left to right across the contact to dial their default number.

   – or –

   Touch a contact, then touch 📞 to dial the number.

Making Calls from Recent calls

Return a call, or call a number from a recent call stored in Recent calls.

(For more information, refer to *"Recent Calls"* on page 66.)

Multi-party Calling

Use multi-party call features to set up a call between multiple callers, such as for a conference call.

1. Establish the first call, by answering an incoming call or making a call.
2. Touch **Add call**. The first call is placed on hold.
3. Make the second call by touching the phone number digits, then press 📞.
4. Touch Merge to merge the calls into one conference call.
5. To end the call touch ▢.

Answering Calls

You can answer incoming calls when the phone is locked or unlocked.

■ Touch and drag the ▢ **Answer** icon to the right.
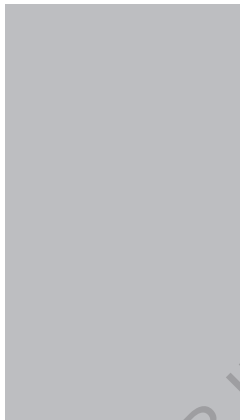
Tip: To silence the ringtone for an incoming call, press the **Volume** key Up or Down.

Sending Calls to Voicemail

When your phone alerts you to an incoming call, you can reject the call to send the caller to voice mail, or reject the call and send a message to the caller.

Rejecting a call

■ Touch and drag the ▢ **Reject** icon to the left.

Rejecting a call with a message

■ Touch and drag **Reject call with message** toward the middle of the screen, then select an existing message, or **Create new message**.

Note: For more information about creating reject messages, see *"Set up call rejection messages"* on page 69.

Answering Call-Waiting Calls

When you receive a call while on a call:

- Touch and drag the ▢ **Answer** icon to the right to answer the incoming call. The original call is placed on hold, and remains on hold until you end the second call, or swap calls back to the original call.
- Touch **Swap** to place a call on hold and return to the original call.

Options During a Call

While in a call, you can use these features:

- **Add call**: Display the Dialer to set up a multi-party call.
- **Keypad**: Display a keypad to enter numbers.
- **End call**: End the phone call.
- **Speaker**: Enable or disable speakerphone.
- **Mute**: Mute or unmute your voice on the call.
- **Headset**: Switch the call's audio to a Bluetooth headset.
- Touch ▭ **Menu** for options:
  – **Contacts**: Launch Contacts.
  – **Message**: Launch Messaging to view or create messages.
  – **Memo**: Launch S Memo to take notes in text, or create a drawing.
  – **Noise reduction on/Noise reduction off**: Enable or disable noise reduction, to improve call audio quality in noisy environments.

– **My call sound**: Apply a sound equalizer to the call audio, in cases where you might need the sound softer or clear, or optimized for your right or left ear.

Ending a Call

- Touch   .

Recent Calls

When you place, answer, or miss a call, a record of the call is saved in Recent calls.

Accessing Recent calls

- From the Home screen, touch 📞 **Phone** ➔ 📞 **Recent** to display recent calls.

Making Calls using Recent calls

1. From the Home screen, touch 📞 **Phone**.
2. Touch 📞 **Recent** to display recent calls.
3. Swipe your finger from left to right across the call to redial.

    – or –

    Touch a call, then touch 📞 to dial the number.

Sending Messages using Recent calls

1. From the Home screen, touch 📞 **Phone** ➔ 🔄 **Recent**.

2. Swipe your finger from right to left across the call.

   – or –

   For a contact call, touch the picture ID icon, then touch ▭ to create a message to the number.

Creating or Updating Contacts Using Recent calls

1. From the Home screen, touch 📞 **Phone** ➔ 🔄 **Recent**.

2. Touch and hold on a call, then select **Add to Contacts** from the pop-up menu.

3. Choose **Create contact** or **Update existing**.

4. Continue entering contact information. (For more information, see *"Contacts"* on page 52.)

Managing Recent calls

Deleting records

1. From the Home screen, touch 📞 **Phone** ➔ 🔄 **Recent**.

2. While viewing the calls, touch ▭ **Menu**, then touch **Delete**.

3. Touch call records to mark them for deletion, or touch **Select all**. A check indicates marked records.

4. Touch **Delete** to delete marked records.

Filtering records

1. From the Home screen, touch 📞 **Phone** ➔ 🔄 **Recent**.

2. While viewing the calls, touch ▭ **Menu**, then touch **View by**.

3. Select a filter type, from **All calls and messages**, **All calls**, **Missed calls**, **Dialed calls**, **Received calls**, **Rejected calls**, **All messages**, **Sent messages**, or **Received messages**.

Viewing call durations

View the length of the Last call, all Dialed calls, all Received calls, or All calls.

1. From the Home screen, touch 📞 **Phone** →
   📞 **Recent**.

2. While viewing calls, touch ▤ **Menu**, then touch **Call duration**.

Call Settings

Configure settings for calling with your phone.

■ To access Call settings, from the Home screen, touch 📞 **Phone** → ▤ **Menu** → **Call Settings**.

Call rejection

Create and manage a list of phone numbers, to have your phone automatically reject calls you receive from those numbers.

■ From the **Call Settings** screen, touch **Call rejection** for these options:

• **Auto reject mode**: Touch **Auto reject mode** OFF to turn Auto reject ON, or touch **Auto reject mode** ON to turn Auto reject OFF. When ON, calls from numbers on the Auto reject list will be rejected.

• **Auto reject list**: Enter telephone numbers to be rejected when Auto reject mode is ON. Turn on **Unavailable** to reject calls with no caller ID. Touch **Create**, then follow the prompts to enter numbers to reject, or select them from Contacts. Touch **Match criteria** to set options for using the reject number list.

Set up call rejection messages

Create and manage text messages to send to callers when you select **Reject call with message** in the **Incoming call** screen.

1. From the **Call Settings** screen, touch **Set up call rejection messages**.

2. Manage messages:
   • To create new rejection messages, touch **Create**, then follow the prompts.
   • To modify an existing rejection message, touch the message, then edit the text.
   • To erase an existing rejection message, touch ⑪, select the message to be erased, then touch **Delete**.

Call answering/ending

Manage settings for answering and ending calls.

1. From the **Call Settings** screen, touch **Call answering/ending**. The following options are available:
   • **Answering key**: When enabled, you can answer an incoming call by pressing ⌷ **Home**.
   • **The power key ends calls**: When enabled, pressing ⌷ **Power/Lock** ends a call.

Auto screen off during calls

When enabled, the screen automatically turns off during phone calls, and the proximity sensor on the front of the phone is used to turn the screen back on when the phone is moved or brought close to another surface, such as when you move the phone to your ear.

■ From the **Call Settings** screen, touch **Turn off screen during calls** to enable or disable the option.

Call alerts

Set options for sounds and vibrations to occur during calls.

■ From the **Call Settings** screen, touch **Call alerts**. The following options are available:

 • **Call vibrations**: Enable **Vibrate on connection to network** to have your phone vibrate when it connects to the network. Enable on **Call-end vibration** to have the phone vibrate when the other caller ends the call.

 • **Call status tones**: Choose options for sounds to play during calls. Enable **Call connect tone** to have the phone play a tone when the other caller answers a call. Enable **Minute minder** to have a tone play once per minute during a call. Enable **Call end tone** to have the phone play a tone when the other caller ends the call. Touch **OK** to save the settings.

 • **Alerts during calls**: Enable to have notifications for alarms and new messages play during phone calls. When disabled, these notifications will be muted during a call.

Accessory setting for call

Configure headset options for calls.

■ From the **Call Settings** screen, touch **Accessory settings for call**. The following options are available:

 • **Headset settings for incoming calls**:

  – **Automatic answering**: When enabled, and you have a headset connected to the Headset Jack, incoming calls are answered automatically after a delay, set at Automatic answering timer.

  – **Automatic answering timer**: Choose a time period to delay before automatically answering an incoming call when Automatic answering is enabled and a headset is connected to the phone.

 • **BT (Bluetooth) headset settings for outgoing calls**:

  – **Outgoing call conditions**: When the phone is paired with a Bluetooth headset, you can choose to make calls even when the phone is locked.

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Ringtones and keypad tones

Select incoming call ringtone and vibration, and enable or disable call vibration and keypad tones.

■ From the **Call Settings** screen, under **Ringtone and sound settings**, touch **Ringtones and keypad tones**. The following options are available:

• **Ringtones**: Select the ringtone your phone plays to alert you of incoming calls.

• **Vibrations**: Select the vibration pattern your phone uses to alert you of incoming calls.

• **Vibrate when ringing**: Touch to enable/disable use of your selected **Vibrations**. When enabled, a check mark appears in the check box.

• **Keypad tones**: Touch to enable/disable playing of DTMF tones when you enter numbers with the Phone keypad. When enabled, a check mark appears in the check box.

Personalize call sound

When enabled, you can select a sound profile for use during calls.

■ From the **Call Settings** screen, under **Ringtone and sound settings**, touch **Personalize call sound** to Adapt Sound, use Soft sound, use Clear sound, or use System volume setting (Off).

Noise reduction

When enabled, the phone uses both of its microphones to detect background noise from your environment and suppress it during calls.

■ From the **Call Settings** screen, under **Ringtone and sound settings**, touch **Noise reduction** to enable or disable the option.

Increase volume in pocket

When enabled, the phone uses the proximity sensor to detect when the phone is in a pocket or other close-fitting location such as a purse or bag, and increases the volume for incoming call ringtones.

■ From the **Call Settings** screen, touch **Increase volume in pocket** to enable or disable the option.

Voicemail

Configure options for voicemail.

- From the **Call Settings** screen, under **Voicemail**, the following options are available:
  - **Voicemail service**: By default, your phone uses your wireless service provider's voicemail service. If you have another option for voicemail installed, select it here.
  - **Voicemail settings**: By default, the speed dial for calling voicemail (speed dial 1) is set to your phone number. If you wish to use another Voicemail service, touch **Voicemail number** to set a new one.
  - **Ringtone**: Choose sound to play for a voicemail notification.
  - **Vibrate**: Choose an option for vibration to play for a voicemail notification.

Other call settings

- From the **Call Settings** screen, under **Other call settings**, the following options are available:
  - **Auto retry**: When enabled, the phone will automatically redial a call if it receives a busy signal from the network.
  - **TTY mode**: Choose a TTY mode to enable TTY mode, for use with optional TTY equipment.
  - **DTMF tones**: Set the length of Dual-tone Multi-frequency tones, which play when you use the keypad during a call, such as when navigating phone menus.
  - **Voice privacy**: Enable or disable Enhanced voice privacy, to improve the security of phone calls.

Section 5: Messaging

This section describes how to send and receive messages, and other features associated with messaging.

Types of Messages

Your phone supports these types of messages:

- **Text messages**: Send and receive simple messages containing text to other mobile phones or email addresses (also known as SMS).
- **Multimedia messages**: Send and receive text messages with pictures, video, and/or sound to other mobile phones or email addresses (also known as MMS).
- **Mobile IMs**: Exchange Instant Messages with other users of popular messaging sites.
- **Email**: Send and receive email from your email accounts, including Corporate mail.
- **Gmail**: Send and receive Gmail from your Google account.
- **Voicemail**: Retrieve voice messages from callers.
- **Google Talk**: Chat with other Google Talk users.

Text and Multimedia Messaging

Your phone can send and receive text and multimedia messages.

Creating and Sending Messages

1. From the Home screen, touch ▢ **Messaging** ➔ ▢ **New message**.

2. Touch **Enter recipient** and enter a name, phone number or email address, or touch ▢ to add recipients from Contacts. As you enter text, matching contacts appear. Touch a contact to add it to the list.

3. Touch **Enter message**, then enter the message text. The following options are available (which options are available depends on whether you include an attachment):

   - Touch ⊘ **Attach** to add media (Image, Take a picture, Video, Record video, Audio, Record audio files) or content (S Memo text, Calendar events, Locations, Contacts) to the message (converts the message to MMS).

