Samsung GALAXY S4 mini ®

ANDROID SMARTPHONE

User Manual

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

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Section 1: Getting Started

This section allows you to quickly start using your Samsung GALAXY S4 Mini phone by installing the SIM and 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 321.

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 284.

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 *"Security"* on page 290.)

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**."
> Connections

Battery Cover

The battery, micro SIM card and SD card are installed under the battery cover.

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

Caution! Do not bend or twist the back cover excessively during installation or removal. Doing so may damage the cover.

To remove the battery cover:

1. Hold the device firmly and locate the cover release latch (1).
2. Place your fingernail in the opening (2) and firmly "pop" the cover off the device (similar to a soda can).

Release Latch
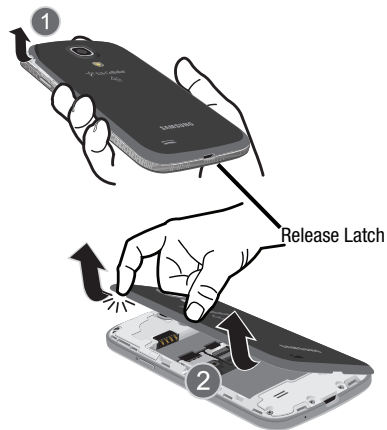
To replace the battery cover:

- Position the battery cover over the battery compartment and press down until you hear a click.

SIM Card Overview

Important! Before removing or replacing the micro SIM card, make sure the device is switched off. To turn the phone off, hold down the [⬚] key until the power-off image displays, then tap **Power off**.

The micro SIM card is loaded with your subscription details such as your telephone number, PIN, available optional services, and many other features.

Important! The micro SIM card and its information 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.

Some features on your device (such as Wi-Fi Calling) can be unlocked by using the new micro SIM card.
To use this new micro SIM card, call or contact Customer Service for more information.

This card contains the necessary information for identifying and authenticating the user to the IMS (IP Multimedia Subsystem).

Installing and Removing the SIM card

This device uses a different type of SIM card called a "micro SIM". Other larger SIM cards will not function or fit within this slot.

To install the SIM card:

1. Carefully slide the micro SIM card into the SIM card socket until it clicks into place.
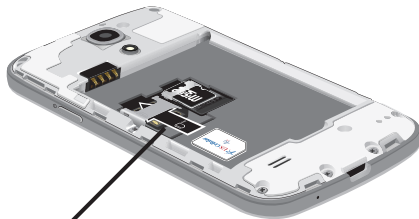
Micro SIM card

2. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.

To remove the micro SIM card:

1. Remove the battery cover.
2. Carefully place your fingernail into the end of the micro SIM slot and push the card slightly out.
3. Carefully slide the card out of the micro SIM card socket.

Note: If the card is not inserted correctly, the device will not detect it and no service is available. If this happens, turn off the device, remove the card, and reinstall the card in the correct orientation.

Installing the microSD Memory Card

Your device supports an optional (external) microSD™ memory cards for storage of media such as music, pictures, video and other files. The SD card is designed for use with this mobile device and other devices.

Note: microSD memory cards include capacities of up to 4GB. microSDHC™ memory card types can range from 4GB to up to 32GB. microSDXC™ memory card types can include capacities greater than 32GB.

Note: This device supports a memory card of up to a 64GB.

1. Remove the battery cover.
2. Locate the microSD card slot on the inside of the device.
3. Orient the card with the gold strips facing down.
4. Carefully slide the microSD card into the card socket until it clicks into place.

Important! Be sure to align the gold contact pins on the card with the phone's contact pins.
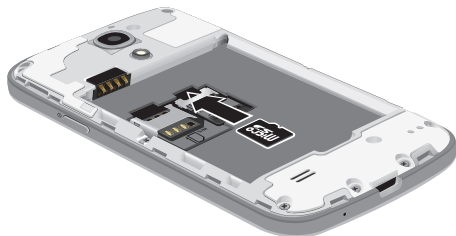
Removing the microSD Memory Card

1. Remove the battery cover.
2. Firmly press the card into the slot and release it. The card should pop partially out of the slot.
3. Remove the card from the slot.
4. Replace the battery cover.

Battery

Before using your device for the first time, install the battery and charge it fully.

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

Installing the Battery

1. 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.
2. Gently press down to secure the battery (2).

Removing the Battery

■ Grip the battery at the top end (3) and lift it up and out of the battery compartment (4).

Installing Battery
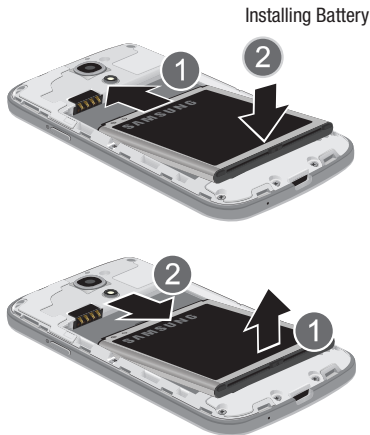
Removing Battery

Charging the Battery

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

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

Charging Head

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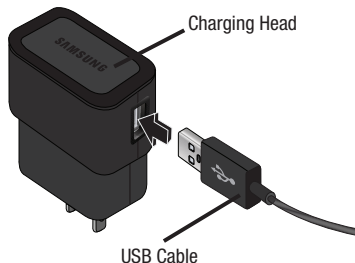
Note: Verify that the battery is installed prior to connecting the wall charger. If both the wall charger is connected and the battery is not installed, the handset will power cycle continuously and prevent proper operation. Failure to unplug the wall charger before you remove the battery, can cause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

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

1. Connect the USB cable to the charging head.
2. Locate the Charger/Accessory jack.
3. Insert the USB cable into the device's Charger/Accessory jack.
4. 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.

Note: If the charger is incorrectly connected, damage to the accessory port will occur therefore voiding the phone's warranty.

5. When charging is finished, first unplug the charger's power plug from the AC wall outlet, then disconnect the charger's connector from the phone.

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 324

Low Battery Indicator

When the battery level is low and only a few minutes of talk time remain (~15% charge), a warning tone sounds and the "Battery low" message repeats at regular intervals on the display. In this condition, your device conserves its remaining battery power, by dimming the backlight.

When the battery level becomes too low, the device automatically turns off.

The on-screen battery charge is represented (by default) as a colored battery icon. You can also choose to display a percentage value. Having a percentage value on-screen can provide a better idea of the remaining charge on the battery.

■ Press ⬭ ➔ ▤ and then tap **Settings ➔ My device** tab ➔ **Display** ➔ **Show battery percentage**.

For more information, refer to *"Display Settings"* on page 256

Extending Your Battery Life

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

- Reduce your backlight on time.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Deactivate the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.
- Do not wait until your battery is completely depleted before charging your device. Repeating this process of a complete discharge and recharge can over time reduce the storage capacity of any battery.
- Turn off Automatic application sync.
- Use the Power Saving feature to deactivate some hardware and interface functions.
- Check the Battery use screen to review what features or functions are consuming your battery resources.
- Check the Running Services and close any unnecessary applications.

- Use the Task Manager feature to end/shutdown background applications that are still running. These minimized applications can, over time, cause your device to "slow down".
- Turn off any streaming services after use (see Running Services).
- Animated wallpapers use processing power, memory, and more power. Change your Live Wallpaper to a non-animated Wallpaper gallery or Gallery image.

Initial Device Configuration

   1. Select a language from the associated field. English is the default language.

Note: If you are visually impaired or have difficulty hearing, tap **Accessibility** to configure the accessibility settings.

   2. Tap **Next**.

Note: You may be prompted with a notification that your activation is completed.

   3. At the **Wi-Fi** screen, move the slider to activate the feature and connect to either an existing Wireless Access Point (WAP) or tap **Next** to continue.

4. If prompted, assign the **Date and time** settings. Enable the Automatic date and time field, select a time zone, and tap **Next**.
   • If you disable the Automatic date and time feature, you can then manually assign this information.

Note: The Date and time menu may not display if automatically detected via your internal microSIM card.

5. At the **Samsung account** screen, select one of the following options:
   • If this is your first time, tap **Create new account**.
   • If you have previously created a Samsung account, tap **Sign in**.
   – or –

   Tap **Skip** to continue with the setup process and create an account later. For more information, refer to *"Creating a Samsung Account"* on page 21

6. At the **Got Google?** screen, choose either **Yes** to log into your existing Google account or **No** to continue.
   • If you selected **Yes**, on the Sign in screen, enter your current Google Email and Password information and tap (▶) **Next**.
   • Tap **OK** to agree to the Google legal agreements.
   • If prompted to enable purchases, tap **Set up credit card** and enter your credit card information and click **Save**.
   • Click **Skip** to continue without entering this information.

7. If you indicated that you did not have a current Google account, then at the **Make it Google** screen, choose either **Get an account** to create a new account or **Not now** to continue.

8. Select/deselect the desired **Google & location** services and tap ▶ (**Next**).

Note: Enabling Google location services can drain battery power.

9. When prompted, enter a **First** and **Last** name then tap ▶ (**Next**). This will help to identify this as your device.

10. When prompted with the Dropbox activation screen, you can choose to either: **Create account**, **Sign in**, **Disclaimer**, or tap **Skip** to continue.

Note: For more information, refer to *"Dropbox"* on page 168

11. From the **Learn about key features** screen:
    • Tap an available field to display an on-screen tutorial.
    • Turn on a feature by sliding the activation slider to the ON position (⬛ ON).

12. Tap **Next**.

13. Accept the current device name.

    – or –

    Tap the **Device name** field and use the on-screen keyboard to rename your device.

Important! The device name is also used to provide an identification for your device's Bluetooth and Wi-Fi Direct names.

14. Tap **Finish** to complete the setup process.

15. Read the on-screen Collect diagnostics information.

Note: This software collects only diagnostic data from your device so that technicians can better troubleshoot issues with your device.

16. Select either **More Info...** (to read additional information) or **Close** to close the message screen.

Important! Selecting **Close** only closes the current description screen and does not disable data collection. To disable data collection, go to **Settings ➔ Accounts** tab **➔ Backup and reset ➔ Collect diagnostics** and turn off the **Allow diagnostics to be collected** feature. For more information, refer to *"Collect Diagnostics"* on page 288

Switching the Device On or Off

Once the device has been configured, you will not be prompted with setup screens again.

To turn the device on:

■ Press and hold (**Power/End**) until the device switches on.

The device searches for your network and after finding it, you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Language and Input Settings"* on page 275

To turn the device off:

1. Press and hold (**Power/End**) until the Device options screen displays.
2. Tap **Power off** ( ).

Restarting the Device

1. Press and hold (**Power/End**) until the Device options screen displays.
2. Tap **Restart** ( ).

Locking and Unlocking the Device

By default, the device screen locks when the backlight turns off.

■ Place your finger on the screen and swipe the glass in any of the directions shown unlock the device.

Note: You can choose to configure lock settings to prevent unauthorized use of your device. For more information, refer to *"Security"* on page 290.

Creating a New Google Account

You should create a Google™ Account when you first use your device in order to fully utilize the functionality. This account provides access to several device features such as Gmail™, Hangouts™, and the Google Play Store™ applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your device and your online Google account.

To create a new Google Account from your device:

1. From the Home screen, tap (**Play Store**).
2. Read the introduction and tap **New** to begin.
3. Follow the on-screen instructions to create a Google Account.

    – or –

    If this is not the first time you are starting the device, tap ➔ (**Gmail**).

Note: If you already have a Google account, you only need to sign in.

Signing into Your Google Account

1. Launch an application that requires a Google account (such as Play Store or Gmail).
2. Click **Existing**.
3. Tap the **Email** and **Password** fields and enter your information.
4. Tap (**Sign in**). Your device communicates with the Google servers to confirm your information.
5. If prompted, you can enable the option to stay up to date on news and offers, then tap **OK**.