- Touch ⊡ **Menu** for options:
  - **Insert smiley**: Add a text emoticon to the message.
  - **Add text**: Select text from S Memo, Calendar, Location, Contacts or Text templates to add.
  - **Preview**: View the message and attachments before sending.
  - **Add to Contacts**: If the recipients are not saved in Contacts, save the info as a new contact, or update an existing contact.
  - **Add slide** / **Delete slide**: Add or remove a slide. Slides hold pictures or other media (adding a slide converts the message to MMS).
  - **Add subject**: Add a subject field (converts the message to MMS.)
  - **Duration (5sec)**: Set the length of time the media on the slide displays.
  - **Layout (bottom)**: Choose whether the message text appears above (Text on top) of the attachment(s), or after (Text on bottom).
  - **Scheduled message**: Select a delivery date and time.
  - **Discard**: Erase this message.
  - **Translate**: Launches the Translator app.
4. Touch ✉ to send the message.

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Managing Messages

Messages you send and receive to the same contact, number or address are grouped together as a "conversation". Threads allow you to see all the messages you exchanged with a recipient in one place.

1. From the Home screen, touch ✉ **Messaging**.
2. Message threads display by contact, number, or address. While viewing message threads, you have these options:
   - Touch and hold a thread to choose options, including:
     - **View Contact** / **Add to Contacts**: View the contact record, or save the sender/recipient's information.
     - **Delete thread**: Erase the entire message thread.
     - **Register number as spam**: Add this number to message reject list. Messages from this number are automatically placed in the Spam messages folder.
   - Touch ⊡ **Menu** for options, including:
     - **Search**: Enter characters to search messages and recipients.
     - **Delete threads**: Touch message threads to mark them for erasure, or touch **Select all** to mark all message threads.

– **Draft messages**: Messages you have composed and saved for later reuse and/or to be sent to a recipient.

– **Locked messages**: Messages you have locked to protect them from accidental deletion.

– **Spam messages**: Messages received from numbers you have registered as spam senders.

– **Settings**: Configure Messaging settings.

Message Settings

Configure settings for message storage, delivery, or alerts.

1. From the Home screen, touch ✉ **Messaging**.

2. Touch ▤ **Menu**, then touch **Settings** for options:

   • **General settings**:

   – **Delete old messages**: When enabled, messages are automatically erased when storage reaches default limits. When disabled, the phone will prompt you to delete old messages to make room.

   – **Text message limit**: Set the number of SMS messages per conversation.

   – **Multimedia message limit**: Set the number of MMS messages per thread.

   – **Text templates**: Text templates are phrases that you can add to your messages. Use a pre-loaded text template, or create your own.

   • **Text message (SMS) settings**:

   – **Delivery reports**: When enabled, you receive a delivery report for text messages you send.

   – **Auto combination**: When enabled, re-assembles multi-segment messages and shows them as a single message.

- **Multimedia message (MMS) settings**:
  - **Delivery reports**: When enabled, you receive a delivery report for multimedia messages you send.
  - **Auto-retrieve**: When enabled, MMS messages download automatically. When disabled, the phone prompts for download.
  - **Roaming auto-retrieve**: When enabled, MMS messages download and display automatically when roaming. When disabled, the phone prompts you to download new MMS messages.
  - **MMS alert**: When enabled, alerts you when a message changes mode to MMS.
- **Display**:
  - **Bubble style**: Choose the appearance of messages in a message thread. Touch a bubble style for each side of the conversation, then touch **Save**.
  - **Background style**: Choose the appearance of the screen behind message threads. Touch a style, then touch **Save**.
  - **Use the volume key**: When enabled, you can change the size of message text while viewing by pressing the Volume Key.

- **Notification settings**:
  - **Notifications**: When enabled, message alerts display in the Status bar.
  - **Select ringtone**: Choose a sound for message alerts.
  - **Vibrate**: Configure vibration for message alerts.
  - **Message alert repetition**: Choose to have message alert repeat Once, Every 2 minutes, or Every 10 minutes.
  - **Preview message**: When enabled, a preview of a received message appears in the Status bar.
- **Emergency message settings**:
  - **Emergency alerts**: This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert Service (CMAS), including Presidential Alerts, Imminent Alerts (Severe or Extreme), and AMBER Alerts (missing persons). You may choose not to receive Imminent and AMBER alerts, but Presidential Alerts cannot be disabled. All alerts are enabled by default (check mark shown). For more information about Emergency Alerts see *"Emergency alerts"* on page 77.
  - **Emergency notification preview**: Listen to an example of a Emergency Alert tone (and vibration, if enabled). The Emergency Alert tone plays at the same volume as your call ringtone.

- **Vibrate**: Configure vibration for Emergency Alerts.
- **Alert sound**: When enabled, a sound plays for emergency alerts.
- **Alert reminder**: Choose whether, and at what interval, your phone plays a sound to notify you of a Emergency Alert after the Emergency Alert tone has stopped.

• **Signature settings**:
   - **Add signature**: When enabled, adds your signature text to the end of your outgoing messages.
   - **Signature text**: Enter text to be added to the end of your outgoing messages.

• **Spam message settings**:
   - **Spam settings**: When enabled, the Spam message settings are activated.
   - **Add to spam numbers**: Enter sender numbers whose messages are blocked automatically.
   - **Add to spam phrases**: Enter message text phrases that will cause messages to be blocked automatically.
   - **Block unknown senders**: When enabled, messages from "Unknown" senders are blocked automatically.

Emergency alerts

This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert Service (CMAS). Emergency Alerts are geographically-targeted, and alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert.

There are four types of Emergency Alerts:

• Presidential

• Extreme

• Severe

• AMBER Alerts (missing person alert)

You may choose not to receive Extreme Alerts, Sever Alerts, and AMBER Alerts. Presidential Alerts, however, cannot be disabled. To disable Extreme and Severe Threat Alerts and AMBER Alerts, do the following:

1. From the Home screen, touch **Messaging**.

2. Touch **Menu** → **Settings** → **Emergency alerts**.

3. All alerts are enabled by default (check mark showing). To disable alerts, touch an alert to remove the check mark.

Email

Send and receive email using popular email services.

Configuring Email Accounts

You can configure Email for most accounts in just a few steps.

Configuring the first email account

1. From the Home screen, select ▦ **Apps →** @ **Email**.

2. Select your email provider, then follow the prompts to set up your email account.

Note: For more information on setting up your email, contact your Wireless Provider.

Configuring additional email accounts

1. From the Home screen, select ▦ **Apps →** @ **Email**.

2. Touch ▤ **Menu**, then touch **Settings**.

3. Select your email provider, then follow the prompts to set up your email account.

Composing and Sending Email

1. From the Home screen, select ▦ **Apps →** @ **Email →** **Compose**.

2. Touch fields to enter recipients and the email text.

3. While composing a message, touch ▤ **Menu** for options.

4. Touch ⊘ **Attach** to add a file to the message.

5. Touch ✉ **Send** to send the message.

Managing Emails

Refreshing Your Email Account

Refresh your account to update your phone from the servers.

1. From the Home screen, select ▦ **Apps** ➔
   @ **Email**.
2. Touch ▢ **Refresh**.

Email Account Settings

Use Account settings to configure handling of your email.

Note: Available settings depend on the email provider.

1. From the Home screen, select ▦ **Apps** ➔
   @ **Email**.
2. Touch an account to view it, then touch ▤ **Menu** ➔
   Settings ➔ **General preferences** for options.

Gmail

Send and receive emails via Gmail, Google's web-based email.

■ From the Home screen, select ▦ **Apps** ➔
   ✉ **Gmail**.

Setting Up Your Gmail Account

The first time you launch Gmail, your phone will prompt you to set up your Google account.

1. From the Home screen, select ▦ **Apps** ➔
   ✉ **Gmail**.
2. Follow the prompts to sign in, or create a new account.
3. The phone communicates with the Google server to set up your account and synchronize your email.

Note: You can use more than one Google account on your phone. To add another account, from within Gmail, touch ▤ **Menu** ➔ **Settings** ➔ **ADD ACCOUNT** option.

Refreshing Your Gmail Account

Refresh your account to update messages on your phone.

1. From the Home screen, touch ▦ **Apps** ➔
   📧 **Gmail**.

2. Touch 🔄 **Refresh**.

Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From the Home screen, touch ▦ **Apps** ➔
   📧 **Gmail**.

2. Touch ▤ **Menu** for options.

Composing and Sending Gmail

1. From the Home screen, touch ▦ **Apps** ➔
   📧 **Gmail** ➔ ✉ **New message**.

2. Touch fields and to compose the message. While
   composing, touch ▤ **Menu** for options.

3. When your message is complete, touch ➤ **Send**.

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. Log on to your Google account if you have not already
   done so. For more information, refer to *"Your Google™
   Account"* on page 16.

2. From the Home screen, touch ▦ **Apps** ➔ 💬 **Talk**.

3. Begin using Google Talk.

4. Press ▤ ➔ **Help** for more information on using
   Google Talk.

Note: The Network confirms your login and processes. This
could take up to 5 minutes to complete.

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 on to your Google account. For more information, refer to *"Your Google™ Account"* on page 16

2. From the Home screen, touch ▦ **Apps** ➔ 📧 **Messenger**.

   – or –

   From the Google+ application, select **Messenger**.

3. Select the account you want to use to sign in to Google+.

   – or –

   Touch **Create a new account** to create another account.

4. At the **Messenger** screen, touch ☐ to start a new message.

5. In the upper text field, enter a name, email address, or circle.

6. In the bottom message field, enter a message then touch ☐.

7. From the **Messenger** screen, touch **Learn more** for more detailed information.

Section 6: Applications and Widgets

This section contains a description of each application and widget that is available in the Apps and Widget menus, the function, and how to navigate through that particular application or widget. If the application or widget is already described in another section of this user manual, then a cross reference to that particular section is provided.

This section contains a description of each application available in the Apps menu and how to launch it. For applications provided by Samsung, this section also describes functions and navigation.

If an application is described in another section of this user manual, a cross reference to that particular section is provided.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or other sources should be obtained from the application provider directly and not from Samsung.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. (For details, see *"Customizing the Home Screen"* on page 38.)

You can also add an application icon as a Primary Shortcut that will display on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Apps menu. (For more information, refer to *"Editing the Primary Shortcuts"* on page 39.)

Accessing Applications

1. Press ⬭ **Home**, then touch ▦ **Apps**, and the **Apps** tab. The **Apps** screen appears in the display.

2. Sweep your finger right or left to scroll the Apps screens.

3. To launch an application, touch the application's icon.

Customizing the Applications Screens
Choosing a view

By default, application icons appear in Customizable grid
view. You can change the view to Alphabetical grid view or
Alphabetical list view.

1. From the **Apps** screen, touch ▤ **Menu → View type**.
    The available options are:

    • **Customizable grid**: Arrange application icons in the order you
      prefer.

    • **Alphabetical grid**: Application icons automatically arranged in
      alphabetical order.

    • **Alphabetical list**: Application icons automatically listed in
      alphabetical order.

Moving Application icons

With the **Apps** screen in Customizable grid view, you can
arrange the application icons to suit yourself.

1. From the **Apps** screen, touch ▤ **Menu**, then touch
    Edit.

Note: The **Edit** option is not available with the **Apps** screen
View type set to **Alphabetical list**.

2. Touch and hold an application icon, then drag it to a
    new location.

3. When you are finished, then touch **Save**.

Filtering Application icons

You can select which icons appear in the **Apps** screen.

■ From the **Apps** screen, touch ▭ **Menu**, then touch either of the following options:

• **Downloaded applications**: Shows only those applications you have downloaded and installed on your phone.

• **Hide applications**: Mark those applications you do not want to appear on the **Apps** screen by touching their icons (check marks appear in their check boxes), then touch **Done**. The **Apps** screen appears without the hidden applications.

Applications List

AllShare Play

AllShare Play™ wirelessly synchronizes your Samsung device with your TV, streams content, and even keeps tabs on who calls or sends text messages with real-time, on-screen monitoring. Samsung's AllShare makes staying connected easy.

Using AllShare Play you can share your in-device media content with other external DLNA certified™ (Digital Living Network Alliance) Devices.

Tip: Wi-Fi capability can be provided to TVs via a digital multimedia streamer.

AllShare Definitions:

AllShare	This uses the traditional DLNA technology for sharing multimedia (photos, videos, or music) to your Samsung Smart TV and other DLNA devices.

AllShare Play	This new feature builds on the previous AllShare feature. It includes features such as Web storage integration and social networking integration. This is a Web service that requires using a Samsung account.
AllShare Play/Group Cast	A subset feature of AllShare Play, this allows you to mirror photos and multimedia presentations with other members of your current Wi-Fi group. Users must be on the same Wi-Fi and provide an access code to join the group.
AllShare Cast (with Hub accessory)	This feature functions with an external Wi-Fi AllShareCast Hub connected to a TV. It allows you to fully mirror what is currently displayed on your device to the external TV.

Important! Before launching AllShare Play, first connect both of your communicating devices to the same Wi-Fi and be using an active/registered Samsung account. For more information, refer to *"Wi-Fi Settings"* on page 140 and to *"Creating a Samsung Account"* on page 17.

Important! The Samsung account manages your access information (username/password) to several applications, such as AllShare Play, ChatON, and Savanna Store.

1. From the **Apps** screen, touch **AllShare Play**.
   The AllShare Play screen appears.

2. Touch **Sign in** to sign into your Samsung account, if you have not already done so. (For more information, refer to *"Creating a Samsung Account"* on page 17.)

3. Touch **Start** and follow the on-screen prompts.

The application contains two separate streaming media options:

- **Registered 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.
- **Registered devices**: allows you to stream/share selected multimedia content from your device to DLNA compliant device connected to the same Wireless Access Point.

Configuring AllShare Settings

Before using AllShare Play, you must configure it. That is, set-up parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. From the **Apps** screen, touch **AllShare Play**.
2. Touch **Menu → Settings**. The following options are available:

   - **Registered storage**: Lets you add a Web storage location. Without a storage service/location added, you will not be able to use AllShare Play.
   - **My device**: Lets you rename your device.

- **Save to**: Lets you save your media to Internal memory (your phone) or an SD card.
- **Auto upload**: Lets you set-up automatic upload of images from your device to those storage locations specified within the Web storage list.
- **Video optimization**: Lets you optimize the video quality for streamed video content.
- **Password lock**: Lets you restrict access to AllShare Play by requiring a user enter the currently active and associated Samsung account password.
- **My account**: Lets you view information concerning your Samsung account.
- **Customer support**: Lets you contact the AllShare team via a new email from an available email account.
- **About**: Displays application information.

Sharing Media Using AllShare Play to a Target Device

Important! Make sure all communicating devices are connected to the same Wi-Fi.

1. Launch AllShare on the target device (such as an Internet TV, Samsung Tablet, etc.).
2. From the **Apps** screen, touch **AllShare Play**.
3. From the **Devices** list, touch your device name.
4. Touch an available category tab (**Pictures**, **Music**, **Movies**, **Files**, or **Info**) and select a file.
   • Touch and hold to select multiple files.
   • A file with **N** in the upper-left indicates it is stored remotely on a web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.
5. Touch an available on-screen file, image, or video to place a green check mark alongside it.
6. Touch **Stream to connected devices** to begin streaming the selected files.
7. On a target device (ex: Internet TV) select the on-screen Allow button to continue.

Note: At this stage your device is requesting access to share media with the external source.

8. Confirm **AllShare Controller enabled** appears in the Notification area at the top of the device to indicate you are using your device as the media source.

AllShare Play Screen Sharing Using Group Cast

Important! Verify all of your recipients are connected to the same Wi-Fi.

1. From the **Apps** screen, touch **Gallery**.
2. Touch a picture or video.
3. Touch **<** → **Group Play**.
4. If prompted, read the on-screen notification and touch **OK** to continue and return to the main AllShare Play screen.
5. Enter a security PIN and touch **Done**. This process makes sure only desired recipients can view your shared image.

6. Re-enter you PIN and touch **Done**. The device then waits for other connected recipients to accept the connection and enter the PIN on their screens.

– or –

Touch **Start Group Play anyway** to continue the process while your users connect.

You can now interact and draw with the on-screen image, users will instantaneously see the same gestures and also be able to interact.

Note: The newly altered image (with markups and comments) can not be saved, but you can take a screen shot of the current image and save it to your Clipboard. (For more information, refer to *"Motions"* on page 24.)

Calculator

Use your phone's Calculator to perform arithmetical calculations (addition, subtraction, multiplication, and division).

1. From the **Apps** screen, touch **Calculator**.

2. Enter the first number using the on-screen numeric keys.

3. Enter the operation for your calculation by touching the corresponding on-screen arithmetic function key.

4. Enter the second number.

5. To view the result, touch equals (**=**).

6. To view calculator history, touch located at the top of the calculator buttons. A history of your past calculations is displayed. Touch again to display the calculator keypad.

7. To clear the calculator history, touch **Menu** ➔ **Clear history**.

8. To change the text size, touch **Menu** ➔ **Text size**. Tap Small, Medium, or Large.

9. Touch **Menu** ➔ **One-handed operation on** to set the display so that it is easier to use the calculator with one hand.

Touch **Menu** ➔ **One-handed operation off** to turn it off.

10. To display the scientific calculator, rotate your phone to the landscape (horizontal) position.

Calendar

Record events and appointments to manage your schedule.

Tip: A Calendar widget is available in Widgets. (For more information about placing widgets on the Home screen, see *"Widgets"* on page 39.)

1. From the **Apps** screen, touch 🗓 **Calendar**.
2. Touch a tab to choose a calendar view:
   • **Year**: Display the current year and scroll to other years.
   • **Month**: Display the current month and scroll to other months.
   • **Week**: Display the current week, and scroll to other weeks.
   • **Day**: Display today's schedule, and scroll to other days.
   • **List**: Display events and tasks in a chronological list.
   • **Task**: Display tasks in a chronological list.
3. Touch ☰ **Menu** for these options:
   • **Go to**: Display a specific date.
   • **Delete**: Delete an event.
   • **Search**: Search for calendar events.

   • **Sync**: Synchronize your phones calendar with your account calendars. (For more information, refer to *"Setting Up Your Accounts"* on page 49.)
   • **Settings**: Customize the calendar.

Customizing the Calendar

1. From the **Apps** screen, touch 🗓 **Calendar**.
2. Touch ☰ **Menu** → **Settings** to configure these settings:
   • **View settings**:
     – **View styles**: Choose Month view style (Calendar view + list, Calendar view +pop-up).
     – **Week view**: Choose Timeline or Analog view for a week's events.
     – **First day of week**: Choose a day to begin each week.
     – **Hide declined events**: Enable or disable display of events.
     – **Lock time zone**: When enabled, sets event times and dates to a specified time zone, so that times and dates will not change if you move to another time zone.
     – **Select time zone**: When Lock time zone is enabled, specify the time zone for all events.

- **Show week number**: Display the number of the week (1 – 52) in a **W** column to the left of **Sun**.
- **Calendars**: Select calendars to display.

- **Event notification**:
  - **Set alerts & notifications**: Choose Alert to receive alerts, Status bar notification to display notifications in the Status bar, or Off for no notifications or alerts.
  - **Select Ringtone**: Choose a ringtone for event notifications, then touch **OK**.
  - **Vibration**: Enable/disable vibration for event notifications.
  - **Default reminder time**: Choose a default reminder time for Calendar events (default time is 15 minutes).
  - **Notifications while screen is off**: Enable/disable display of notifications on the full screen while the screen is blanked.
  - **Quick responses**: Pre-composed text to include with email notifications to meeting attendees, guests, and so on.

- **Gesture**:
  - **Swipe with two fingers**: Show animation demonstrating how to change the Calendar view with a simple swipe with two fingers.

Sending Events
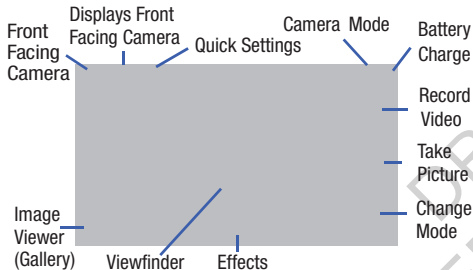
Send events as vCalendar files to other compatible devices.

1. From the **Apps** screen, touch 31 **Calendar**.
2. Touch an event to display its details.
3. Touch ☰ **Menu → Share via**.
4. Select the desired Sharing method from the **Share via** pop-up.
5. Follow the prompts to send a copy of a Calendar event to another device. (For more information, refer to *"Connections"* on page 126.)

Camera

Use your 8.0 megapixel Camera feature to take photos and save them in JPEG format. Your phone also functions as a camcorder to record videos and save them in MPEG format.

■ From the **Apps** screen, touch ⚙ **Camera**.

Front Facing Camera

Displays Front Facing Camera

Quick Settings

Camera Mode

Battery Charge

Record Video

Take Picture

Image Viewer (Gallery)

Viewfinder

Effects

Change Mode

Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person's privacy.

Taking Pictures

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. From the **Apps** screen, touch ⚙ **Camera**.

2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
   • Touch the screen to focus on the area you touched.
   • "Pinch" the screen, or press the **Volume** key, to zoom in or out.
   • To configure settings, see *"Camera Options"* on page 92.

3. To take the picture, touch ▢ **Take**.

4. After taking a picture, touch **Image Viewer** to view the picture. While viewing the picture, use these options:
   • "Pinch" the screen, or touch the zoom icons, to zoom in or out, or double-touch to zoom all the way in or out.
   • Touch ▢ **Camera** to return to the Camera viewfinder screen.
   • Touch ▢ **Share** to send the picture using Group Cast, Picasa, S Memo, Bluetooth, Wi-Fi Direct, Messaging, Dropbox, Google+, Email, or Gmail.

- Touch ▢ **Slideshow** to view all of your pictures as a slideshow.
- Touch ▢ **Delete** to erase the picture (only visible with the screen in landscape mode).
- Touch ▤ **Menu** to access added options: Face tag, Copy to clipboard, Rotate left, Rotate right, Crop, Set as (Contact photo, Home and lock screens, Home/Lock screen wallpaper), Buddy photo share, Print, Rename, Scan for nearby devices, or Details.

Camera Options

- While in Camera mode, touch the **Options** tab:
  - ▢ Self portrait: Switch to the front camera lens, for self-portraits.
  - ▢ **Flash**: Choose Off, On, or Auto flash.
  - ▢ **Shooting mode**: Choose an automatic shooting mode, from:
    – **Single shot**: Take a single photo.
    – **Best photo**: Takes 8 photos in quick succession, then you select and save the best.
    – **Best face**: Takes 5 photos in quick succession and selects the best photograph based on open eyes, smiles, sudden movement, and so on.

    – **Face detection**: Touch the Camera button to focus on and take a picture of the subject's face.
    – **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 where the second part of the panoramic picture should fall within.
    – **Share shot**: Uses Wi-Fi Direct to share your pictures quickly with your friends.
    – **HDR**: Takes pictures in HDR (High Dynamic Range) mode to increase image detail.
    – **Buddy photo share**: Uses face recognition from pictures in your contacts to send your friends or family pictures of themselves.
    – **Beauty**: Adjust the contrast to create a smooth facial feature effect.
    – **Smile shot**: Touch the Camera button to focus on the subject's face. If a smile is detected, the picture is taken automatically.
    – **Low light**: Take better pictures when the light is low.

- **Color effects**: Choose color theme for the picture: No effect (normal color), Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, or Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.

- **Settings**:
  - **Edit shortcuts**: Select which function shortcuts appear in the function menu.
  - **Burst shot**: Detects action to automatically take multiple pictures to create a panorama.
  - **GPS Tag**: Add GPS location information to photo details.
  - **Self-portrait**: Set the front camera so you can take pictures of yourself.
  - **Flash**: Choose Off, On, or Auto flash.
  - **Shooting mode**: Choose Single shot, Burst shot, Face detection, Panorama, Share shot, HDR, Buddy photo share, Beauty, Smile shot, Low light, or Cartoon.
  - **Effects**: Apply a color effect to pictures.
  - **Scene mode**: Choose a mode to match conditions.
  - **Exposure value**: Adjust the picture brightness level by moving the slider.
  - **Focus mode**: Choose a type of automatic focus.