Confirming the Default Image and Video Storage Location

Although the device is configured to store new pictures and videos to the Memory card, it is a very good idea to confirm this location before using your device.

Important! Too many users can overlook this storage destination until something goes wrong. It is recommended that you verify this location or change it before initiating the use of the camera or camcorder features.

1. From the Home screen, tap ▦ **Apps → ◎ Camera**.
2. Press ▤ and then tap **Settings → ⚙ (Settings)** and scroll up to the **Storage** entry.
3. Tap this entry and select the desired default storage location for newly taken pictures or videos. Choose from: **Device** or **Memory card**.

Note: It is recommended that you set the option to **Memory card**.

4. Press ▭ to return to the Home screen.

Creating a Samsung Account

Just as important as setting up and activating a Google account to help provide access to Play Store, etc.. An active Samsung account is required to begin accessing applications such as Samsung Hub.

Note: The Samsung account application will manage your access to the previously mentioned applications, and there is no longer a need to remember different passwords for each application.

1. From the Home screen, press ▤ and then tap **Settings → 🔑 Accounts** tab.
2. Navigate to the **My accounts** area and then tap **Add account → Samsung account**.
3. If you have previously created a Samsung account, tap **Sign in**.

   – or –

   If this is your first time, tap **Create new account**.

4. Follow the on-screen instructions.

Note: You may be prompted to confirm your credentials via email.

5. If prompted, follow the on-screen instructions to verify your account via the provided email address.

Note: Without confirming your email address and following the documented procedures, related applications will not function properly since it is Samsung account that is managing their username and password access.

Voicemail

Setting Up Your Voicemail

Your device automatically transfers all unanswered calls to voicemail, even if your device is in use or turned off. As soon as your battery is charged and the micro SIM card inserted, activate your voicemail account.

Important! Always use a password to protect against unauthorized access.

For new users, follow the instructions below to set up voice mail:

Note: Voicemail setup may be different depending on your network.

1. From the Home screen, tap 🔧 and then touch and hold the ⌨ 1 ∞ key until the device dials voicemail. You may be prompted to enter a password.

2. Follow the tutorial to create a password, a greeting, and a display name.

Accessing Your Voicemail

You can access your Voicemail by either pressing and holding [1 ∞] on the keypad, or by using the phone's Application icon, then tapping the Voicemail application.

To access Voice Mail using the menu:

1. From the Home screen, tap 📞 and then touch and hold [1 ∞] until the device dials voicemail.

Note: Touching and holding [1 ∞] will launch the voicemail application.

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

Accessing Your Voicemail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.

Task Manager

Your device can run applications simultaneously, with some applications running in the background.

Sometimes your device might seem to slow down over time, and the biggest reason for this are background applications. These are applications that were not properly closed or shutdown and are still active but minimized. The Task Manager not only lets you see which of these applications are still active in the background but also easily lets you choose which applications are left running and which are closed.

Note: The larger the number of applications running on your phone, the larger the energy drain on your battery.

Task Manger Overview

■ Press and hold ⬭ (**Home**) and then tap 🕒 (**Task manager**). This screen contains the following tabs:

- **Active applications** display those currently active applications running on your phone.

- **Downloaded** displays any installed packages or applications from the Play Store that are taking up memory space. Tap **Uninstall** to remove them from your phone.

- **RAM**, which displays the amount of current RAM (Random Access Memory) currently being used and allow you to **Clear Memory**.

- **Clear defaults** allows you to clear which applications are launched by default.

- **Storage** displays a visual graph indicating the available and used space within the System storage and external SD card.

Shutting Down an Currently Active Application

■ Press and hold ⬭ (**Home**) and then tap ⬛✕ (**End all**)

   – or –

1. Press and hold ⬭ (**Home**) and then tap 🕒 (**Task manager**).

2. From the **Active applications** tab, tap **End** to close selected applications.

   – or –

Tap **End all** to close all background running applications.

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Google Now

Google Now® recognizes a user's repeated actions performed on the device (including access of common locations, repeated calendar appointments, search queries, etc.). This information is then used to display more relevant information to the user in the form of "cards". These scrollable on-screen cards are displayed when the Google Now application is launched.

These cards are not manually added.

The service uses your GPS, Google Search, and usage information to generate these cards automatically.

To initially set up Google Now:

1. Press and hold ▭ (**Home**) and then tap ⑧ (**Google Now**).

2. Follow the on-screen instructions to review the available information.

3. When prompted, agree to launch the application. Some initial on-screen "cards" are shown. A default is the Weather card that provides updated weather information in your area.

To configure the Google Now settings:

1. Press and hold ▭ and then tap ⑧ (**Google Now**).

2. Press ▤ and select **Settings**.

3. Access each desired Settings page and configure it as desired.

When these condition are met, new card information starts to display in the Google Now list of cards.

Section 2: Understanding Your Phone

Features

- Touch screen with virtual (on-screen) QWERTY keyboard
- Brilliant 4-inch WVGA screen (480x800)
- Delivering data speeds faster than the current 3G network technology by using 4G LTE and High Speed Packet Access Plus (HSPA+).
- Android 4.2.2, Jelly Bean Platform
- Smart Switch™ compliant. For more information, see www.samsungsmartswitch.com
- Wi-Fi ® Capability
- Apps available to download from the Google Play™ Store and Samsung Apps
- Access Movies, TV Shows, Music, Games, and Books with Samsung Hub™
- Compliant with AllShare Cast Hub®
- 5 Megapixel Camera and Camcorder with autofocus and digital zoom
- VGA Front Facing camera for Video Chat
- Share Shot picture sharing functionality
- S-Beam file transfer technology
- Share Shot camera sharing-capable via multi-connect Wi-Fi Direct connection
- Bluetooth enabled
- NFC-compatible
- Full Integration of Google Mobile™ Services (Gmail, YouTube, Google Maps, Google Voice Search)
- Multiple Messaging Options: Text/Picture/Video Messaging and Google Hangouts™
- Corporate and Personal Email
- Music Player with multitasking features
- Music Player (AAC, AAC+, eAAC+, MP3, and WMA)
- Speakerphone
- Support for microSD™ and microSDHC™ Memory Cards up to 64GB capacity
- Pre-loaded e-reader applications such as: Play Books™ and Play Magazines™
- Assisted GPS (Google Navigation)
- Webkit-based browser

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- Expandable memory slot - supports up to 64GB microSD
- Mobile HotSpot and USB Tethering-capability
- Video Chat via Google Hangouts™
- Google Play™ Music
- Wi-Fi ® Calling via the use of a micro SIM card

Front View
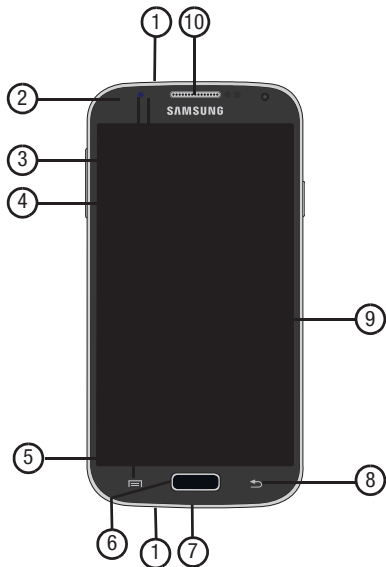
1. **Earpiece**: Use during calls to listen to callers.
2. **LED Indicator**: Flashes or glows to alert you to alert notifications or phone status.
3. **Menu Key**: Press to display options for the current screen.
4. **Home Key**: Press to display the Home screen, or Lock screen if the phone is locked. 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 *"Adjusting Screen Brightness"* on page 248), and when taking pictures with the Front camera.

Back View

The following illustration shows the external elements of your device:

1. **Camera lens** is used to take photos.
2. **Flash** is used to take photos in low-light conditions.
3. **External speaker** allows you to hear ringers, music, and other sounds offered by your phone.
4. **microSD Card Slot** (internal) allows you use a microSD card to expand the memory of your device.
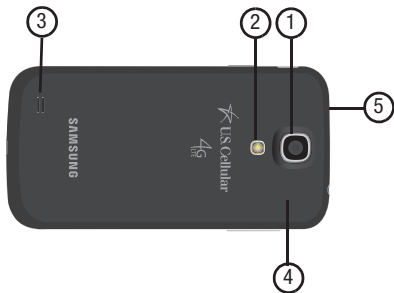
5. Headset jack allows you to connect a hands-free headset so you can listen to music.

Side Views

The following illustration shows the side elements of your device:
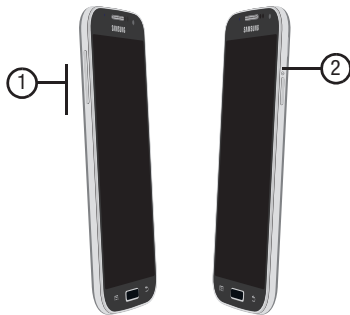
1. Volume key allows you to adjust the ringer volume in standby mode (with the phone open) or adjust the voice volume during a call. When receiving an incoming call:

• Pressing the volume key down mutes the ring tone.

2. Power/End key ends a call or switches the phone off and on. Press and hold for two seconds to turn toggle the Silent mode or Airplane mode states, turn the device on or off, or Restart.

Device Display

Your display provides information about the device's status, and is the interface to manage features. The display indicates your connection status, signal strength, battery status and time. Icons display at the top of the device when an incoming call or message is received and also alerts you at a specified time when an alarm was set. The screen also displays notifications, and Application (or shortcut) bar with five primary shortcuts: Phone, Contacts, Messaging, Internet, and Apps.

Display settings

In this menu, you can change various settings for the for the wallpaper, cube, brightness or backlight.

■ From the Home screen, tap 🔳 **Apps** ➔
   (**Settings**) ➔ 🔲 **My device** tab ➔ **Display**.
   For more information, refer to *"Display Settings"* on
   page 256.

Status Bar

The Status Bar shows information about the connection status, signal strength, phone battery level, and time, and displays notifications about incoming messages, calls and other actions.

This list identifies the icons you see on your phone's display screen:

Indicator Icons

This list identifies the symbols you'll see on your device's display and Indicator area:

Note: Some Notification icons can be hidden manually by toggling the status of the Notification panel function. For more information, refer to *"Accessing Additional Screen Functions"* on page 37

📶	Displays your current signal strength. The greater the number of bars, the stronger the signal.
✈	Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.

Indicates there is no signal available.

Displays when there is no SIM card in the phone.

Displays when there is a system error or alert.

Displays to indicate a security warning. You are prompted to set a screen lock password.

Displays when a call is in progress. Icon is displayed in the Status bar area.

Displays when a call is on hold. Icon displays in the Status bar area.

Displays when an active call is routed through a Bluetooth headset. Icon displays in the Status bar area.

Displays when you have missed an incoming call.

Displays when you device is set to automatically reject all incoming calls. The All numbers option is enabled from within **Call settings** ➔ **Call rejection** ➔ **Auto reject mode** menu.

Displays when the speakerphone is on. Icon displays in the Status bar area.

Displays when the microphone is muted. Icon displays in the Status bar area.

Displays when Call forwarding is set to Always forward. Displayed in the Status bar when the current call is minimized. For more information, refer to *"Configuring Additional Voice Call Settings"* on page 265

Displays your current battery charge level. Icon shown is fully charged.

Displays when the current battery is 100 percent charged and the Display battery percentage option is enabled within the **Settings** ➔ **My device** tab ➔ **Display** menu.

Displays your battery is currently charging.

| | Displays your current battery charge level is low (Charge: ~28% - 15%). | | Displays when there is a new text message. |

Displays your current battery charge level is low (Charge: ~28% - 15%).

Displays when there is a new text message.

Displays your current battery charge level is very low (Charge: ~15% - 5%).