  - **Timer**: Set a delay before taking a picture.
  - **Resolution**: Choose a size (in pixels) for the image.
  - **White balance**: Choose a setting for the light source.
  - **ISO**: Choose a setting for imaging sensitivity.
  - **Metering**: Select a method for measuring light.
  - **Auto contrast**: Allow automatic light/dark adjustment.
  - **Guidelines**: Enable or disable an on-screen grid to aid in photo composition.
  - **Auto share shot**: Easily connect to the devices you want to share pictures with, then bring the devices back together (back-to-back) to connect them.
  - **Anti-Shake**: Enable Anti-Shake to minimize the effect of camera movement.
  - **Contextual filename** (requires GPS tagging): Lets you adjust the filename based on contextual information, such as your current GPS location.
  - **Image quality**: Choose a quality setting for photos.
  - **Storage**: Choose to store your pictures in Phone memory or on an optional Memory card.
 - **Reset**: Set all Camera settings to the defaults.

Camcorder

Use your phone's built-in Camcorder to record video.

■ From the **Apps** screen, touch 🔵 **Camera →**
   Mode.

Mode button

Record button

Image Viewer

Options menu

Important! Do not take videos of people without their
permission.
Do not take videos in places where cameras are
not allowed.
Do not take videos in places where you may
interfere with another person's privacy.

Capturing Video

1. From the **Apps** screen, touch 🔵 **Camera →**
   Mode.

2. Using the display as a viewfinder, compose your shot
   by aiming the lens at the subject.
   • Touch the screen to focus on the area you touched.
   • "Pinch" the screen, or press the **Volume** key, to zoom in or out.
   • To configure settings, see *"Camcorder Options"* on page 95.

3. To start recording, touch the **Record** button ( ).

4. To capture an image from the video while recording,
   touch . This feature is not available when the Anti-
   Shake feature is activated.

5. To stop recording, touch the **Stop** button ( ).

6. After recording, touch **Image Viewer** to view the video.
   While viewing the video, use these options:
   • Pinch the screen to zoom in or out, or double-touch to zoom all
     the way in or out.
   • Touch   **Play** to review the video.
   • Touch   **Camera** to return to the Camcorder viewfinder
     screen.
   • Touch   **Share** to send the video.

- Touch   **Slideshow** to review all your videos in sequence.

- Touch   **Delete** to erase the video.

- Touch ☰ **Menu** to rename the video or view details about the video.

- Touch ⏎ **Back** to return to the Camcorder to record more videos.

Camcorder Options

Configure the camcorder.

■ While in Camcorder mode, touch the **Options** tab:

- **Self recording**: Record video with the front lens.

- **Flash**: Choose Off or On.

- **Recording mode**: Choose a recording mode, from:

  – **Normal**: Record a video of any length.

  – **Limit for MMS**: Record a video of a size suitable for sending in a Video message.

- **Color effects**: Choose color theme for the picture: No effect (normal color), Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.

- **Settings**.

  – **Edit shortcuts**: Select which function shortcuts appear in the function menu.

  – **GPS Tag**: Add GPS location information to video details.

  – **Self-recording**: Set the front camera so you can take videos of yourself or video chat.

  – **Flash**: Choose Off or On.

  – **Recording mode**: Choose Normal or Limit for MMS recording mode.

  – **Effects**: Apply an effect to videos.

  – **Exposure value**: Adjust the picture brightness level by moving the slider.

  – **Timer**: Set a delay before starting recording.

  – **Resolution**: Choose a size (in pixels) for the recording.

  – **White balance**: Choose a setting for the light source.

  – **Guidelines**: Enable to display a grid to aid in video composition.

  – **Anti-Shake**: Enable Anti-Shake to minimize the effect of camcorder movement.

  – **Contextual filename** (requires GPS tagging): Lets you adjust the filename based on contextual information, such as your current GPS location.

- **Video quality**: Choose a quality setting for videos.
- **Storage**: Choose to store your videos in Phone memory or on an optional Memory card.
- **Reset**: Set all Camcorder settings to the defaults.

Cento Store

■ From the **Applications** menu, touch ![icon] **Cento Store**.

ChatON

■ From the **Applications** menu, touch ![icon] **ChatON**.

Chrome

■ From the **Applications** menu, touch ![icon] **Chrome**.

Clock

The Clock application includes these features:

- **Alarm**: Create alarms to go off once, or to repeat.
- **World clock**: Display the time and date in any time zone.
- **Stopwatch**: Record lap times.
- **Timer**: Measure elapsed time.
- **Desk clock**: Choose whether the clock calendar and weather appears on the display, and what outputs are active, when you connect your phone to an optional dock.

■ From the **Apps** screen, touch ![icon] **Clock**.

Alarm

This feature lets you set an alarm to ring at a specific time.

1. From the Clock screen, touch **Alarm → Create alarm**. The following options display:

   - **Time**: tap ▲ (**Up**) or ▼ (**Down**) to set the new time for the alarm to sound. Tap AM or PM.

   - **Alarm repeat**: use this option to set the repeating status for the alarm by tapping one the days that you want the alarm to sound. Tap the Repeat weekly checkbox to have the alarm repeat weekly.

   - **Alarm type**: sets the way in which the alarm sounds when activated (Melody, Vibration, Vibration and melody, and Briefing).

   - **More**: displays the following additional options:

     - **Alarm tone**: sets the sound file which is played when the alarm is activated. Select an option or tap Add for additional options.

     - **Alarm volume**: drag the slider to adjust the alarm's volume.

– **Location alarm**: when activated, the alarm only sounds when you are at a specific location. Touch and slide the slider to the right to turn it on ☐ ON☐ then follow the on-screen instructions to enter a location.

– **Snooze**: use this option to set a Duration (3, 5, 10, 15, or 30 Minutes) and Snooze repeat (1, 2, 3, 5, or 10 Times). Tap the ON/OFF slider to activate.

– **Smart alarm**: tracks body movements and calculates the best time for sounding the alarm. Place the phone somewhere on your bed then the phone's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the Interval and the Tone. Tap the ON/OFF slider to activate.

– **Name**: allows you to use a specific name for the alarm. The name will appear on the display when the alarm activates.

2. Tap **Save** to store the alarm details.

Turning Off an Alarm

■ To stop an alarm when it sounds, touch and sweep the (×) icon to the right.

Setting the Snooze Feature

■ To activate the Snooze feature after an alarm sounds, touch and sweep the (zz) icon to the left. Snooze must first be set in the Alarm settings. (For more information, refer to *"Alarm"* on page 96.)

Deleting Alarms

To delete multiple alarms, follow these steps:

1. From the Clock screen, touch **Alarm** ➔ ☰ **Menu** ➔ **Delete**.

2. Touch the alarm or alarms you wish to delete. A green check mark will appear next to each selection.

To delete all alarms, touch **Select all**.

3. Touch **Delete**.

To delete a single alarm:

1. From the Clock screen, touch **Alarm**.

2. Touch and hold on the alarm you want to delete. A pop-up menu appears.

3. Touch **Delete**.

World Clock

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.

1. From the Clock screen, touch **World Clock**. The clock for your time zone appears.
2. Touch **Add city** to add another city to the World Clock.
3. Scroll through the list of cities to find the city you want to add, or tap the Search bar and use the keypad to enter a city to search for.
4. Touch the city you want to add. The clock for that city will display.
5. To set Daylight Savings time, press and hold a city, then touch **DST settings**.
6. Select **Automatic**, **Off**, or **1 hour**.
7. If Daylight Savings Time is selected, a sun symbol on the World Clock listing will appear.

Deleting a World Clock Entry

1. From the Clock screen, touch **World Clock →** **Menu → Delete**.
2. Touch and hold the city clocks you wish to delete.
3. Touch **Delete**.

Stopwatch

You can use this option to measure intervals of time.

1. From the Clock screen, touch **Stopwatch**.
2. Touch **Start** to start the stopwatch and touch **Lap** to mark a unit of time per lap.
3. Touch **Stop** to stop the stopwatch.
4. Touch **Restart** to continue or touch **Reset** to erase all times recorded.

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).

1. From the Clock screen, touch **Timer**.
2. The **Minutes** field is highlighted and set to 1 minute. Use the keypad to set the number of minutes you want.
3. Touch the **Hours** field to set hours if desired. As you touch different fields, they will become highlighted.
4. Touch the **Seconds** field to set seconds.
5. Tap **Start** to begin the timer, and touch **Stop** to pause the timer.
6. After stopping, touch **Restart** to continue, or touch **Reset** to reset the timer back to the original setting.

Desk clock

You can use the Desk clock when you have a desk dock and you want your phone to display the time, day, date, location, and weather conditions when it is docked.

1. From the Clock screen, touch **Desk clock**.

    The default Desk clock is displayed.

2. Tap ▮ to display the Desk clock in full-screen mode.

3. To make changes, touch ▮ ➔ **Settings**.
4. The following options are displayed while in full-screen mode:
    *   **Hide status bar**: when this is checked, the status bar is hidden from view.
    *   **Wallpaper**: tap to select Desk clock wallpaper from Default, Gallery, or Same as home screen.
    *   **Calendar**: when this is checked, the calendar is displayed. Tap to uncheck.
    *   **Weather**: when this is activated, the location, temperature, and weather condition is displayed. Touch and slide the slider to the right to turn it on ▮.
    *   **Dock**: allows you to set your Dock settings such as Dock sound, Audio output mode, Desk home screen display, Automatic unlock, and Audio output.

Contacts

Contacts lets you access and manage your Contacts list, Contacts Groups, Favorites list, and Speed dial settings. (see *"Contacts"* on page 52.)

■   From the **Apps** screen, touch 👤 **Contacts**.

Downloads

View and manage files and other items you download to your phone.

1. From the **Apps** screen, touch 📥 **Downloads**.
2. Touch an item to open it (if an appropriate application is installed.)

Note: Applications you download from Google Play™ Store are managed with the Play Store app, and do not appear in **Downloads**.

Dropbox

Dropbox is a "cloud" file storage service. The Dropbox app lets you create an account with Dropbox or link with your existing Dropbox account. (For more information, refer to https://www.dropbox.com/.)

■ From the **Apps** screen, touch 🔷 **Dropbox**.

Email

Send and receive email using popular email services. For more information, see *"Email"* on page 78.

■ From the **Apps** screen, touch 📧 **Email**.

Flipboard

The Flipboard application creates a personalized digital magazine out of information being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook news feed, tweets from your Twitter account, photos from friends, and much more.

■ From the **Apps** screen, touch 📰 **Flipboard**.

Gallery

The Gallery is where you view photos and videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

Note: You can increase Gallery photo and video storage by installing a memory card. (For more information, refer to *"Installing a Memory Card"* on page 8.)

1. From the **Apps** screen, touch 🖼 **Gallery**.

   All of the Albums that hold your pictures and videos will be displayed with folder name(s) and number of files.

2. Touch an Album and thumbnails of the contents will be displayed.

Tip: If your device indicates that memory is full when you access Gallery, use the 📁 **My files** app to delete some of the files, and try again. (For more information, refer to *"My Files"* on page 116.)

Viewing Pictures

1. From the Gallery screen, select an album, then touch a picture to view it.

2. While viewing a picture on the screen or touch ▤ **Menu** for options.

   • Touch ▢ **Camera** to return to the Camera viewfinder screen.

   • Touch ◠ **Share** to send the picture using Group Play, Dropbox, Flipboard, Picasa, Google+, S Memo, Bluetooth, Wi-Fi Direct, Messaging, Gmail, or Email.

   • Touch ▢ **Slideshow** to view all of your pictures as a slideshow.

   • Touch ▤ **Menu** for the following additional options:

   – **Delete**: Erase the picture.

   – **Face tag**: When enabled, identifies faces with a yellow box, so you can touch to add tag information.

   – **Copy to clipboard**: Create a copy, to paste into other apps.

   – **Rotate left** / **Rotate right**: Change the picture's orientation.

   – **Crop**: Change the picture's size and/or remove portions of the picture.

   – **Set as**: Assign the picture as a Contact photo, or as wallpaper.

- **Buddy photo share**: Send the picture to the Contacts whose Contact photos match faces in the picture.
- **Print**: Print the picture via Wi-Fi to a compatible Samsung printer.
- **Rename**: Change the picture's filename.
- **Scan for nearby devices**: Scan for in-range devices that can be connected with and sent the current image.
- **Details**: View information about the picture.