Displays when an outgoing text message has failed to be delivered.

Shows your current battery only has up to 4% power remaining and will soon shutdown. (Charge: ~4% - 1%).

Displays when an incoming text message content has failed to be downloaded.

Displays when your connection to an EDGE network is active.

Displays when there is a new voicemail message.

Displays when your phone is communicating with the EDGE network.

Displays in the notifications window when there is a new Email message.

Displays when your connection to a UTMS, HSDPA, HSPA, or HSPA+ network is active.

Displays in the notifications window when there is a new Gmail message.

Displays when your phone is communicating with the UTMS, HSDPA, HSPA, or HSPA+ network.

Displays when a new Google+ notification has been received.

Displays when your connection to a 4G LTE network is active.

Displays when the user is prompted to set up a new Dropbox account.

Displays when the phone has detected an active USB connection and is in a USB Debugging mode.

Displays when the user is prompted with a Lookout Security notification.

32

Displays when the time and date for a Calendar Event has arrived. For more information, refer to *"Calendar"* on page 161

Displays when an alarm is set. For more information, refer to *"Setting an Alarm"* on page 164

Displays when the device is in Silent mode. All sounds except media and alarms are silenced, and Silent mode is set to **Vibrate**. For more information, refer to *"Silent mode via Device Options Screen"* on page 257

Displays when the device is in Silent mode. All sounds are silenced, and Silent mode is set to **Mute**.

Displays when data synchronization and application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.

Displays when the Blocking mode feature is active. For more information, refer to *"Blocking Mode"* on page 271

Displays when Bluetooth technology is active and enabled.

Displays when the Bluetooth technology is active and communicating with an external device.

Displays when the an outbound file transfer is in progress.

Displays when a file or application download is in progress.

Displays when the Share shot option is enabled from within the Camera Shooting mode menu and images and being shared via Wi-Fi Direct. For more information, refer to *"Camera Options"* on page 141

Displays when a screen capture has been taken and stored in the clipboard.

Displays when your device is connected being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified devices.

Displays when your device is currently sharing/streaming media to paired device using the Samsung Link application.

Displays when AllShare Cast Hub is active, connected to your device, and communicating. For more information, refer to *"AllShare Cast Hub"* on page 158.

Displays when updates are available for download.

Displays when a Play Store download has completed.

Displays when Hangout updates are available for download. For more information, refer to *"Hangouts"* on page 137.

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active and there is an available open wireless network.

Displays when Wi-Fi Direct is active and configured for a direct connection to another compatible device in the same direct communication mode.

Displays when Wi-Fi Direct is communicating with another compatible device.

Displays to alert you to disable an active Wi-Fi Direct connection if not in use - to conserve battery power.

Displays when the USB Tethering mode is active and communicating. For more information, refer to *"USB Tethering"* on page 229.

Displays when Wi-Fi is being used as a Mobile HotSpot feature is active and communicating. For more information, refer to *"Mobile HotSpot"* on page 230.

Displays when a share shot has been established with other users via a Wi-Fi Direct connection.

Displays when the Wi-Fi calling feature is active. Minutes used while connected to the Wi-Fi network count against available rate plan minutes.

✚	Displays when you are currently in Emergency calling mode. You must exit this mode to resume normal calling function.	🔲⚙	Displays when the External SD card is being prepared for mounting to the device. This is required for communication with the External SD card.
⟨✚	Displays in the notifications window when there are too many on-screen notification icons to display. Tap to show more notifications.	⚠	Displays when the microSD card has been improperly or unexpectedly removed.
⬚⬚⬚⬚	Tap to select a text input method.	⊙!	Displays when storage within either the internal location or the external SD card has reached its capacity. It is recommended you either move files off or delete them to make additional room.
▷	Displays in the notifications window when a song is currently playing within the Music application.		
🎧	Displays in the notifications window when a song is currently playing within the Play Music application.	♻	Displays when Power saving mode is enabled.
◉	Displays when your device's GPS is on and communicating.	⚡	Displays when the Power saving alert notification has been activated. You are then prompted to view your current battery level.
🔲	Displays when the external SD card (internal microSD) has been disconnected (unmounted) from the phone and is now ready for either removal or formatting.	TTY	Displays when TTY device has been inserted.
		◉	Displays when the Driving Mode is active. For more information, refer to *"Driving Mode"* on page 271.

Notification Bar

The Notification area indicates new message events (data sync status, new messages, calendar events, call status, etc). You can expand this area to display the Notification screen that provides more detailed information about the current on-screen notification icons.

1. Touch the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel (1).

2. Tap a notification entry to open the associated application (2).
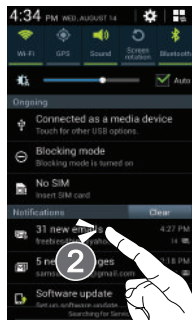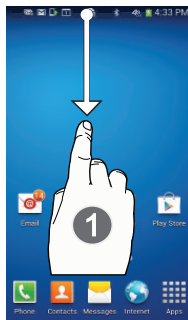
Clearing Notifications

1. Touch and drag the Status bar down to the bottom of the screen to open the Notifications panel.

2. Tap **Clear**. The notifications are cleared from the panel.

Accessing Additional Screen Functions

In addition to notifications, this screen also provides quick and ready access to device functions. These can be quickly activated or deactivated.

Scrolling across a horizontal list of functions has been enhanced with an accessible Grid view.

Note: You can select the function buttons you see at the top of the Notifications panel.
Only 5 buttons are shown at any one time.
The Grid view is the only way to view all functions.

To activate the Grid view:

■   From the Notification panel, tap 🔲 (**Open Grid view**) to display additional functions.

To minimize the Grid view:

■   From the Notification panel, tap 📋 (**Close Grid view**) to show only your primary functions.

To customize the functions displayed:

1.   From the Notification screen, tap 🔲 (**Open Grid view**) to display additional functions.

2.   Tap ✎ (**Edit**) then locate the Notifications panel area located at the bottom of the Notifications panel screen.

3.   Touch and hold a desired function then drag it to the top row.
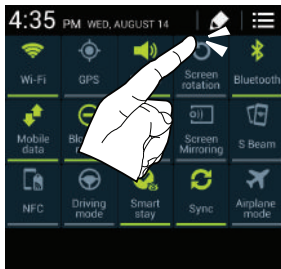
Function Keys

Your device comes equipped with three main function keys that can be used on any screen: **Home**, **Menu**, and **Back**.

Home Key

The **Home** key (⬭) takes you back to your Home screen (indicated by a white Home icon).

■ Press and hold to launch the Recent apps/Task manager screen. For more information, refer to *"Accessing Recently-Used Applications"* on page 45

Menu Key

The **Menu** key (▤) activates an available menu function for the current screen or application.

Back Key

The **Back** key (↰) returns you to the previously active screen. If the on-screen keyboard is currently open, this key closes the keyboard.

Home Screen

The Home screen is the starting point for using the applications on your phone. There are initially seven available panels, each populated with default shortcuts or applications. You can customize each of these panels.

Connection Status ———
Signal strength
Battery status
Status Bar ———
Time
Notification area
Widget
Status area
Google Search
Home Screen
Shortcuts ———
Primary Shortcuts

- **Notification area** displays those icons associated with end-user notifications such as: email messages, calls (missed, call in progress), new voicemail, upcoming event, USB connection, Emails, and Text/MMS messages.
  - These notifications display at the top-left of the screen (within the Status bar area) and display important user information.
  - This information can be accessed by swiping down from the Status bar (page 36).
- **Status area** displays those icons associated with the status of the device such as communication, coverage, Bluetooth, 4G/3G, Wi-Fi communication, battery levels, GPS, etc.
- **Home Screen** is a customizable screen that provides information about notifications and device status, and allows access to application Widgets.
- **Extended Home Screens** extend beyond the current visible screen width to provide more space for adding icons, widgets, and other customization features.
  - There are six available extended screens (panels) each of which may be populated with its own shortcuts or widgets. These screens share the use of the five Primary Shortcuts.
  - The current screen is indicated at the bottom by a white square. Up to seven (7) total screens are available.

Note: Both the status bar and primary shortcuts are visible across all screens.

- **Google search** is an on-screen Internet search engine powered by Google™. Tap to access the Voice Actions feature where you can verbally enter a search term and initiate an online search.
  - Tap 🎤 (**Voice Actions**) to launch the function from within this Google widget.
- **Widgets** are self-contained on-screen applications (not shortcuts). These can be placed onto any of the available screens (Home or extended).
- **Shortcuts** are icons that launch available device applications such as Camera, YouTube, Contacts, Phone, Email, Play Store, etc. These function the same as shortcuts on your computer.
  - Although some may already be found on the Extended Home screens, the majority can also be found within the Applications screens.
  - The Application screens can be accessed by tapping 🔲 **Apps** from the Primary shortcuts area.
  - Shortcuts can be removed from a screen and added back any number of times.

- **Primary Shortcuts**: are four shortcuts present throughout all of the available screens and can be used to both navigate within the device or launch any of the following functions:
  - **Phone** ( ) launches the phone-related screen functions (Keypad, Logs, Favorites, and Contacts).
  - **Contacts** ( ) launches the Contacts-related screens (Phone, Groups, Favorites, and Contacts).
  - **Messaging** ( ) launches the Messaging menu (create new messages or open an existing message string).
  - **Internet** ( ) launches the built-in Web browser.
  - **Apps** launches the Applications page.
    - Tap **Apps** to access the Applications screens.
    - While in the Applications screens, tap (**Back**) to easily return to the Home screen.

As you transition from screen to screen, a screen indicator (located at the bottom) displays the currently active panel.

Home Screen Menu Settings

When on the Home screen, press and then select any of the following menu options:

- **Add apps and widgets** allows you to quickly access the Widget tab where you can then drag a selected widget to an available area on a selected screen.
- **Create folder** allows you to create on-screen folders to help organize files of application shortcuts.
- **Set wallpaper** allows you to assign the current wallpaper for the Home screen, Lock screen, or Home and lock screens. Choose from Gallery, Live wallpapers, or Wallpapers.
- **Edit page** allows you to add or remove extended screens from your device. You can have up to six extended screens (one Home screen and six Extended screens).
- **Search** displays the Google Search box that you can use to search for a key term online.
- **Settings** provides quick access to the device's settings menu.
  - The Settings menu can also be accessed by pressing and then tapping ➔ **Settings**.
- **Help** displays the on-screen Help application. For more information, refer to *"Help"* on page 174

Applications

The Application menu provides quick access to the most frequently used applications. Applications display on each of the three panels on the Applications screens.

Important! Once you log into your Google account. All previously downloaded apps should now be populated within the Application screens.

Application Screen Menu Settings

When on the Apps screen, the following menu options are available:

1. Press ⬜ and then tap ▦ **Apps**.
2. Press 🔳 and then select from the following options:
   • **Play Store**: provides quick access to the Play Store (page 208).
   • **Edit**: allows you to organize your current applications by moving them around the screen, edit or delete existing Apps folders.
   • **Create folder**: allows you to create an application folder where you can better organize and group desired apps.

• **Uninstall**: allows you to uninstall a user-downloaded application. Only those applications that are not default to the device can be downloaded. Tap ⊖ to remove the selected app.
• **Downloaded applications**: allows you to filter the view of apps to only those applications that you have downloaded.
• **View type**: allows you to customize the way the Apps menu listing is shown (page 48).
• **Share apps**: allows you to share information about selected applications with external users (page 47).
• **Hide applications**: allows you to specify which current applications are hidden from view in this menu. Once you have selected the apps, tap **Done**.
• **Show hidden applications**: allows you to specify which previously hidden applications are can be made visible again for viewing in this menu. Once you have selected the apps, tap **Done**.

3. Press ⬜ to return to the Home screen.

Screen Navigation

Using the touch screen display and the keys, you can navigate the features of your device and enter characters. The following conventions are used in this manual to describe the navigation action in the procedures.