Viewing Videos

1. From the Gallery screen, then select an album. A matrix or list of available videos appears.

2. To play a video, touch its thumbnail or list entry.

3. The following options are available:
   - Touch   **Camera** to take pictures or record videos.
   - Touch   **Share** to send the picture using Dropbox, Picasa, Google+, Bluetooth, Wi-Fi Direct, Messaging, YouTube, Gmail, or Email.
   - Touch   **Slideshow** to view all of your videos in sequence.
   - Touch   **Menu** for the following additional options:
     - **Delete**: Erase the video.
     - **Rename**: Change the video's filename.
     - **Details**: View information about the video.

Sharing Using S Beam

You can also share Gallery photos and videos with compatible devices using S Beam. (For more information, refer to *"S Beam"* on page 134.)

Gmail

Send and receive emails via Gmail, Google's web-based email.

For more information, see *"Gmail"* on page 79.

■ From the **Apps** screen, touch 🅼 **Gmail**.

Google

Use Google to search the Web.

Tip: The Google Search Widget is available by default on the Home screen. For more information Widgets, see *"Adding Widgets to the Home screen"* on page 39.

1. From the **Apps** screen, touch 🅖 **Google**.
2. Enter search criteria. Search results display automatically. Touch a search result to display it in a browser window.

Google Settings

Google Settings lets you quickly and easily change shared settings to tailor a number of Google apps at the same time to suit your needs.

■ From the **Applications** menu, touch
 🅖 **Google Settings**.

Help

Use Help to read or view brief instructions or videos on how to use the features and settings available with your tablet.

1. From the **Applications** screen, touch ❓ **Help**. The **Help** screen appears.
2. Select a topic from the menu on the left side of the screen.
3. Read or view the selected topic information in the right side of the screen.

Internet

Your phone is equipped with a full HTML Browser, which allows you to access the internet.

■ From the Home screen, select 🌐 **Internet**. Your Wireless Provider's mobile home page appears in the Internet screen.

Navigating the web

Selecting items on a page

While browsing web pages, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for options.

Command Keys

- Touch ▢ **Back** to return to the previous page.
- To go to the next page, touch ▢ **Forward**.

Touching and dragging

- Touch and drag your finger on the screen to navigate pages, and to reposition pages within the screen.

Entering text in a field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

Note: Some web pages do not support the Zoom function.

- Using two fingers, make a pinch motion on the screen.
  - Pinch in to zoom in on a web page.
  - Pinch out to zoom out on a web page.
- To return a web page to original size, double tap on it.

Entering a URL

Access a web site quickly by entering the URL.

1. Touch the **URL** field at the top of the Internet screen, then enter the URL using the virtual QWERTY keyboard.

   If the **URL** field is not visible, touch and swipe downward until the **URL** field appears.

2. As you enter characters, potential matches display. Continue entering characters, or touch a match to complete the URL, then touch **Go** to load the page.

Copying text

Copy information from a web page.

1. From the Internet screen, browse to the desired web site.

2. Touch and hold on the text to enable the text selector, then use the on-screen tools.

Browser Options

■ From the Internet screen, touch ▤ **Menu** for options:

- **New window**: Displays a new window so you can browse multiple URLs. (For more information, refer to *"Using Browser Windows"* on page 106.)

- **Add bookmark**: Lets you add a URL to your bookmark list

- **Add shortcut to home screen**: Lets you add a shortcut to your Home screen.

- **Share page**: Lets you 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**: allows you to store the current page in memory so that it can be read later even if you loose your Internet connection.

- **Brightness**: Lets you manually adjust screen brightness or select Automatic screen brightness.

- **Downloads**: Displays the download history.

- **Print**: Lets you print the screen or web page on a Samsung printer using Wi-Fi.

- **Settings**: Lets you tailor the Internet browser to suit yourself. (For more information, refer to *"Internet browser Settings"* on page 107.)

Using Browser Windows

You can have multiple windows open at one time, and you can switch between windows.

- To open a new window, on the Internet screen, touch **Windows** ➔ **New window**.
- To switch to another open window, touch **Windows**. Touch and swipe to the desired window thumbnail, then touch it to display the window.
- To close a window, touch **Windows**. Touch **Close** beside a window to close it.

Going Incognito

The Incognito feature lets you view Internet sites without leaving records in your browser history or search history, and without traces (such as cookies) being stored on your device.

Note: Any downloaded files will be preserved and will stay on your device after you exit the incognito mode.

To add an Incognito window:

1. From your browser window, touch **Windows** ➔ **Incognito**.
2. A new Incognito window appears.

Note: The incognito icon appears in the upper-left of the new browser window while you are in this mode.

3. Browse to the desired web site(s).

To exit from the incognito window:

1. From your browser window, touch (**Windows**).
2. Scroll across the available windows and locate the Incognito window.
3. Touch next to the incognito window to delete it.

Using Bookmarks

While browsing, bookmark a site to quickly access it later.

Creating a bookmark

1. From the Internet screen, browse to the desired web site, then touch ▢ **Bookmarks** ➔ ▢ **Add bookmark**. The **Add bookmark** screen appears.

2. Edit the **Name** and **Address** of the new bookmark as needed, then select the **Location** where you want it added.

3. Touch **Save** to save the new bookmark.

Accessing bookmarks and history

Launch a bookmarked page, or reload recent pages.

1. From the Internet screen, touch ▢ **Bookmarks**.

2. On the tabs, use these options:
   • Touch an item to load the page.
   • Touch and hold on an item for options.
   • Touch ▭ **Menu** for more options.

Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.

2. Touch **Delete bookmark**.

3. In the **Delete** confirmation pop-up, touch **OK**.

Internet browser Settings

To make adjustments in your browser settings, follow these steps:

1. From the Internet browser screen, touch ▭ **Menu** ➔ **Settings**. The following options are available:

   • **General**:
     – **Set home page**: Sets the current home page for the Web browser.
     – **Form auto-fill**: Lets you fill in web forms with a single touch.
     – **Auto-fill text**: Lets you enter text to be used in the Form auto-fill feature.

- **Privacy and security**:
  - **Clear cache**: Deletes all currently cached data. Touch **OK** to complete the process.
  - **Clear history**: Clears the browser navigation history. Touch **OK** to complete the process.
  - **Show security warnings**: Notifies you if there is a security issue with the current web site.
  - **Accept cookies**: Allows sites, that require cookies, to save and read cookies from your device.
  - **Clear all cookie data**: Deletes all current browser cookie files.
  - **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the check mark to disable this function.
  - **Clear form data**: Deletes any stored data from previously filled out forms. Touch OK to complete the process.
  - **Enable location**: Allows web sites to request access to your location.
  - **Clear location access**: Clears location access for all web sites. Touch **OK** to complete the process.
  - **Remember passwords**: Stores user names and passwords for visited sites. Remove the check mark to disable this function.
  - **Clear passwords**: Deletes any previously stored user names or passwords. Touch **OK** to complete the process.
  - **Enable notifications**: Allows web site notifications. Select Always on, On demand, or Off.
  - **Clear notifications**: Deletes web site notification access information.
- **Accessibility**:
  - **Force zoom**: Lets you override the web site's request to control zoom.
  - **Text size**: Lets you preview the text size, scale the text size using a slider bar, and minimize the font size using a slider bar.
  - **Inverted rendering**: Lets you preview a web page, select Inverted rendering (black becomes white and vice versa), and adjust the Contrast using a slider bar.
- **Advanced**:
  - **Select search engine**: Lets you 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 check mark to disable this function.

- **Enable JavaScript**: Enables Javascript for the current Web page. Without this feature, some pages may not display properly. Remove the check mark to disable this function.

- **Allow multiple tabs per app**: Lets you use multiple navigation tabs per application.

- **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.

- **Default storage**: Lets you set your default storage to Phone or Memory Card.

- **Website settings**: View advanced settings for individual web sites.

- **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 on-screen. Remove the check mark 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**: Lets the browser preload high confidence search results in the background to help speed up searches.

- **Page preloading**: Lets the browser preload web pages in background. (Options: Never, Only on Wi-Fi, or Always.)

- **Load images**: Allows web page images to be loaded along with the other text components of a loaded website.

• **Labs**:

- **Quick controls**: Lets you 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**: Lets you access Full screen mode and hide the status bar.

Local

Find places of interest near your current location or a specified locations.

Note: To use Local, enable location services. (For more information, refer to *"Location services"* on page 185.)

1. From the **Apps** screen, touch **Local**.
2. For more information, touch **Menu** ➔ **Help**.

Maps

Use Google Maps to find your current location, get directions, and other location-based information. The Google Maps shortcut appears by default on the Home screen.

Note: You must enable location services to use Maps, and some features require Standalone or Google location services. For more information, see *"Location services"* on page 185.

1. From the **Apps** screen, touch **Maps**.
2. For more information, touch **Menu** ➔ **Help**.

Messaging

Messaging lets you exchange text and multimedia messages with compatible device users. (For more information, refer to *"Messaging"* on page 73.)

■ From a Home screen, touch the **Messaging** shortcut.

– or –

From the **Apps** screen, touch **Messaging**.

Music

Samsung Music is a subscription based music app that gives you unlimited access to over 3 million songs from most major record labels.

You can browse and play the latest releases, genres, artists, and popular music charts and stream high quality music over a Wi-Fi and 3G connection.

Note: Music service requires a Samsung account, and depends on service availability.

1. From the **Apps** screen, touch 🎵 **Music**.
2. To rent or buy media, you must have a Samsung account. Touch **Continue** to log in or create a Samsung account.
3. Browse content, then follow the prompts to buy or rent.

Music Player

The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, and WMA. 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. From the **Apps** screen, touch 🎵 **Music Player**.

Volume

Repeat
Music square

Shuffle

Playback Controls
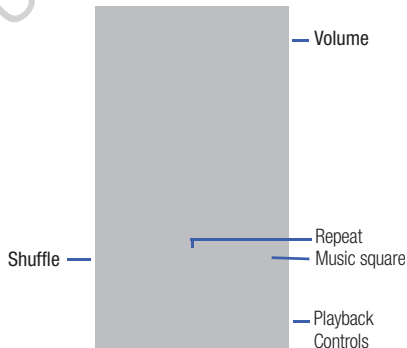
2. Touch a library category tab at the top of the screen (All, Playlists, Albums, Artists, Music square, or Folders) to view the available music files.

3. Scroll through the list of songs and touch an entry to begin playback.

The following Music Player controls are available:

    Pause the song.

    Start the song after being paused.

    Press and hold to rewind the song. Touch to go to previous song.

    Press and hold to fast-forward the song. Touch to go to next song.

    Volume control.

    Repeat one: Repeats the song currently playing.

    Repeat all: Replays the current list when the list ends.

    Play All: Plays the current song list once.

    Shuffle On: The current list of songs is randomly shuffled for playback.

    Shuffle Off: Songs are not shuffled but play in listed order.

    Music square: Play songs linked to buttons in a 5x5 matrix and categorized according to four criteria.

    Music list: Returns you to the current playlist.

    Now Playing: Displays the Music player screen with the current song information.

Tip: When you're playing music in the background, playback controls are available on Notifications. For more information, see *"Notifications"* on page 33.

Music square

Music square analyzes your music files (a minimum of 25 files) and assigns them to playlists linked to buttons in a 5x5 matrix according to the following criteria:

- **Moods** (Exciting, Passionate, Joyful, Calm)
- **Years** (Exciting, Old, New, and Calm)

Playlist
Selection
Buttons

Playback
Controls
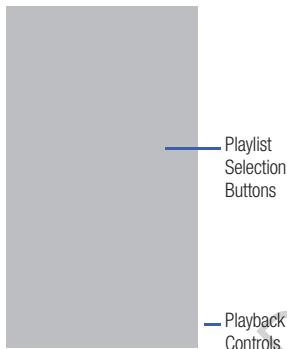
1. From the **Apps** screen, touch **Music Player**.

2. Touch the **Music square** tab.

    – or –

    Touch   **Music square**.

3. Touch ➔ **Library update**.

4. Select a playlist based on mood or age of the song.

Music Player Options

To access additional options, follow these steps:

■ While in the Music Player now playing screen, touch
    **Menu**. The follow options are available:

   • **Add to quick list**: Adds the current music file to the Quick list.

   • **Via Bluetooth**: Scans for devices and pairs with a Bluetooth
     headset.

   • **Share via**: Share your music with other devices using
     Bluetooth, Dropbox, Email, Gmail, Group Play, Messaging, or
     Wi-Fi Direct.

   • **Add to playlist:** Add the current music file to a selected playlist.

   • **Details**: View media information such as Artist, Title,
     Biography, and so on.

   • **Set as:** Set a music file as the Phone ringtone, as a Caller
     ringtone, or as the Alarm tone.

   • **Scan for nearby devices**: Search nearby Wi-Fi devices for
     sharing your music (available when Wi-Fi is turned On). (For
     more information, refer to *"Turning Wi-Fi On"* on page 126.)

   • **Settings**: Change your Music Player settings. For more
     information, refer to *"Music Player Settings"* on page 114.

   • **End**: Close the Music Player app.

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Music Square Options

To access additional options, follow these steps:

■ From the Music Player Music square screen, touch **Menu**. The follow options are available:

- **Help**: Adds the current music file to the Quick list.
- **Library update**: Analyzes your music files and assigns them to playlists linked to playlist selection buttons.
- **Change horizontal axis**: Select Mood or Years.
- **Scan for nearby devices**: Search for nearby Wi-Fi devices for sharing your music (available when Wi-Fi is turned On). (For more information, refer to *"Turning Wi-Fi On"* on page 126.)
- **Settings**: Change your Music Player settings. For more information, refer to *"Music Player Settings"* on page 114.
- **End**: Close the Music Player app.

Music Player Settings

The Music Player Settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.

■ While in the Music Player, touch **Menu ➔ Settings**. The follow settings are available:

- **SoundAlive**: Set a type of equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, etc.
- **Play speed**: Set the play speed anywhere between 0.5X and 2.0X using the slider.
- **Music menu**: Select which categories you want to display in the Music menu. Choices are: Albums, Artists, Genres, Music square, Folders, Composers, Years, Most played, Recently played, or Recently added.
- **Lyrics**: When activated, the lyrics of the song are displayed if available.
- **Music auto off**: When activated, music will automatically turn off after a set interval.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music Player options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. From the **Apps** screen, touch **Music Player**.
2. Touch the **Playlists** tab.
3. Touch ⊟ **Menu** ➔ **Create playlist**.
4. Enter a name for this playlist in the field and touch **OK**.

Adding Music to a Playlist

To add files to the playlist:

1. From the **Apps** screen, touch **Music Player**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to add music.
4. Touch **Add music**.
5. Touch a music file, or touch **Select all** to add all the music tracks to this playlist then touch **Done**.

Removing Music from a Playlist

To remove music files from a playlist:

1. From the **Apps** screen, touch **Music Player**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to delete music.
4. Touch ⊟ **Menu** ➔ **Remove**.
5. Touch the check box to the left of each track you want to remove from this playlist, or touch **Select all** to remove all the music tracks from this playlist, then touch **Remove**.

Editing a Playlist Name

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. From the **Apps** screen, touch **Music Player**.
2. Touch **Playlists**.
3. Touch ⊟ **Menu** ➔ **Edit title**, then touch the playlist you want to rename.
4. In the **Edit title** window, enter a new name for the playlist, then touch **OK**.

For information on downloading music for your phone, see *"Connecting as a Storage Device"* on page 130.

Setting a Song as a Ringtone

You can set a song as a ringtone for all voice calls, for calls from an individual contact, or as an alarm tone.

1. From the **Apps** screen, touch **Music Player**.

2. Touch and hold on a song, then touch **Set as** and choose from these options:

   • **Phone ringtone**: Set the song as the default ringtone for all incoming voice calls.

   • **Caller ringtone**: Choose a contact to set the song as the ringtone for calls from the contact.

   • **Alarm tone**: Set the song as the alarm ringtone for a new alarm, or for an existing alarm.

My Files

Find, view and manage files stored on an installed memory card. If the file is associated with an application on your phone, you can launch the file only in the application.

1. From the **Apps** screen, touch **My Files**.

2. Touch a folder and scroll down or up until you locate a file.

3. Touch a file to launch it in the associated application (if the file is associated with an application).

4. While browsing files, use these controls:

   • Touch **Home** to go back to the root directory.

   • Touch **Up** to go back up to a higher directory.

   • Touch **Menu** for options.

Navigation

Use Google Navigation to search for locations, and get turn-by-turn directions.

Note: You must enable location services to use Navigation, and some features require Standalone or Google location services. For more information, see *"Location services"* on page 185.

■ From the **Apps** screen, touch ▲ **Navigation**.

Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites. For more information, refer to *"Calling"* on page 62.

■ From a Home screen, touch the 📞 **Phone** shortcut.

– or –

From the **Apps** screen, touch 📞 **Phone**.

Play Books

Google Books is now Google Play™ Books. Discovering your favorite books and authors has never been easier. With Google Play Books, you can shop the world's largest selection of ebooks and read them anywhere you like - on a tablet, phone, ereader, or the Web.

■ From the **Apps** screen, touch 📘 **Play Books**.

Play Magazines

With Google Play Magazines, you can subscribe to your favorite magazines and have them available to read on your phone at any time or any place.

■ From the **Apps** screen, touch 📖 **Play Magazines**.

Play Movies & TV

With Google Play Movies, you can rent thousands of different movies. You can watch instantly, or download your movie for offline viewing at a later time.

1. From the **Apps** screen, touch 🎬 **Play Movies & TV**.

2. Log on to your Google account if you have not already done so.

3. Following the on-screen instructions for renting and viewing movies.

Play Music

With Google Play Music, you can play music that you have added to your music file as well as any music you copied from your PC. While offline, you can listen to music you have copied from your PC.

1. From the **Apps** screen, touch **Play Music**.
2. Follow the on-screen instructions to locate and play music.

Play Store

Android Market is now Google Play™ Store, where all your favorite books, movies, apps, and games are all in one place that's accessible from the Web and your Android device. You'll need to have a Google account set up on your phone to download a new application.

1. From the **Apps** screen, touch **Play Store**.
2. The first time you open Play Store, read the Terms of Service, then touch **Accept** to continue.
3. Browse for applications to download, then follow the prompts.

Polaris Office 5.0

■ From the **Applications** menu, touch **Polaris Office 5.0**.

S Health

■ From the **Applications** menu, touch **S Health**.

S Memo

The S Memo application allows you to create memos using the keypad, your finger, or both. You can add images, handwriting, voice recordings, and typewritten text all in one place.

1. From the **Apps** screen, touch <u>S</u> **S Memo**.
2. Review the **Learn about actions** information pop-up to learn more about S Memo.

S Voice

S Voice provides plain language voice recognition control of various features and applications on your phone.

1. From the **Apps** screen, touch 🎤 **S Voice**.

   – or –

   From the Home screen, press ⬭ **Home** twice in quick succession.

2. Read the Samsung Disclaimer then touch **Confirm** to continue.
3. Read the Vlingo Terms of Service then touch **Agree** to continue.
4. Read the information on the **About S Voice** screen, then touch **Next**.
5. Read the information on the **Say what you want** screen, then touch **Next**.
6. Read the information on the **Wake up S Voice** screen, then touch **Next**.
7. Read the information on the **Edit what you said** screen, then touch **Next**.
8. Read the information on the **Help** screen, then touch **Finish**.

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9. At the S Voice screen, say "Hi Galaxy" to wake up S voice.

10. Speak into the phone and follow the on-screen instructions.

Samsung Apps

Samsung Apps allows you to easily download many different types of applications to your phone. You can download games, news, reference, social networking, navigation, and other applications.

1. From the **Apps** screen, touch **Samsung Apps**.

2. Read the Disclaimer, Terms and conditions, and Privacy policy and tap **Accept** to continue.

3. Follow the on-screen instructions to use Samsung Apps.

Savanna TV

■ From the **Applications** menu, touch **Savanna TV**.

Settings

Configure your phone to your preferences. For more information, see *"Settings"* on page 137.

■ From the **Apps** screen, touch **Settings**.

Story Album

■ From the **Apps** screen, touch **Story Album**.

Talk

Use Google Talk to chat with other Google Talk users. For more information, see *"Google Talk"* on page 80.

■ From the **Apps** screen, touch **Talk**.

Translator

■ From the **Applications** menu, touch **Translator**.

TripAdvisor

■ From the **Applications** menu, touch **TripAdvisor**.

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Video

Video identifies and plays video files (3GP or MP4) stored on your phone or on an optional microSD Memory card.

1. From the **Apps** screen, touch ▶ **Video**.
2. By default, videos display by name in an array of **Thumbnails**.

   You can also display your videos in an alphabetical list by touching the **List** tab, or touch the **Folders** tab to list the folders where your videos are stored.
3. To play a video, simply touch its thumbnail or list entry.

   The following video controls are available:

   ▢ Pause the video.

   ▢ Start the video after being paused.

   ▢ Touch and hold to rewind the video. Touch to go to previous video.

   ▢ Touch and hold to fast-forward the video. Touch to go to next video.

   ▢ Video image capture: Capture the current video image.

   ▢ Volume control.

▢ Rotate screen. Toggle screen orientation between portrait and landscape.

▢ PIP (Picture In Picture) view: The video plays in a small window so you can use your phone for other purposes while watching the video. To return to previous size, double-tap the screen.

▢ Original size view: The video plays in its original size.

▢ Full-screen in ratio view: The video is enlarged as much as possible without becoming distorted.

▢ Full-screen view. The entire screen is used, which may cause some image distortion.

Note: The screen view icons are a three-way toggle. The icon that is displayed, is the mode that will appear after your touch the icon.

4. While playing a video, touch ▤ **Menu** for video options.

Voice Recorder

Record your voice or other sounds, and share recordings via
Bluetooth, Messaging, or Gmail.

- From the **Apps** screen, touch ▨ **Voice Recorder**.

Voice Search

Voice Search offers voice-activated Google searches. If you
agree, Voice Search uses your location to improve search
results and offer other services.

- From the **Apps** screen, touch 🎤 **Voice Search**.

VPN Client

VPN Client lets you define multiple Virtual Private Networks
(VPNs) to your device and connect to them as needed by
simply selecting a connection from the VPN Client list.

- From the **Apps** screen, touch ◉ **VPN Client**.

YouTube

Access your YouTube™ account, and view and upload
YouTube videos, right from your phone.

- From the **Apps** screen, touch ▶ **YouTube**.

Accessing Widgets

1. Press ⬭ **Home**, then Sweep your finger right or left to scroll to a particular Home screen panel.

2. Touch ▦ **Apps**, then the **Widgets** tab. The **Widgets** screen appears in the display.

   – or –

   Touch and hold on the displayed **Home screen** panel until the Home screen menu pops-up, then touch **Add to Home screen → Apps and widgets**, then the **Widgets** tab. The **Widgets** screen appears in the display.

3. Sweep your finger right or left to scroll through the Widgets screens and find the desired widget.

4. To place a widget on the selected Home screen panel, touch and hold the widget's image or icon, then position the widget on the Home screen panel.

5. If needed, follow any prompts to configure the widget.

Widgets List

The following widgets are available for executing on your Home screen:

- Active Apps Manager 2 x 1:
- **Alarm 4 x 1**: Add, view, and manage alarms you set using this widget or using the Clock application.
- **Assistive Light 2 x 1**: Use your phone's flash as a flashlight.
- **Book 1 x 1**: Directly access one of your downloaded electronic books from **Play Books**.
- Bookmark 1 x 1:
- Bookmarks 3 x 2:
- Burned Calories 4 x 1:
- **Calendar 2 x 2**: View your Calendar events scheduled for today.
- **Calendar (mini today) 4 x 2**: View and access your Calendar events scheduled for today.
- **Calendar (month) 4 x 4**: View and access your scheduled Calendar events, one month at a time.
- Cento Store Widget 4 x 4:
- **Clock (digital) 4 x 1**: View a digital clock-calendar.
- **Clock (digital) 2 x 1**: View a digital clock-calendar.