Navigating Through the Screens

The following terms describe the most common hardware and on-screen actions.

- **Press and hold**: Pressing relates to use of the hardware keys and buttons to select or activate an item. For example: press the Navigation key to scroll through a menu. Some buttons and keys require you to press and hold them to activate a feature, for example, you press the Lock key to lock and unlock the device.

- **Tap**: Use a brief touch to select items on the display or to enter text on the virtual QWERTY keyboard. For example: touch an Application icon to open the application. A light touch works best.

- **Touch and hold**: Touch and hold an icon or key to open the available options, or to access a pop-up menu. For example: touch and hold from the Home screen to access a menu of customization options.

- **Flick**: Move your finger in lighter, quicker strokes than swiping. This finger gesture is always used in a vertical motion, such as when flicking through contacts or a message list.

- **Swipe or slide**: Quickly drag your finger vertically or horizontally across the screen. This allows you to move the area of focus or to scroll through a list. For example: slide your finger left or right on the Home screen to scroll among the seven panels.

- **Drag**: Press and hold your finger with some pressure before you start to move it. Do not release your finger until you have reached the target position.

- **Rotate**: Automatically change the screen orientation from portrait to landscape by turning the device sideways. For example: rotate to landscape orientation when entering text, to provide a larger keyboard, or when viewing web content to minimize scrolling.

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

- **Spread**: "Spread" the screen using your thumb and forefinger to zoom in when viewing a picture or a Web page. (Move fingers outward to zoom in.)

Note: These screens can be re-arranged in any desired order. For more information, refer to *"Customizing the Screens"* on page 46

• **Motion Navigation and Activation**: The device comes equipped with the ability to assign specific functions to certain device actions that are detected by both the accelerometer and gyroscope.

Accessing Recently-Used Apps

1. Press and hold ⬛ from any screen to open the recently-used applications window.

2. Tap an icon to open the selected application.

    – or –

    Tap 🖂 to go to the Task manager.

    – or –

    Tap ⑧ to go to Google Search.

    – or –

    Tap ⧮ to delete the record of all recently used applications.

Menu Navigation

You can tailor the device's range of functions to fit your needs using both menus and applications. Menus, sub-menus, and features are accessed by scrolling through the available on-screen menus. Your device defaults with seven screens.

Navigating Through the Application Menus

There are three default Application Menu screens available. As you add more applications from the Play Store, more screens are created to house these new apps.

1. From the Home screen, tap ▦ **Apps**. The first Application Menu screen displays.
   • To close the Applications screen, press ⬭ (**Home**).
2. Sweep the screen to access the other menus.
3. Tap any of the on-screen icons to launch the associated application.

Using Sub-Menus

Sub-menus are available from within most screen and applications.

1. Press ▤. A sub-menu displays at the bottom of the screen.
2. Tap an available on-screen option.
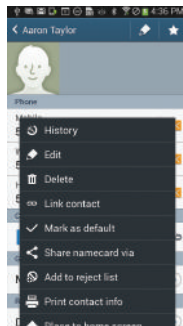
Sub-Menu items

Using Context Menus

Context menus (also called pop-up menus) contain options that apply to a specific item on the screen. They function similarly to menu options that display when you right click your mouse on your desktop computer.

■ Touch and hold an item on-screen to open its context menu.

Context Menu
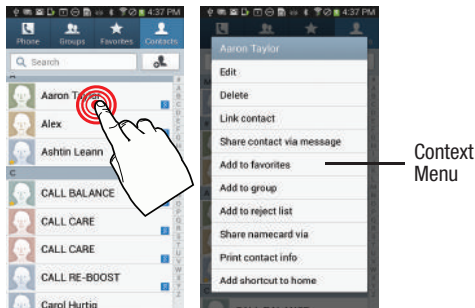
Accessing Recently-Used Applications

1. Press and hold [icon] to open the recently-used applications window.

Note: This recent applications screen also provides access to the **Task manager**.

2. A pop-up displays the six most recently used applications.

3. Tap an icon to open the recent application.

Customizing the Screens

You can customize the Home screens (panels) to display the Widgets, Shortcuts, Folders, or Wallpapers. For example, one screen could contain the Music Player shortcut and other forms of media, while another screen might contain communication apps such as Gmail.

You can customize your Home screen by doing the following:

• **Adding, Deleting, and Rearranging screens**
• **Assigning a New Home screen**
• **Adding and Removing Primary Shortcuts**
• **Sharing Application Information**
• **Managing Shortcuts**
• **Adding and Removing Widgets**
• **Changing the Background (Wallpapers)**

Adding and Deleting Screens

Your phone comes with seven screens. You can delete these screens and then add them back later.

Note: These screens can be deleted and re-arranged.

Important! Your phone can only contain at most seven screens and at least one screen.

To delete a screen:

1. From the Home screen, press ▦ and then tap **Edit page**.

2. Touch and hold, then drag the undesired screen up to the **Remove** tab (🗑).

3. Press ⬛ to return to the main Home screen.

To add a screen:

1. From the Home screen, press ▦ and then tap **Edit page**.

2. Tap ➕ (**Add screen**). The newly added screen appears as the last page.

3. Press ⬛ to return to the main Home screen.

Rearranging the Screens

1. From the Home screen, press ▤ and then tap **Edit page**.

2. Touch and hold a screen and then drag it into its new location. Upper-left is screen position #1 and bottom-right is screen last screen.

Assigning a New Home Screen

1. From the Home screen, press ▤ and then tap **Edit page**.

2. Tap ⌂ . The new Home screen then indicates this ⌂ (**Home screen**) icon at the top of the selected screen.

Sharing an App

The device's Applications menu now comes with a feature that allows you to share information about your selected applications with external users.

1. From the Home screen, tap ▦ **Apps**.

2. Press ▤ and then tap **Share apps**.

3. Place a check mark alongside those applications you wish to share information about and tap **Done**.

Note: Shared applications consist of those that have previously been downloaded from the Play Store.

4. Select a sharing method. Choose from: Add to Dropbox, Bluetooth, Email, Gmail, Google, Google+, Hangouts, Memo, Messages, and Wi-Fi Direct.

5. The recipient is notified about the receipt of the new information.

Managing Shortcuts

Note: To move a shortcut from one screen to another, you must carefully touch and hold the shortcut and slowly drag it to the edge of the screen. As the shortcut turns light blue, you can begin to move it to the adjacent screen. If this does not work, delete it from its current screen. Activate the new screen and then add the selected shortcut.

To add a shortcut from the Applications screen:

1. From the Home screen, select a screen location for your new shortcut by scrolling across your available screens until you reach the desired one.
2. Tap **Apps** (▦) to reveal all your current available applications. By default, applications are displayed as an Alphabetical grid.
3. Scroll across the screens and locate your desired application.
4. Touch and hold the on-screen icon. The new shortcut then appears to hover over the current screen.
5. While still holding the on-screen icon, position it on the current screen. Once complete, release the screen to lock the shortcut into its new position.

To add a shortcut via the Add to Home screen:

1. From the Home screen, navigate to a screen with an empty area.
2. Touch and hold an empty area of the screen.
3. From the **Home screen** window, tap **Apps and widgets** ➔ **Apps**.

4. Scroll across the pages and touch and hold an application to place a copy on the current screen.

To delete a shortcut:

1. From the Home screen, touch and hold the desired shortcut. This unlocks it from its location on the current screen.
2. Drag the shortcut over the **Remove** tab (🗑) and release it.

Adding and Removing Primary Shortcuts

Note: You can change any of your primary shortcuts with the exception of the **Apps** shortcut.

To remove a primary shortcut:

■ From the Home screen, touch and hold the primary shortcut you want to replace, then drag it to an empty space on any available screen. The primary shortcuts are now updated to show an empty slot.

To insert a new primary shortcut:

1. From the Home screen, tap ▦ **Apps**.

2. Locate your desired application, then touch and hold the on-screen icon to position it on a desired screen. For more information, refer to *"Managing Shortcuts"* on page 47

3. Locate the screen with the desired shortcut you want to add as the new primary shortcut.

4. Touch and hold the shortcut until it detaches from the screen.

5. Touch and hold the new shortcut, then drag it into the empty space within the row of primary shortcuts. The new primary shortcut will now display on both the Home and Extended screens.

Adding and Removing Widgets

Widgets are self-contained applications that can be placed on any screen. Unlike shortcuts, widgets display as applications.

To add a Widget:

1. From the Home screen, tap ▦ **Apps ➔ Widgets** tab.

2. Scroll across the Widget pages and locate a desired Widget.

3. Touch and hold an available Widget until it detaches from the screen.

4. While still holding the Widget, scroll left or right across the available screens and let go of the Widget to place it on your current screen.

To remove a Widget:

1. Touch and hold a Widget until it unlocks from the current screen.

2. Drag the widget over the **Remove** tab (🗑) and release it.
   • As you place the Widget into the Trash, both items turn red.
   • This action doesn't delete the Widget, it just removes it from the current screen.

To place a widget onto a different screen:

1. Touch and hold the widget until it becomes transparent.

2. Slowly drag it past the edge of the screen until the adjacent page appears highlighted and it then snaps onto the new page.

3. Drag the widget to its desired position on the new screen.

4. Repeat these steps to continue moving it to other screens.

Managing Wallpapers

Wallpapers consist of either Gallery images (user taken), Live wallpapers (animated backgrounds), or Wallpaper gallery (default phone wallpapers).

Note: Selecting animated Live wallpapers will require additional battery power.

To change the current Home screen wallpaper:

1. Navigate to any screen.

   – or –

   Press 🔲 to go to the Home screen.

2. Touch and hold an empty area of the screen.

3. From the **Home screen** window tap **Set wallpaper** ➔ **Home screen**.

4. Select a Wallpaper type:
   • Tap **Gallery** to select from a user image stored in the camera image gallery, crop the image, and tap **Done**.
   • Tap **Live wallpapers** to select from a list of animated backgrounds, once done tap **Set wallpaper**.
   • Tap **Wallpapers**, scroll through the images, tap a wallpaper image, then tap **Set wallpaper**.

Note: Wallpapers supports the following image types: JPEG, PNG, GIF, BMP, and WBMP.

To change Wallpapers from Settings Menu:

1. From the main **Settings** page, tap **My device** tab ➔ **Display** ➔ **Wallpaper**.

   – or –

   Touch and hold an empty area of the screen and select **Set wallpaper**.

2. Choose from **Home screen**, **Lock screen**, or **Home and lock screen**.

Note: The **Home and lock screens** is an additional option that allows you to change both screens at the same time.

3. Select a wallpaper type (**Gallery**, **Live wallpaper**, or **Wallpapers**).

4. Choose an image and tap **Done** or **Set wallpaper**.

To change the current Lock screen wallpaper:

1. Navigate to any screen, touch and hold an empty area of the screen, and tap **Set wallpaper** ➔ **Lock screen**.

   – or –

   From the main **Settings** page, tap **My device** tab ➔ **Display** ➔ **Wallpaper** ➔ **Lock screen**.

2. Select a Wallpaper type:
   • Tap **Gallery** to select from a user image stored in the camera image gallery, crop the image, and tap **Done**.
   • Tap **Travel wallpaper** to display recommended destination images on your lock screen. Select a slideshow interval.
   • Tap **Wallpaper**, scroll through the images, tap a wallpaper image, then tap **Set wallpaper**.

Section 3: Call Functions and Contacts List

This section describes features and functionality associated with making or answering calls, and the Contacts list, which is used to store contact information.

Displaying Your Phone Number

■ From the Home screen, press 🔲 and then tap **Settings → ⬛ More More** tab **→ About device → Status**. Your phone number displays in the **My phone number** field.

Note: The device's **Settings** menu can also be activated by pressing 🔲 Menu and then tapping **Settings**.