- **Contact 1 x 1**: Directly access a selected contact for calls or messaging.
- **Direct Dial 1 x 1**: Immediately call a selected contact.
- **Direct Message 1 x 1**: Immediately send a message to a selected contact.
- **Directions & Navigation 1 x 1**: Immediately obtain directions to a selected location.
- **Dropbox Folder 1 x 1**: Directly access one of your Dropbox folders.
- **Dual clock (digital) 2 x 2**: View digital clock-calendar displays for two selected locations.
- **Email 4 x 4**: View and directly access email messages in your Combined email box.
- Enviroment Comfort 4 x 2:
- **Flipboard 4 x 1**: View a small image of your Flipboard "magazine".
- **Gmail 3 x 2**: View and directly access your Gmail messages.
- **Gmail label 1 x 1**: Directly access Gmail messages with a selected Gmail label.
- **Google Play Books 2 x 2**: Directly access your Google books.

- **Google Play Music 4 x 1**: Directly access and play a selected music playbook.
- **Google Search 4 x 1** (transparent background): Perform and manage Internet searches.
- **Google Search 4 x 1** (opaque background): Perform and manage Internet searches.
- **Messaging 4 x 2**: View and access your latest messages.
- MobiTiles 2 x 2:
- **Music 4 x 1**: Play your music purchased and downloaded from Music.
- **Music Player 4 x 1**: Play your music files.
- **Music playlist 1 x 1**: Play a selected music playlist.
- My Sound 1 x 1:
- **Picture frame 2 x 2**: Directly access your photos and images.
- **Play - My Library 4 x 3**: Access your Google content (ebooks, music, magazines, and videos).
- **Play Recommendations 4 x 2**: View recommendations from Google Play Store.
- **Play Store 2 x 2**: View recommendations from and access Google Play Store.

- **S Bookmarks 2 x 2**: View selected bookmarks and directly access the related web sites.
- **S Memo 2 x 2**: View and access a stored memo.
- Savanna Apps 4 x 4:
- **Settings Shortcut 1 x 1**: Directly access selected settings for your phone.
- Simple Picture Frame 2 x 2:
- **Slacker Radio 4 x 1**: Access your on-line radio station.
- **Software update 1 x 1**: Directly access your device software status information and access **Software update**.
- Story Album Widget 4 x 3:
- Taken Calories 4 x 1:
- **Traffic 1 x 1**: Directly access traffic information for a selected destination.
- Travel Widget 4 x 2:
- **Video Player 2 x 1**: Directly access and play one or more selected videos.
- **Weather 4 x 2**: View current and forecast temperature and weather conditions for a selected location.

- **Yahoo! Finance 4 x 2**: View current prices for selected stocks and/or commodities and directly access additional financial information.
- **Yahoo! News 4 x 2**: View news headlines and access full news articles.
- **YouTube 3 x 2**: Receive and view suggested videos. Directly access your YouTube account.

Section 7: Connections

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks.

Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials).

Your phone supports the 802.11 a/b/g/n Wi-Fi protocols.

Configuring Wi-Fi Settings

Configure your phone's Wi-Fi settings. For more information, see *"Wi-Fi Settings"* on page 140.

Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your phone automatically searches for available, in-range "hotspots" [also termed WAPs (Wireless Access Points)].

Turning Wi-Fi On

1. From the top of the Home screen, sweep your finger downward to display the Notifications screen.
2. At the top of the Notifications screen, touch 🛜 **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From the top of the Home screen, sweep your finger downward to display Notifications.
2. At the top of the Notifications screen, touch 🛜 **Wi-Fi** to turn Wi-Fi Off.

Scanning and Connecting to a Wi-Fi Network

1. Turn Wi-Fi on (see *"Turning Wi-Fi On"* on page 126). Your phone scans for available hotspots and pops-up a list of any it finds.
2. To connect to a hotspot, touch it on the pop-up list.
   • If the Wi-Fi network is open, you will be automatically connected.
   • If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From the Home screen, touch ☰ **Menu → Settings → Connections → Wi-Fi**. The **Wi-Fi** options screen appears. (For more information, refer to *"Accessing Settings"* on page 137.)
2. Touch **Wi-Fi** `OFF` to turn on Wi-Fi.
3. Touch **Add Wi-Fi network**, then enter the following values:
   • **Network SSID**: Enter the name of the WAP (Wireless Access Point).
   • **Security**: Select the type of security used by the WAP.
   • **Password**: If the WAP is secured, enter the password or key.

Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. For example, some printers support Wi-Fi Direct, and you could print from your phone via Wi-Fi Direct.

Establishing Wi-Fi Direct Connections

1. From the Home screen, touch ☰ **Menu → Settings → Connections → Wi-Fi → Wi-Fi Direct**.
   The **Wi-Fi Direct** screen appears, and your phone scans for available Wi-Fi Direct devices and lists them under **Available devices**.
2. To connect to a single Wi-Fi Direct device, touch its name in the list.
3. To connect to multiple Wi-Fi Direct devices, touch **Multi-connect**, next touch **Select all** or individual devices, then touch **Done**.

Bluetooth

Note: For Hearing Aid Compatibility Information, see page 212.

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You don't need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your phone's Bluetooth settings. For more information, see *"Bluetooth settings"* on page 142.

Note: Bluetooth profiles are specifications for services supported by individual devices. For a list of profiles your phone supports, see *"Bluetooth profiles"* on page 141.

Turning Bluetooth On or Off

1. From the Home screen, sweep your finger from the top of the screen downward to display Notifications.

2. Touch **Bluetooth** to turn Bluetooth On.
   Touch **Bluetooth** to turn Bluetooth Off.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your phone and the device.

After pairing, your phone and the target device will connect with each other and exchange information without a passcode or PIN.

Note: When connected, the **Bluetooth connected** icon displays in the Status Bar. If you receive a new request for connection while connected with a Bluetooth headset, a new Bluetooth icon displays at the left of the Status bar and Notifications displays the connection request.

1. Activate the target device's discoverable mode.

2. On your phone, turn on Bluetooth (see *"Turning Bluetooth On or Off"* on page 128). A list of detected devices pops-up on your display.

3. From the list of detected devices, touch the target device, your phone attempts to automatically pair with the target device.

   If automatic pairing fails, then follow the prompts to complete manual pairing:

   • Enter a PIN for the target device and touch OK.

Tip: Some devices use a default passcode of 0000. Refer to the target device's user manual for more information.

   • When prompted to connect with the target device, touch **OK** to complete the connection, touch **Cancel** to retain the pairing only.

Connecting with a Bluetooth Device

1. From the Home screen, touch ☰ **Menu → Settings → Connections → Bluetooth**. The **Bluetooth** screen appears in the display.

2. Under **Available devices**, touch a previously paired device. The device connects with your phone.

VPN

You can use your phone's VPN (Virtual Private Network) feature to connect to VPNs.

Configuring VPN Settings

For information about configuring your phone's VPN settings, see *"VPN"* on page 149.

Accessing a VPN

1. From the Home screen, touch ☰ **Menu → Settings → Connections**.

2. Under **Wireless and network**, touch **More networks → VPN**. The **VPN** screen appears, listing available VPN connections.

3. Touch a VPN and follow any prompts to access the network.

PC Connections

You can connect your device to a PC using an optional PC data cable using various USB connection modes.

Storage: Lets you use the built-in mass storage and memory card capacity of the phone to store and upload files. This option lets your computer treat your phone's installed and card memory as removable storage drives.

Kies air: Lets you wirelessly synchronize files on your phone (in mass storage and on a memory card) with files on your Windows PC, provided they are both on the same Wi-Fi network.

Note: To sync your device to your PC it is highly recommended that you install Samsung Kies which is available at http://www.samsung.com/kies (for Windows/Mac).

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 2.5 or Windows Media Player 10 or higher installed on your computer.

Connecting as a Storage Device

You can connect your device to a personal computer, have your device appear as a removable disk, and access your device's file directory. If you insert a memory card in the device, you can also access the files directory on the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Connect the USB cable to the device and connect the cable to the computer. After a few seconds, a pop-up window displays on the PC, prompting you to choose how to access the new device.

2. On the PC pop-up, click **Open device to view files**. You can now transfer files between the PC and your phone's memory and memory card (if installed).

Kies via Wi-Fi

Kies via Wi-Fi lets you wirelessly synchronize files on your phone (in mass storage and on a memory card) with files on your Windows PC, 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.

To use Kies air, follow these steps:

1. Sign onto the same Wi-Fi network from your phone and from your PC.

2. On your phone, from the Home screen, touch ▦ ➔ **Kies via Wi-Fi**.

3. From the Kies air home screen, touch **Start**.
   A web URL is displayed on your phone screen.

4. On your PC, enter the URL in your web browser.

5. On your phone, an Access Request prompt is displayed. Touch **Allow** to continue.

6. Touch the **Remember for today** check box if you will be using Kies air with the same PC later.

7. From your PC, a security warning may be displayed asking if you want to run this application. Click **Run** to continue.

8. On your PC, the Kies air screen is displayed. On your phone, the 🗛 icon appears on the Status Bar.

9. Follow the on-screen instructions to view and share information between your phone and PC.

10. To exit the Kies air application, touch **Stop** on your phone, then exit the web browser on your PC.

Tethering

Use Tethering to share your phone's internet connection with a computer connected to your device using the USB data/charging cable, or using Bluetooth.

(For more information, refer to *"Tethering"* on page 149.)

1. From the Home screen, touch ▭ **Menu → Settings → Connections → More networks → Tethering and portable hotspot**. The **Tethering and portable hotspot** screen appears.

2. Choose a tethering method:

   • **USB tethering**: Connect the computer to the phone via USB cable, then touch **USB Tethering** to turn tethering On or Off. When On, a check appears in the check box.

   • **Bluetooth tethering**: Connect your phone with the computer using Bluetooth. Consult the computer's documentation for more information about using your computer to make a Bluetooth connect. Touch **Bluetooth Tethering** to turn tethering On or Off. When On, a check appears in the check box.

Note: Using Tethering requires a subscription to your Wireless Provider's mobile data service.

Portable Wi-Fi Hotspot

Use Portable Wi-Fi Hotspot to share your phone's internet connection with a PC or other device through Wi-Fi, using your phone as the mobile hotspot.

Note: Portable Wi-Fi Hotspot requires a subscription to the applicable service to use the application.

Portable Wi-Fi Hotspot consumes battery power and uses data service. While the Portable Wi-Fi Hotspot is active, your phone's applications will use the Portable Wi-Fi Hotspot data feature allowance.

Configuring Portable Wi-Fi Hotspot Settings

Configure your phone's Portable Wi-Fi Hotspot settings, including your phone's name and password, and set the visibility of your phone's Wi-Fi hotspot.

Tip: By default, your device's mobile hotspot has no security applied, and any device can connect. (For more information about configuring your mobile hotspot, see *"Portable Wi-Fi Hotspot"* on page 147.)

Activating Portable Wi-Fi Hotspot

Activate your phone's Portable Wi-Fi Hotspot application to allow other devices to use your phone's internet connection.

1. From the Home screen, touch ▤ **Menu** → **Settings** → **Connections**. The **Settings** screen appears.

2. Under **Network conenctions**, touch **More networks** → **Tethering and portable hotspot** → **Portable Wi-Fi Hotspot**.

3. Touch **Portable Wi-Fi Hotspot** `OFF` and follow the prompts to turn Portable Wi-Fi Hotspot On.

Connecting a Device via Portable Wi-Fi Hotspot

Use the other device's Wi-Fi control to connect to your phone's Portable Wi-Fi Hotspot.

1. Activate Portable Wi-Fi Hotspot on your phone. (For more information, see *"Activating Portable Wi-Fi Hotspot"* on page 133.)

2. Activate Wi-Fi on the other device, using that device's Wi-Fi control.

3. Scan for Wi-Fi hotspots, and select your phone from the list. (To find your phone's name, see *"Configuring Portable Wi-Fi Hotspot"* on page 148.)

4. At the prompt, enter your phone's Portable Wi-Fi Hotspot password.

   By default, the password is your phone's telephone number. (For information on changing your phone's Portable Wi-Fi Hotspot password, see *"Configuring Portable Wi-Fi Hotspot"* on page 148.)

Beaming

NFC

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

1. From the Home screen, touch ▤ **Menu**, then touch **Settings ➔ Connections**.
2. Under **Connect and Share**, touch **NFC** ⬜ to enable or disable NFC.

Note: **NFC** must be turned on to use **Android Beam** or **S Beam**.

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.

Turning S Beam On or Off

1. From the Home screen, touch ▤ **Menu**, then touch **Settings ➔ Connections**.
2. Under **Connect and Share**, touch **NFC** ⬜ to enable NFC. NFC must be enabled to use S Beam. When enabled, a check mark appears in the check box.
3. Touch **S Beam** ⬜ to turn S Beam On, or touch **S Beam** ⬜ to turn S Beam Off.

Using S Beam

1. Turn **S Beam** On. (See *"Turning S Beam On or Off"*.)

2. Launch 📷 **Camera**, ▶ **Music Player**, or 🖼 **Gallery** (See *"Applications and Widgets"* on page 82.) When using Gallery, you can select multiple files to S Beam.

3. Place your phone back-to-back with the device to receive your "beamed" content, then touch the screen on your phone. The receiving device prompts the user to accept your "beamed" content.

4. Once the user of the receiving device accepts your "beamed" content, it appears on the screen of that device.

Nearby devices

Share files with nearby DLNA certified devices over Wi-Fi. (For information on configuring Nearby devices, For more information, refer to *"Nearby devices"* on page 151.)

Note: To use Nearby devices for sharing, you must have set up a connection with another Wi-Fi device that supports DLNA.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. (For more information, refer to *"Wi-Fi"* on page 126.)

2. On your phone press ⬜ **Home**, then touch 🔲 **Menu → Settings**. The **Settings** screen appears.

3. Under **Wireless and network**, touch **More settings → Nearby devices**. The **Nearby devices** screen appears.

4. Touch **File sharing** to turn file sharing via DLNA On or Off. When On, a check mark appears in the check box.

Screen Mirroring

Screen Mirroring lets your phone share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions.

Note: To view more information about DLNA certified products visit http://www.dlna.org/home.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. (For more information, refer to *"Wi-Fi"* on page 126.)

2. On your phone press ⬡ **Home**, then touch ▤ **Menu** ➔ **Settings**. The **Settings** screen appears.

3. Under **Wireless and network**, touch **More settings**. The **Wireless and networks** screen appears.

4. Touch **Screen Mirroring**. The **AllShare Cast** screen appears with **AllShare Cast** already active and begins scanning for available devices. All detected DLNA certified devices are listed under **Available devices**.

5. Touch the desired device to establish a connection. You can now view the contents of your phone's display on the connected device.

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Memory Card

Your phone supports removable microSD™ or microSDHC™ memory cards of up to 64GB capacity, for storage of music, pictures, videos, and other files.

Installing and Removing a Memory Card

(For more information about installing and removing a memory card, see *"Installing a Memory Card"* on page 8.)

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

Formatting a Memory Card

Use the Erase SD card setting to remove all content from an installed memory card.

1. From the Home screen, touch ▤ **Menu** ➔ **Settings**.

2. Under **Device**, touch **Storage**.

3. Under **SD card**, touch **Unmount SD card**.

4. After unmounting the SD card, touch **Format SD card**, then follow the prompts to confirm the deletion of information from the card.

Section 8: Settings

Accessing Settings

- From the Home screen, touch ▤ **Menu** ➔ **Settings**.

  – or –

  From the Home screen, touch ▦ **Apps** ➔
  ⚙ **Settings**.

  The **Settings** menu appears.

Note: This section does not include information about Call settings. (For Call settings information, see *"Call Settings"* on page 68.)

Settings Tabs

Your phone's Settings are divided into 4 main groups. When the Settings screen appears, the following 4 tabs are located at the top of the screen:

🖼 **Connections**: Wi-Fi, Bluetooth, Airplane Mode, Data usage, More settings, NFC, S Beam, Nearby devices, AllShare Cast, and Kies via Wi-Fi.

📱 **My device**: Home screen mode, Call, Blocking mode, Sound, Display, Power saving mode, Lock screen, Safety assurance, Accessory, Date and time, Accessibility, Language and input, Motions, and Air view.
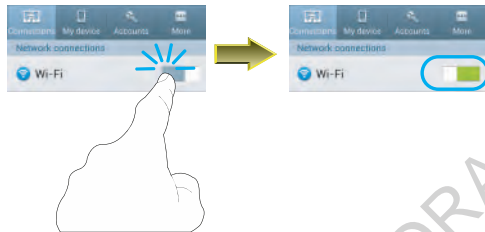
🗝 **Accounts**: Samsung account, Add account, Backup and reset.

▦ **More**: Location access, Security, Application manager, Battery, Storage, and About device.
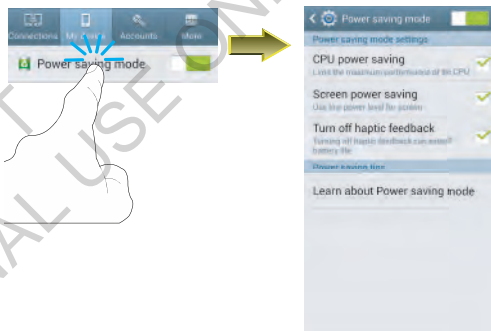
Using Setting Sliders

■ To enable or disable a setting, touch the setting slider as shown.

Accessing Additional Options

■ To access additional setting options, touch the setting label.

Connections

To access your phone's Connections settings:

- From the **Settings** screen, touch **Connections**. The **Connections** screen appears.

Wi-Fi

Set up and manage your phone's connections to Wi-Fi networks. Your phone supports Wi-Fi a/b/g/n.

(For more information about using Wi-Fi, see *"Wi-Fi"* on page 126.)

Turning Wi-Fi On or Off

Turn your phone's Wi-Fi service on or off. When you turn Wi-Fi service on, your phone automatically searches for nearby available Wi-Fi networks.

Tip: When you turn Wi-Fi service on, your phone automatically searches for available networks and displays them.

You can also turn Wi-Fi On or Off from the Notifications panel.

Turn Wi-Fi On:

- From the **Connections** screen, under **Network connections**, touch **Wi-Fi** OFF .

  – or –

  From the Home and others, touch and swipe the Status Bar downward, then touch 📶 **Wi-Fi**.

Turn Wi-Fi Off:

- From the **Connections** screen, under **Network connections**, touch **Wi-Fi** ON .

  – or –

  From the Home screen and others, touch and swipe the Status Bar downward, then touch 📶 **Wi-Fi**.

Wi-Fi Settings

Configure and manage connections to Wi-Fi access points.

1. From the **Connections** screen, under **Network connections**, touch **Wi-Fi**. The **Wi-Fi** options screen appears.

2. Touch options to configure:
   • **Add Wi-Fi network**: Connect to a new Wi-Fi network (see *"Adding a Wi-Fi Network Manually"* on page 127).
   • **Scan**: Search for available Wi-Fi networks.
   • **Wi-Fi Direct**: Access Wi-Fi Direct settings (see *"Wi-Fi Direct"* on page 141.)

3. Touch ▤ **Menu** to access the following additional options:
   • **Advanced**: View and configure your phone's Advanced Wi-Fi settings.
   • **WPS push button**: Record/send the signal from the Wi-Fi Protected Set-up push button on your Wi-Fi router.
   • **WPS PIN entry**: Record/send the Wi-Fi Protected Set-up Personal Identification Number for your Wi-Fi router.
   • **Help**: Provides on-line assistance to perform Wi-Fi interface tasks.

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Advanced Wi-Fi settings

1. From the **Connections** screen, under **Network connections**, touch **Wi-Fi → ▤ Menu → Advanced**.

2. Configure settings:
   • **Network notification**: When enabled, your phone notifies you of nearby Wi-Fi networks when you launch a high data-usage application.
   • **Passpoint**: When set to ON, your phone automatically connects to passpoint-enabled hotspots.
   • **Keep Wi-Fi on during sleep**: Specify when to switch from Wi-Fi to mobile data for data communications, when the phone goes to sleep (when the backlight goes out). This setting can affect your data usage, and the behavior of devices you connect to your phone, such as when tethering or using Mobile Hotspot.
   • **Check for Internet service**: Check whether Wi-Fi Internet service is available when connected to a W-Fi hotspot.
   • **MAC address**: (Not configurable) View your phone's MAC address, needed for connecting to some secured networks (only shows when Wi-Fi is active).
   • **IP address**: (Not configurable) View your phone's IP address (only shows when connected to a Wi-Fi network).

Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. For example, some printers support Wi-Fi Direct, and you could print from your phone via Wi-Fi Direct.

Turning Wi-Fi Direct On or Off

■ From the **Connections** screen, under **Network connections**, touch **Wi-Fi → Wi-Fi Direct**.

The **Wi-Fi Direct** screen appears, and your phone scans for available Wi-Fi Direct devices and lists them under **Available devices**.

(For information on connecting your phone to other Wi-Fi Direct devices, see *"Establishing Wi-Fi Direct Connections"* on page 127.)

Bluetooth

Your phone supports Bluetooth® 4.0.

Bluetooth profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. Your phone supports these Bluetooth profiles:

• **Headset**: HSP v1.2 profile supports use of compatible Bluetooth headsets for mono voice.

• **Handsfree**: HFP v1.5 profile supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.

• **Stereo**: A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.

• **Object Exchange**: OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.

• **Human Interface Devices**: HID v1.0 profile supports certain interface devices.

- **Personal Area Networking**: PAN 1.0 supports exchange of data with other devices.
- **Message Access Profile**: MAP 1.0 allows exchange of messages between devices, such as with an automotive hands-free device.

Turning Bluetooth On or Off

Turn Bluetooth On:

■ From the **Connections** screen, under **Network connections**, touch **Bluetooth** `OFF`.

Turn Bluetooth Off:

■ From the **Connections** screen, under **Network connections**, touch **Bluetooth** `ON`.

Tip: You can also turn Bluetooth On or Off at the Notifications Panel.

Bluetooth settings

Pair and connect with other Bluetooth devices, manage your Bluetooth connections, and control your device's visibility to other devices.

Note: Bluetooth must be turned On to access Bluetooth settings.

1. From the **Connections** screen, under **Network connections**, touch **Bluetooth**.

2. Touch a setting to configure Bluetooth:
   - Touch **Bluetooth** `OFF` to turn Bluetooth On, or touch **Bluetooth** `ON` to turn Bluetooth Off.
   - Under **My device**, touch your phone's name to enable/disable its visibility to other devices' Bluetooth searches. Available when Bluetooth is ON.
   - Touch **Scan** to search for visible Bluetooth devices. Touch a detected device to pair with it (see *"Pairing with a Bluetooth Device"* on page 128).

• Touch ▤ **Menu** to access the following options:

– **Visibility time-out**: Select how long your phone will remain visible to other devices.

– **Received files**: Lists files received from other devices over Bluetooth connections.

– **Help**: Provides on-line instructions for using your phone's Bluetooth interface.
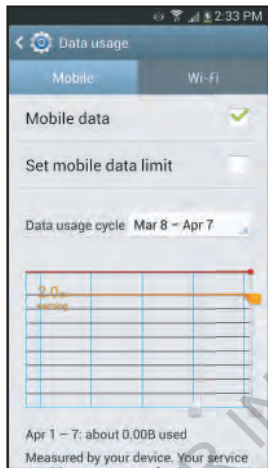
Data usage

Control your device's connection to your Wireless Provider's data service, and monitor your data usage.

Setting a mobile data limit

Setting a mobile data limit causes your phone to automatically disable the Mobile data connection when the limit is reached. You can set a warning threshold, to have your device alert you when data usage nears your set limit.

Data usage is measure by your device, and your service provider may account for usage differently, so you may want to consider using a conservative limit. Contact your service provider for more information on actual data usage.

1. From the **Connections** screen, under **Network connections**, touch **Data usage**. The **Data usage** screen appears.

2. To enable mobile data, touch **Mobile data**.

3. To enable the limit, touch **Set mobile data limit**. A red limit line appears in the **Data usage** screen.

4. To adjust the mobile **Data usage cycle**, touch and drag the vertical usage cycle lines left or right on the graph.

5. To adjust the mobile data usage warning level, touch and drag the horizontal **warning** line up or down on the graph.

6. To adjust the mobile data usage limit level, touch and drag the horizontal **limit** line up or down on the graph.