Making a Call

You can store phone numbers that are regularly used to the SIM card or to the device's memory. These entries are referred to as the **Contacts list**.

Note: If your screen goes black during your interaction with the device (launching Keypad, etc.), you might be accidentally swiping over the front sensors.

1. From the Home screen, tap 📞 **Phone**.
2. Enter the phone number and then tap 📞.

■ If you make a mistake while dialing, tap ⬅× to clear the last digit. Touch and hold ⬅× to clear the entire sequence.

Note: When you activate the **Auto retry** option in the **Call settings → Other call settings** menu, the device automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voicemail.

Quick Dialing a Number from the Contacts List

1. From the Home screen, tap (**Contacts**).
2. Locate a contact from the list.
3. Touch and drag your finger over the number by going to the right. This action places a call to the recipient.

Running a Call in the Background

If you exit the current call screen and return to the Home screen, you are visually notified that you are still on an active call by the green phone icon displayed in the Status bar.

This is the best way to stay on your current call and do something else (multi-task) such as access the Contacts list, view a recent email, locate a picture, etc.

In Call Notification

Ending a Call

■ Briefly tap the [End call] key to end the call.

Note: To redial a recent number, tap [Call] at the end of the call or locate the number from the Logs list, tap the entry and tap **Call**.

Ending a Call from the Status Bar

1. From an active call, you can launch a separate application or return to the Home screen. The current call is kept active in the background.
2. Tap the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.
3. Tap **End** to end the currently active call.

Making Emergency Calls

If you do not have a SIM card installed the first time you turn on the phone, the **Insert SIM card to make calls** message displays and an animated tutorial shows you how to install the SIM card.

Without a SIM card, you can only make an emergency call with the phone; normal cell phone service is not available.

Making an Emergency Call Without a SIM card installed

1. Tap **Emergency call** from the on-screen display to make an emergency call.

2. Enter 9-1-1 and tap [phone icon]. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

Note: Selecting Location consent may drain battery power. For more information, refer to *"Power Saving Mode"* on page 272

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3. Tap [End call icon] to exit this calling mode.

Making an Emergency Call With a SIM card installed

The Emergency calling mode makes redialing an emergency number a 1-tap process. Before you can resume normal calling operations, you should first exit this mode.

1. Swipe the Lock screen to unlock the device.

2. From the Home screen, tap [phone icon].

3. Enter the emergency number (ex: 911) and then tap [phone icon].

4. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

Note: This mode can drain your battery power more rapidly than a normal calling mode.

---

5. At the Emergency Callback screen, follow the on-screen instructions.

Dialing Options

When you enter numbers on the Keypad, you will see three on-screen options.

From the keypad screen, use one of the following options:

- **Voicemail** (🔲) to access your Voicemail service.

- **Call** (🔲) to call the entered number.

- **Delete** (🔲) to delete digits from the current number.

To view additional dialing options:

- After entering a number, tap 🔲 :
  - **Send message** to send the current caller a text message while still maintaining the current call active.
  - **Add to contacts** to add the current number to either a new or existing Contacts entry.
  - **Speed dial setting** to access the Speed dialing setting menu where you can assign a speed dial location to a current Contacts entry.

- **Add 2-sec pause** to insert a two-second pause to enter a 2-second delay within a number string (the phone continues dialing after 2 seconds without any additional keys being pressed.

Tip: You can create pauses longer than two seconds by entering multiple 2 second pauses.

- **Add wait** to insert a hard pause within the number string (the phone waits for your input). A wait requires that any consecutive numbers be manually sent by tapping **Yes**.
- **Call settings** to provide you access to the Call settings screen.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image. The caller's phone number, picture, or name if stored in Contacts List, displays.

Pressing the Volume down button mutes the ringer.

If the incoming call is from a number stored in your Contacts, the entry's name displays. You may also see the caller's phone number, if available.

Touch and slide in any direction to answer the call

Touch and drag upward to reject with a message

Touch and slide in any direction to reject the call
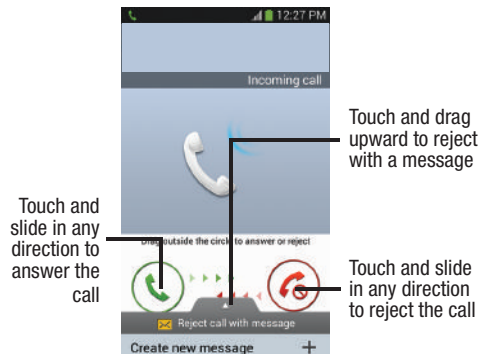
Managing Reject Calls

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

1. From the Home screen, tap [icon].

2. Press [icon] and then tap **Call settings ➔ Call rejection**.

3. Tap the **Auto reject mode** field to configure your automatic rejection settings. Rejected calls are routed automatically to your voicemail. Choose from:
   - **Off**: disables the auto rejection feature.
   - **All numbers**: enables the features for all known and unknown numbers, including those contacts that are not assigned to the rejection list.
   - **Auto reject numbers**: automatically rejects all entries assigned to the Reject list/Blacklist.

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Adding numbers to the rejection list

Entries can be added to the list via either the Contacts menu or via the Auto reject list menu. The Contacts menu option assigns all numbers for an individual as rejected. The Auto reject list allows to assign individual numbers.

To assign multiple numbers as rejected via Contacts:

1. From the Home screen, tap 👤 (**Contacts**).
2. Locate an entry and tap it to open the Contact Overview Screen (page 96).
3. Press ▤ and then tap **Add to reject list**. All phone numbers associated with this entry are then added to the reject list.

To assign single number as rejected via Auto reject list:

1. From the main **Call settings** page, tap **Call rejection ➔ Auto reject list**.
2. Tap ➕ (**Create**) and either enter the phone number or select a Contact from your Logs or Contacts list.
3. Tap **Save** to complete the assignment.

International Calls

1. From the Home screen, tap 📞 and then touch and hold ⌈ 0 + ⌉ until the device shows "+" on-screen.
2. Use the on-screen keypad to enter the country code, area code, and phone number.
3. If you make a mistake, tap ⌫ once to delete a single digit.

    – or –

    Touch and hold ⌫ to delete all digits.

4. Tap 📞.

Pause Dialing

You can dial or save phone numbers with pauses for use with automated systems, such as voicemail or financial phone numbers.

- **2-Second Pause** automatically sends the next set of numbers after a two-second pause. This is indicated in the number string as a comma (**,**).

    1. From the Home screen, tap 📞 and use the on-screen keypad to enter the phone number.
    2. Press 🔲 and then tap **Add 2-sec pause**. This feature adds an automatic two-second pause.
    3. Use the keypad to enter the additional numbers that are dialed automatically after the second pause.

Tip: You can create pauses longer than three seconds by entering multiple 2 second pauses.

    4. Tap 📞 .

Wait Dialing

Inserting a Wait into your dialing sequence means that the phone waits until it hears a dial tone before proceeding with the next sequence of numbers.

- **Wait** sends the next set of numbers only after tapping **Yes**. This is indicated in the number string as a semicolon (**;**).

Note: Do not add multiple Waits (;) to a number string as this will continue to prompt you after each sequence.

    1. From the Home screen, tap 📞 and use the on-screen keypad to enter the phone number.
    2. Press 🔲 and then tap **Add wait**. This feature causes the phone to require your acceptance before sending the next set of entered digits.
    3. Tap 📞 .
    4. Once prompted to **Send the following tones?**, tap **Yes** to dial the remaining digits.

Redialing the Last Number

The device stores the numbers of the calls you've dialed, received, or missed if the caller is identified.

To recall any of these numbers:

1. From the Home screen, tap [icon].
2. Tap the [Logs icon] (**Logs** tab) to display the list of recent calls.
3. Tap the name/number and tap [icon].

Speed Dialing

Once you have stored phone numbers from your Contacts List, you can set up to 99 speed dial entries (2-100) and then dial them easily whenever you want, simply by touching the associated numeric key.

Note: Speed dial location #1 must be reserved for Voicemail use.

Setting Up Speed Dial Entries

Important! Speed dial location #1 is reserved for Voicemail. No other number can be assigned to this slot.

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1. From the Home screen, tap [icon] ➔ [Keypad icon] (**Keypad** tab).
2. Press [icon] and then tap **Speed dial setting**. The **Speed dial setting** screen displays a virtual list of locations with the numbers 2 through 100.
3. Tap an unassigned number slot. The **Select contact** screen displays.
4. Tap a contact and select a number to assign it to the speed dial location. The selected contact number/image displays in the speed dial number box.

Changing a Speed Dial Entry Order

1. From the Home screen, tap 📞 ➔ **Keypad** tab.
2. Press 📵 and then tap **Speed dial setting**.

Important! The number 1 is reserved for Voicemail and another number cannot be assigned to this slot.

---

3. Press 📵 and then tap **Change order**.
4. Tap the current entry then tap the new target speed dial location.

Note: Tapping 2 existing speed dial locations causes the entries to switch positions.

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5. Tap **Done**. to store the change.
6. Press ⬅ to return to the previous screen.

Removing a Speed Dial Entry

1. From the Home screen, tap 📞 ➔ **Keypad** tab.
2. Press 📵 and then tap **Speed dial setting**.
3. Touch and hold a existing on-screen speed dial location and select **Remove** from the context menu.

   – or –

   Press 📵 and then tap **Remove**. Tap an entry and select ✖ (**Remove entry**). Select either **Done** (to complete the deletion) or **Cancel** (to exit).
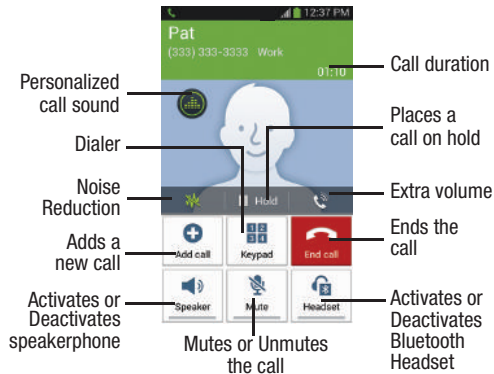4. Press ⬅ to return to the previous screen.

Making a Call Using Speed Dial

You can assign a short cut number to a phone number in the Contacts List for speed dialing.

1. From the Home screen, tap 📞.
2. Touch and hold a previously created speed dial location (numbers 2-100, or 1 if you are dialing voice mail) until the number begins to dial.
3. If you are not certain of the speed dial location, tap 📞 ➔ 📵 ➔ **Speed dial setting** and tap a speed dial number to view the assigned phone number.

In Call Options

Your device provides a number of features that are available for use during a call.

Personalized call sound

Dialer

Noise Reduction

Adds a new call

Activates or Deactivates speakerphone

Call duration

Places a call on hold

Extra volume

Ends the call

Mutes or Unmutes the call

Activates or Deactivates Bluetooth Headset

Note: Noise reduction and Extra volume features are disabled while using Wi-Fi Calling.

Adjusting the Call Volume

During a call, use the Volume keys on the left side of the device, to adjust the earpiece volume.

■ During a call, press the **Up** volume key to increase the volume level and the **Down** volume key to decrease the level.

– or –

Adjust the audio by enabling selecting an audio preset. Tap the on-screen **Personalize call sound** button select an equalizer setting for the incoming call.

• Enabled/disabled via the Call settings menu (**Call settings ➔ Personalize call sound**). For more information, refer to *"Configuring General Call Settings"* on page 292

– or –

Quickly add more volume to the incoming audio by tapping the on-screen **Extra volume** button

From the Home screen, you can also adjust the ring volume using these keys.

Adjusting Noise Reduction

During a call it may be necessary to adjust the noise reduction feature. Activating this feature can improve the quality of your conversation by reducing ambient noise.

1. Tap (**Noise reduction off**) to toggle the status and activate the feature.
2. Tap (**Noise reduction on**) to toggle the status and deactivate the feature.

Personalizing the Call Sound Setting

During a call it may be necessary to adjust the sound of the incoming call by selecting an audio equalizer setting for the current call.

1. Tap (**Personalize call sound**).
2. Confirm the option is enabled .

Note: If prompted to enable the feature via the Call settings menu, go to **Call settings** ➔ **Personalize call sound**.

3. Select an available option.
   Choose from: Adapt Sound, Soft sound, Clear sound, and Off.

Placing a Call on Hold

You can place the current call on hold whenever you want. If your network supports this service, you can also make another call while a call is in progress.

To place a call on hold:

1. Tap **Hold** to place the current call on hold.
2. Tap **Unhold** to activate the call that is on hold.

To make a new call while a call is in progress:

1. Enter the new phone number that you wish to dial or look it up in Call history.
2. Once connected, tap **Add call** to dial the second call.
3. Dial the new phone number and tap .

To switch between the two calls:

- Tap **Swap**.
  The previous In call number turns gray and displays On hold. The new active call displays a green background behind the number.

Turning the Speakerphone on and off

While on a call, you can use your Speakerphone by following these steps:

1. Tap ![Speaker off icon] (**Speaker off**) to toggle the speakerphone on.

2. Tap ![Speaker on icon] (**Speaker on**) to toggle the speakerphone off.

Tip: When the speaker is turned **On**, the color of the speaker is green. When the speaker is turned **Off**, the color of the speaker is white.

Muting a Call

1. Tap ![Mute off icon] (**Mute off**) to turn mute on so the other caller cannot hear you speaking.

2. Tap ![Mute on icon] (**Mute on**) to turn mute off and resume your conversation.

Switching to Bluetooth Headset

1. Pair the target Bluetooth headset prior to your call.

2. While on a call, switch to the Bluetooth headset instead of speaker by tapping ![Headset off icon] (**Headset off**).

3. At the prompt, tap **OK** to enable Bluetooth if it is not already activated.

4. While on a call, switch back to the device speaker by tapping ![Headset on icon] (**Headset on**).

More In-call Options

During a call you can save the current caller's information to the Contacts list, or create a Memo.

Viewing the Contacts List

During a call you can look up a number in the Contacts list.

1. Press ![menu icon] and then tap **Contacts**.

2. Browse the Contacts list for the information you need.

3. Press ![back icon] to return to the active call.

Creating a Memo During a Call

During a call it may be necessary to record information (a Note).

1. Press ▤ and then tap **Memo**.
2. Use the keyboard to enter the note then tap **Save**.

Creating a Message During a Call

During a call you can create a message.

1. Press ▤ and then tap **Message → ☑** (**Compose**).
2. Address and create the message.
3. Review your message and tap ☒ (**Send**).

Multi-Party calls
Making a Multi-Party Call

A multi-party call is a network service that multiple people to participate in a multi-party or conference call.

For further details about subscribing to this service, contact Customer service.

Setting up a Multi-Party Call

1. From the Home screen, tap 📞.
2. Dial the number for the first participant and tap 📞.
3. Once connected, tap **Add call**, enter the second phone number and tap 📞. The first caller is placed on hold.
4. Wait for the second caller to answer the incoming call and tap **Merge**. The two calls are now joined into a multi-party call and display in the order in which they were called.

Important! Multiple callers can be joined to a single multi-party line. Additional callers participate in a new Multiparty session and are held in conjunction with the previous multiparty call. You can swap or place each multi-party call on hold.

Having a Private Conversation With One Participant

Note: The Manage conference call option is not available for multi-party calls created while using the Wi-Fi Calling feature. You must be on the cellular network to use the manage feature.

When you have two participants in a multi-party session, it might be necessary to place one of those participants on hold so that a private conversation can be held with a single caller. While you are in a multi-party call:

1. Press [icon] and then tap **Manage conference call**.

2. Tap [icon] (**Split Caller**) adjacent to the participants you would like to split from the current multi-line call. The list displays the callers in the order they were dialed.

Note: The option is not available for multi-party calls created while using the Wi-Fi Calling feature. You must be on the cellular network to use the manage feature.

3. Tap the participant to which you want to speak privately.
   You can now talk privately to that person while the other participants can continue to converse with each other. If there is only one other participant, that person is placed on hold.

4. To return to the multi-party call, tap the **Merge** icon. All of the multi-party call participants can now hear each other.

Dropping One Participant

1. Press ▤ and then tap **Manage conference call ➔** End to the right of the number to drop.
   The participant is disconnected and you can continue the call with the other participant.

2. Tap 📞 to end your conversation with the remaining caller.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have previously set the Call waiting option to **Activate**.

You are notified of an incoming call by a call waiting tone. For more information, refer to *"Configuring Additional Voice Call Settings"* on page 265

To answer a new call while you have a call in progress:

1. In a single motion, touch 📞 and slide it in any direction to answer the new incoming call.

2. Tap an option from the Accept call after menu:
   • **Putting xxx on hold** to place the previous caller on hold while you answer the new incoming call.
   • **Ending call with xxx** to end the previous call and answer the new call.

Note: The new caller appears at the top of the list. The previous caller is placed on hold and appears at the bottom of the list.

3. Tap **Swap** to switch between the two calls. This places the new caller on hold and activates the previous call.

Important! The currently active call displays with a green background.

4. Tap **Swap** again to switch back.

Using S Voice

This is a voice recognition application used to activate a wide variety of functions on your device. This is a natural language recognition application.

This goes beyond the Google Search Voice Actions feature that simply recognizes Google commands and search terms. You can ask it questions (Is it raining in Dallas?) or give it commands (Show me where to find cheap gas).

1. From the Home screen, tap ▦ **Apps** ➔ (**S Voice**).

2. Read the on-screen disclaimer information and tap **Confirm** to continue.

3. Review the Terms of Service and tap **Agree** to continue.

4. Navigate through the following on-screen tutorial screens by reading the information and tapping **Next**, or tap **Skip** to continue without reading the information.

5. Wake up the application by repeating the phrase **Hi Galaxy**.

Note: The wake-up command/phrase can be changed from "Hi Galaxy" to anything else.

6. Tap (**Speak**) if the device does not hear you or to give it a command.

Example 1:
- I want to find the best pizza online.
- Tap and say "Find me the best Pizza". This launches an Internet search.

Example 2:
- I want to go to Cambridge.
- Tap and say "Navigate to Cambridge". This launches the Map application and indicates where this is in relation to your current position.

Logs Tab

The Logs tab is a list of the phone numbers (or Contacts entries) for calls you placed, accepted, or missed. The Logs tab makes redialing a number fast and easy. It is continually updated as your device automatically adds new numbers to the beginning of the list and removes the oldest entries from the bottom of the list.

The Notification area of the Home screen (upper left) displays phone notifications, status, or alerts such as:

Displays when a call is in progress.

Displays when a call was missed.

Accessing the Logs Tab

1. From the Home screen, tap **[image]** ➔ **[image]** (**Logs** tab).
2. Tap an entry to view available options.

Note: The Logs tab only records calls that occur while the phone is turned on. If a call is received while it is turned off, it will not be included in your calling history.

Each entry contains the phone number (if it is available) and Contacts entry name (if the number is in your Contacts).

Indicates all outgoing calls made from your device.

Indicates any received calls that were answered.

Indicates a missed call.

Indicates any received calls that were rejected.

Indicates auto rejected calls.

Accessing Call log from The Notifications Area

1. Locate 📵 from the Notifications area of the Status bar.

2. Tap the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.

3. Tap the Missed call entry to open the Logs screen.

This list provides easy access to redial an entry, or you can also choose to access two types of history entry lists depending on how they are touched.

Call logs - Caller Overview

- Tap a contact entry name or number to reveal the **Call options** screen:
    - **Create contact** to save the number if it is not already in your Contacts.
    - **View contact** to view the Contact details for the current entry.
    - **Update existing** to update an existing Contacts entry with the current number.
    - **Call** allows you to redial the entry by name or number.
    - **Send message** allows you to create a new text message to the selected entry.

- **Time** provides the time and date of the call and its duration.

- **View more** to view additional log information from the current entry.

- **Copy to dialing screen** press 🔲 to pass the current number to your dialer and then edit the selected number before you place your next outbound call.

- **Delete** press 🔲 to delete the Contacts entry.

- **Send number** press 🔲 to send the current Contacts entry information to an external recipient.

- **Add to reject list** press 🔲 to add the current phone number to an automatic rejection list. Similar to a block list, the selected caller are blocked from making an incoming calls to your phone.

- Touch and hold an entry to display the entry-specific context menu:
    - **Copy to dialing screen** to make alterations to the current phone number prior to redial.
    - **Add to contacts** to save the number if it is not already in your Contacts.
    - **Send number** to send the current Contacts entry information to an external recipient.

- **View contact** to view the information for the currently stored Contacts entry.
- **Add to reject list** to add the current phone number to an automatic rejection list. Similar to a block list, the selected caller is blocked from making an incoming calls to your phone.
- **Delete** to delete the entry from the Logs list.

Altering Numbers from the Logs List

If you need to make a call from the Logs screen and you need to alter the number prior to dialing, you can add the appropriate prefix by prepending the number.

1. From the Home screen, tap [phone icon] ➔ **Logs** tab.
2. Touch and hold an entry to access the entry-specific context menu.
3. Tap **Copy to dialing screen**.
4. Edit the number using the on-screen keypad or delete digits by pressing [backspace icon] to erase the numbers.
5. Tap [call icon] once the number has been changed.

Erasing the Call logs List

You can delete either an individual call log entry or all current entries from the Logs list.

To clear a single entry from the list:
1. From the Home screen, tap [phone icon] ➔ **Logs** tab.
2. Touch and hold an entry and select **Delete ➔ Delete**.

To clear all entries from the list:
1. From the Home screen, tap [phone icon] ➔ **Logs** tab.
2. Press [menu icon] and then tap **Delete.**
3. Tap **Select all**.
4. Tap **Delete ➔ Delete** to continue with the erasure.
   – or –
   Tap **Cancel** to stop the current process.

Call Duration

1. From the Home screen, tap 📞 ➔ **Logs** tab.
2. Press ▤ and then tap **Call duration**.
3. The following times are displayed for Voice and Data:
   • **Last call**: shows the length of time for the last call.
   • **Dialed calls**: shows the total length of time for all calls made.
   • **Received calls**: shows the total length of time for all calls received.
   • **All calls**: shows the total length of time for all calls made and received.

   You may reset these times to zero by pressing ▤ then tapping **Reset**.

Viewing Missed Calls from Lock Screen

When you are unable to answer a call for any reason and your screen is locked, the number of missed calls are displayed on the Lock screen immediately after a call is missed.

1. Press ▭ (**Power/End**) to reactivate the screen.
2. Touch and drag the button (with the number of missed calls on it) anywhere on the screen. The Logs tab is then displayed.

Section 4: Entering Text

This section describes how to select the desired text input method when entering characters into your device. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your device comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Your device also provides several on-screen keypad text entry options to make the task of text entry that much easier.

Text Input Methods

There are three text input methods available:

- **Google voice typing**: provides a voice to text interface.
- **Samsung keyboard** (default): an on-screen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **Swype**: is enabled so as you can enter text as you swipe across the on-screen keyboard. Instead of tapping each key, use your finger to trace over each letter of a word.

The on-screen QWERTY keypad works the same in both portrait and landscape mode.

Selecting the Text Input Method

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

Settings Menu:

- From the Home screen, press ▤ and then tap **Settings** ➔ 🖳 **My device** tab ➔ **Language and input** ➔ **Default** and select an input method.

Text Input field:

1. From a screen where you can enter text, in a single motion, touch and drag the Status bar down to the bottom of the screen to open the Notifications screen.

2. Tap ▦ (**Select input method**) and select an available input method.

Entering Text Using Swype

Swype™ is the default 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 touch predictive text system.

The on-screen keyboard options are different between the Android keyboard and Swype on-screen input methods.

Note: During its initial use, you may be prompted by a series of Swype Connect set up screens. Follow the initial on-screen set up instructions.

Enabling and Configuring Swype

If you configure another text input method (Samsung keyboard) you must re-enable Swype before using the Swype keyboard.

For more detailed information on configuring Swype settings, see *"Swype Settings"* on page 278.

When Swype is enabled there can also be normal keyboard functionality.

1. From the main **Settings** page, tap **My device** tab ➔ **Language and input**.
2. Tap **Default** ➔ **Swype**.

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

Selecting a Text Input Mode in Swype

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.

2. With Swype as your text entry method, select one of the following text mode options:

   • **ABC** Edit ABC to use Swype with alphanumeric characters from the on-screen keyboard.

   • **SYM** (Symbol) 123 +!= to enter numbers and symbols from the on-screen keyboard.

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

Swype Keyboard Overview

• **Recipients**: a field where you can enter the recipients of the current message. You can choose from **Groups**, **Favorites**, **Contacts**, or **Logs**.

• **Text Input field**: a field where text, number, or other characters can be entered.

• **CAPS/ALT key**: When in 123ABC mode, this key changes the capitalization of the subsequent entered characters. When in SYM mode, this key can show additional symbol characters.

• **SWYPE settings**: Touch and hold this button to access the Swype settings screen.

• **Text Input mode**: There are two available modes: **123ABC** and **SYM.**
  – 123ABC mode contains alphanumeric characters and a few common punctuation marks. Text mode button indicates **SYM**.
  – SYM mode contains only symbols and numbers. Text mode button indicates **123ABC**.

Recipients — Enter recipient

Text input field — This device is great

Suggestions — great Grady gray Gray reat

Current Mode

CAPS/ALT key

Delete

SWYPE Settings

Text Input mode

Using 123ABC Mode in SWYPE

In **123ABC** mode, you can enter only letters and a few common punctuation marks from the on-screen keyboard. The text mode key shows $\boxed{\begin{smallmatrix}123\\+!=\end{smallmatrix}}$.

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.

2. Tap $\boxed{\begin{smallmatrix}\text{Edit}\\\text{ABC}\end{smallmatrix}}$ to configure the keyboard for 123ABC mode (showing letters and numbers on the on-screen keys). Once in this mode, the text input type shows $\boxed{\begin{smallmatrix}123\\+!=\end{smallmatrix}}$.

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

3. Swipe your finger continuously over the letters to form a word.

– If you make a mistake, tap ⟨✕⟩ to erase a single character. Touch and hold ⟨✕⟩ to erase an entire word.

4. Tap 📧 (**Send**) to deliver the message.
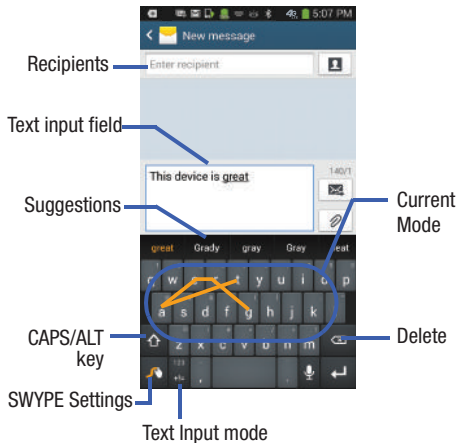
All lowercase

Displays when the next character is entered in lowercase. Pressing this while in 123SYM mode, reveals additional numeric-symbols keys.

Initial Uppercase

Displays when the first character of each word is entered as uppercase but all subsequent characters are lowercase.

All Uppercase

Displays when all characters are entered as uppercase characters.

By default, the first letter of an entry is capitalized and the following letters are lower case. After a word is entered and you lift your finger, the cursor automatically adds a space after the word.

Note: If multiple word choices exist for your Swype entry, an on-screen popup appears to provide additional word choices.

Entering Numbers and Symbols in SWYPE

By using the on-screen keyboard in portrait mode, some symbols are not available (such as Emoticons or Smileys). In SYM mode using Swype, you can only enter symbols and numbers from the on-screen keyboard.

Once in SYM mode, the text mode key shows `Edit ABC`.

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.

2. Tap `123 +!=` to configure the keyboard for SYM mode. Once in this mode, the text input type shows `Edit ABC`.

3. Tap the on-screen key for the number or symbol you want to enter.

4. Tap `1 2` to select from additional symbols.

For example:

• To enter ®: tap `123 +!=` → `1 2` and select the ® key.

Using the Samsung Keyboard

This QWERTY keyboard can be used to enter text in either a Portrait or landscape orientation. The only difference between the two orientations are the sizes of the keys.

From a screen where you enter text, rotate your phone counterclockwise to a landscape orientation. The on-screen QWERTY keyboard displays.

The Samsung Keyboard

This device has a built-in, QWERTY keypad (portrait mode) or keyboard (landscape mode). Using the QWERTY keypad/keyboard, you can type letter, numbers, punctuation, and other characters.

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

1. From the Home screen, press 🔲 and then tap **Settings** ➔ 🔲 **My device** tab ➔ **Language and input** ➔ **Default** ➔ **Samsung keyboard**.

 – or –

 From a screen where you can enter text, touch and drag the Status bar down to the bottom of the screen, then select ▦ (**Select input method**) ➔ **Samsung keyboard**.

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

Shift key — Text input field — Send

Input Mode Indicator — Input Options /Settings — Current Mode — Delete
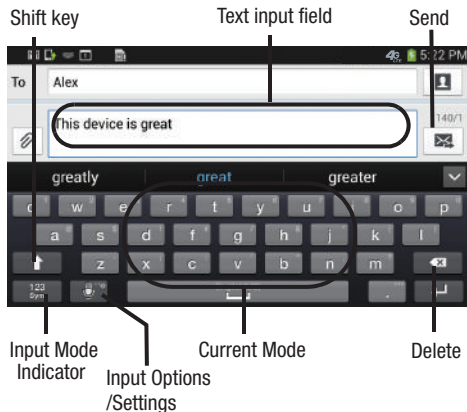
For more detailed information on configuring Samsung Keyboard settings, see *"Samsung Keyboard Settings"* on page 276.

Entering Text using Different Input Options

Although the default text input method with the Samsung keyboard is to use the on-screen keys you have other options.

Note: To access settings, touch and hold the **Input Methods** button 🎤, then tap ⚙️ (**Settings**) then select it from the available options.

1. From within an active message, tap the text input field to reveal the on-screen keyboard.
2. Tap 🎤 (**Input Methods**) to use the default Voice typing input method to convert your spoken words to on-screen text.

   – or –

   Touch and hold 🎤 to select from other input methods such as:

   • **Voice** to launch Google Voice.
   • **Clipboard** to launch the device's clipboard area from where you can select a current clipboard item to place in your current message.
   • **Settings** to access the Samsung keyboard settings menu.

Changing the Text Input Mode in Keyboard

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

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

⬆ **All lowercase**

Displays when the next character is entered in lowercase.

⬆ **Initial Uppercase**

Displays when the first character of each word is entered as uppercase but all subsequent characters are lowercase.

⬆ **All Uppercase**

Displays when all characters are entered as uppercase characters.

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

Using ABC Mode in Samsung Keyboard

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.

2. Tap ABC to configure the keyboard for ABC mode. Once in this mode, the text input type displays 123 Sym.

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

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

4. Tap ✉ **Send** to deliver the message.

Using Symbol/Numeric Mode

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

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard. Rotate the phone counterclockwise to a landscape orientation, if desired.

2. Tap `123 Sym` to configure the keyboard for Symbol mode. Once in this mode, the text input type shows `ABC`.

3. Tap a number, symbol, or emoticon character.

4. Tap `ABC` to return to ABC mode.

To enter symbols:

1. Tap `123 Sym` to configure the keyboard for Symbol mode.

2. Tap the appropriate symbol key.

   – or –

   Tap `1/2` button to cycle through additional pages.

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

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Using the Google Voice Typing

This feature uses Google voice recognition to convert your spoken words into on-screen text.

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

1. From the keyboard, touch the top of the screen and drag it down to display your notification panel.

2. Tap 🞐 (**Select input method**) ➔ **Google voice typing**.

3. At the Listening prompt 🎤 (**Speak now**), speak clearly and distinctly into the microphone.
   The text displays in the message as you are speaking.

For more detailed information on configuring Google Voice Typing settings, see *"Configure Google Voice Typing"* on page 275.

4. Tap 🎤 (**Done**) when you are finished.

   – or –

   Tap 🎤 (**Resume**) to resume recognition.

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

Using Google Voice Typing

1. From a screen where you can enter text, in a single motion, touch and drag the Status bar down to the bottom of the screen, then select ▦▦▦ (**Select input method**) ➔ **Google voice typing**. The virtual keyboard is then removed and all subsequent input to done using the microphone as text to speech.

2. Speak into the device's microphone and watch your text as it is entered on-screen.

3. Tap **DELETE** if the text is incorrect.

Section 5: Accounts and Contacts

This section explains how to use and manage your Contacts List. You can save phone numbers to your phone's memory.

Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. Sign in to your Google account.
2. From the Home screen, press 🔲 and then tap **Settings → 🛠 Accounts** tab and then navigate to the **My accounts** area.

Note: The Accounts area lists those accounts that were added to the device and provides an **Add account** button to quickly and easily add new ones.

Contacts List

Creating a Contact

The default storage location for saving phone numbers to your Contacts List is your device's built-in memory.

If existing Google and Corporate email accounts were synchronized to your phone, these accounts are available to your device during the creation of new entries. These new Contacts entries can be assigned or saved to synced accounts such as Phone, SIM, Google, or Corporate.

Your device automatically sorts the Contacts entries alphabetically. You can create either a **Device**, **SIM**, **Samsung account**, **Google**, or **Microsoft Exchange ActiveSync** contact.

Important! The Google and Microsoft Exchange ActiveSync account types are only visible after creating an email account of those types on your phone.

• **Device** contacts are stored locally on the device.

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

- **SIM** contacts are stored onto the micro SIM Card.

Note: SIM contacts only store the Name and Phone number for an entry.

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

Note: When storing an entry onto your micro SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, email, dates, etc., it is important to save that Contact into your phone's onboard memory.

1. From the Home screen, tap 🔳 (**Contacts**).
2. Tap 🔳 to create a contact.

Note: You can also add a new contact by entering a number from the keypad and pressing 🔳 and then tap **Add to Contacts → Create contact**. Continue with step 3.

3. Tap a destination type (**Device**, **SIM**, **Samsung account**, **Google**, or **Microsoft Exchange ActiveSync**) (depending on where you want to save the new contact information).

4. Tap the **Name** field and enter a name for this contact using the displayed keypad.
   • Tap $\vee$ to access additional name entries such as: Name prefix, First name, Middle name, Last name, and Name suffix.
5. Tap the image icon and select a photo for this contact. Selections are: **Image**, **Pictures by people**, or **Take picture**.

Note: The label entries below can change and are dependant on the selected destination type (ex: the Other and Custom might not display with an Exchange ActiveSync account destination type).

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6. Tap the label button (to the left of the **Phone** field) and scroll through the list to select a category such as **Mobile**, **Work**, **Home**, **Main**, **Work Fax**, **Home Fax**, **Pager**, **Other**, or **Custom**.
7. Tap a phone number field and enter a phone number.
   • Tap $\boxed{\times}$ on the QWERTY keyboard to remove a previously entered phone number.
   • Tap $\oplus$ to enter an additional phone number
   • Tap $\ominus$ to remove a previously entered phone number.

8. Enter additional information such as: **Groups**, **Ringtone**, **Message alert**, **Vibration pattern** or tap **Add another field** to input additional category information.
   • **Add another field** contains the following options: Phonetic name, Organization, Email, IM, Address, Notes, Nickname, Website, Events, or Relationship.
9. Tap **Save** to complete and store the new entry.
   – or –
   Tap **Cancel** to delete the current entry.

To save a Number from your Keypad:

1. From the Home screen, tap 📞 (**Phone**).
2. Enter a phone number using the on-screen dialpad.
3. Tap **Add to Contacts ➔ Create contact** or select the Contact entry from the on-screen list.
   – or –
   Press 🔳 and then tap **Add to Contacts ➔ Create contact** or select the Contact entry from the on-screen list.

   If you are updating an existing contact, tap the entry from the list and proceed to step 5.

4. Tap a destination type (**Device**, **SIM**, **Samsung account**, **Google**, or **Microsoft Exchange ActiveSync**) (depending on where you want to save the new contact information).

5. Tap the **Name** and enter a name for this contact using the displayed keypad.
   - Tap ⌄ to access additional name entries such as: Name prefix, First name, Middle name, Last name, and Name suffix.

6. Tap the image icon and select a photo for this contact. Selections are: **Image**, **Pictures by people**, or **Take picture**.

Note: The label entries below can change and are dependant on the selected destination type (ex: the Other and Custom might not display with an Exchange ActiveSync account destination type).

7. Tap the label button (to the left of the **Phone** field) and scroll through the list to select a category such as **Mobile**, **Work**, **Home**, **Main**, **Work Fax**, **Home Fax**, **Pager**, **Other**, or **Custom**.

8. Enter additional fields as desired.

9. Tap **Save** to complete and store the new entry.
   – or –
   Tap **Cancel** to delete the current entry.

Note: For further details about how to enter characters, see *"Text Input Methods"* on page 77.

Finding a Contact

You can store phone numbers and their corresponding names onto either your SIM card, your phone's built-in memory, or an external location (such as Google, or Exchange). They are all physically separate but are used as a single entity, called Contacts.

Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

1. From the Home screen, tap 🔲 (**Contacts**).
2. Swipe up or down until the contact displays.

   – or –

   Tap the **Search** field and begin entering the entry's name. Matching entries are then displayed. This process filters through all of your current account Contact entries to only show you the matching entries.

   – or –

   Touch and hold the letter tab area (on the right) until on-screen letters display, then scroll through the list. You are then taken to that section of the Contacts list. Touch the contact entry.

Tabs

Search Contacts field

Contacts

Create Contacts

Tabbed Navigation
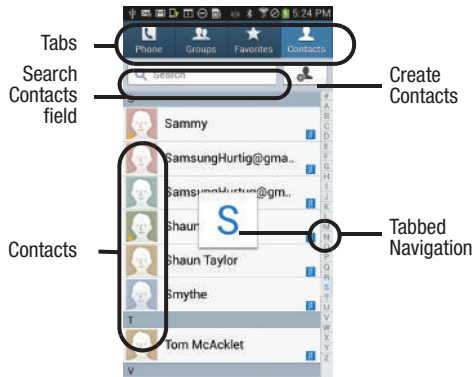
Editing Contact Information

1. From the Home screen, tap 🔲.

2. Tap a contact name from the list and tap 🖊 (**Edit**).

    – or –

    Select a contact name and press 🔲 and then tap **Edit**.

    – or –

    Touch and hold a Contacts entry from the main Contacts list and then tap **Edit**.

3. Edit the contact information then:

    • Tap **Save** to complete and store the new entry or

    • Tap **Cancel** to delete the current entry.

Adding a Number to an Existing Contact

1. From the Home screen, tap 🔲.

2. Touch and hold an entry and select **Edit** to reveal the Contact entry's details screen.

3. Tap a phone number field and enter a phone number.

    • Tap ⌫ on the QWERTY keyboard to remove a previously entered phone number.

    • Tap ⊕ to enter an additional phone number

    • Tap ⊖ to remove a previously entered phone number.

4. Enter additional information such as: **Groups**, **Ringtone**, **Message alert**, **Vibration pattern** or tap **Add another field** to input additional category information.

    • **Add another field** contains the following options: Phonetic name, Organization, Phone, IM, Notes, Nickname, Website, Events, or Relationship.

5. Tap **Save** to complete and store the new entry.

    – or –

    Tap **Cancel** to delete the current entry.

Adding a Pause or Wait to an Existing Contact

1. From the Home screen, tap [icon] and use the on-screen keypad to enter a new phone number.

2. Press [icon] and then tap **Add 2-sec pause**. This feature adds an automatic two-second pause.

   – or –

   Press [icon] and then tap **Add wait**. This feature causes the phone to require your acceptance before sending the next set of entered digits.

3. Tap **Add to Contacts ➔ Update existing**.

4. Scroll through the available list of existing entries and select the desired target.

Note: This new phone number is then added as a new number to the selected entry.

5. Tap the label button (to the left of the new phone number) and scroll through the list to select a category type.

6. Tap **Save** to store and update the entry.

Deleting Contacts

Important! Once Contacts list entries are deleted, they cannot be recovered.

1. From the Home screen, tap [icon].

2. Touch and hold a contact name from the list and select **Delete ➔ OK**.

Contact List Options

1. From the Home screen, tap 🔲.
2. Press 🔳. The following options display:
   • **Delete**: allows you to delete 1 or more of your contacts.
   • **Import/Export**: imports or exports contacts to or from the USB storage location, SIM card or SD card.
   • **Share namecard via**: allows you can to send namecards via methods such as Bluetooth, Email, Gmail, Messages, or Wi-Fi Direct.
   • **Merge accounts**: allows you to merge all of your current Contact entries with either your active Google or Samsung account. If several of your contacts are from other external sources, this allows you to "back them up" or copy them to your Samsung account. Tap **OK** to continue or **Cancel** to exit.
   • **Speed dial setting**: allows you to set up speed-dialing.
   • **Send message/email**: allows you to send a text /picture message or an email using your Google account.
   • **Contacts to display**: allows you to choose to display All contacts, those on your Device, SIM card, Samsung account, Gmail, or only display contacts that are part of a Customized list.

• **Settings**: allows you to configure where you save new contacts to, or view your service numbers, or send contact information. Options include: Only contacts with phones, List by, Display contacts by, Service numbers, Contact sharing settings, and Accounts.

• **Help**: provides an on-screen Help file that covers most high level topics for Contacts.

Contact Menu Options

1. From the Home screen, tap 🔲 .

2. Touch and hold an entry to reveal the context menu. The following options display:
   • **Edit**: allows you to edit the currently selected Contacts entry.
   • **Delete**: allows you to delete the currently selected Contacts entry.
   • **Link contact**: allows you to link the current contact to another current contact. Similar to a "see also" feature. If you can't remember a contact's information, linking entries can help you find the person you are looking for.
   • **Share contact via message**: allows you to send the current entry info via text message.
   • **Add to favorites**: allows you to copy the current Contacts entry to the list within the Favorites tab.
   • **Remove from favorites**: allows you to remove the current Contacts entry from the Favorites tab.
   • **Add to group**: allows you to add the current Contacts entry to an existing group.

   • **Add to reject list/ Remove from reject list**: allows you to add or remove the current Contacts entry to a list of automatically rejected incoming phone numbers.

Note: If an entry does not have a phone number, the reject list option will not display.

   • **Share namecard via**: allows you to send the current Contact entry's information to an external recipient via either **Bluetooth**, **Dropbox** (if enabled), **Email** (Exchange or Internet), **Gmail**, **Messages**, or **Wi-Fi Direct**.
   • **Print contact info**: allows you to print selected information on a compatible Samsung printer.
   • **Add shortcut to home**: adds a shortcut to the current Contacts entry to an available screen location.

Contact Entry Options

1. From the Home screen,
   tap 🧑.
2. Tap an entry to reveal the **Contact entry's Overview Screen**. This screen contains Name, contact numbers, email, and linked contact information.
3. Press 📰 to reveal the context menu specific to this entry.
4. Tap an available option.

Linking Contact Information

Most people maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts. When you synchronize your phone with those accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Video! chat account, when you merge those accounts into your Contacts list you can link all of her entries and view the information in one record.

Linking contact information makes sending messages easy. You can select any account email address or information all from one screen, versus searching multiple, individual screens to locate the desired account information.

Next time you synchronize your device with your accounts, any updates contacts make to email account names, email addresses, etc. automatically update in your contacts list.

1. From the Home screen, tap 👤 .
2. Tap a contact name (the name you want to link to another entry) to reveal the **Contact entry's Overview Screen**.

Note: Typically this is the same contact with a different name or account information.

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3. Press 🔲 and then tap **Link contact**.
4. Tap the second contact entry (the entry in which to link). The second contact is now linked with the first and the account information is merged into one screen.

   The first contact image displays for both entries, and the first contact's name is used.

   For example: If Amy (original entry) is joined with Julie (second entry). Julie seems to disappear and only Amy remains. Tap the Amy entry (showing the Amy image) to view both.

5. Tap the main linked contact to view the contact information you linked. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unlinking a Contact

1. From the Home screen, tap 📇 .
2. Tap a contact name (the account name from which you want to unjoin an entry). This reveals the details for entry.

Note: Typically this is the same contact with a different name or account information.

3. Tap the **Connection** area.

   – or –

   Press 📧 and then tap **Separate contact**.

4. Tap ⊖ next to the entry you want to unlink and select **OK**. The contacts are "unlinked" or separated and no longer display in the merged record screen. Both contacts display separately.

Marking a Contact as Default

When you use applications such as the Voice Dialer or other messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, when you say "Call John Smith", if you have three phone records for John Smith, the Voice dialer is looking for the "default" number or entry.

The **Mark as default** option marks one entry in a contact record to use as the default. This comes in handy when you have multiple entries for the same person.

1. From the Home screen, tap 📇 .
2. Tap a Contact entry.
3. Press 📧 and then tap **Mark as default**. The Mark as default screen displays radio buttons next to the contact name, phone number, or other contact information.
4. Tap the radio button next to the entry information you want to be the primary information (such as name, phone number, or email) and select **Done**.

Note: If there are multiple phone numbers assigned to an entry, assigning a number as the default means that the default number is automatically dield when you initiate a call.

Sending a Namecard

A Namecard contains contact information, and can be sent to recipients as a Virtual Business Card (V-card) attachment using Bluetooth, Google Mail, or as a message.

1. From the Home screen, tap 🔲.
2. Tap a Contact entry.
3. Press 🔲 and then tap **Share namecard via** and select a delivery method: **Bluetooth**, **Dropbox** (if enabled), **ChatON**, **Email** (Exchange or Internet), **Gmail**, **Messages**, or **Wi-Fi Direct**. The Namecard attaches to the selected message type and is delivered when you send the message.

Note: Email displays as an option only after an Internet or Exchange email account was gt6mjgtmjnnnnk

created.

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Sending All Current Namecards

Rather than selecting once Contact entry at a time, you can send all of your current entries at once.

1. From the Home screen, tap 🔲.
2. Press 🔲 and then tap **Import/Export** ➔ **Share namecard via**.
3. Tap **Select all** to place a check mark alongside all currently displayed Contact entries.
4. Tap **Done** and select a delivery method:
    • **Bluetooth** to transmit the contacts to another Bluetooth-compatible device.
    • ChatON
    • **Email** to attach the contact cards to a new outgoing email (Exchange or Internet).

Note: The Web storage Upload feature requires that you be logged into your Samsung account prior to upload.

    • **Gmail** to attach the contact cards to a new outgoing Internet-based email.
    • **Messages** to attach the contact cards to a new outgoing text message.

• **Wi-Fi Direct** to transmit the entries to another Wi-Fi Direct enabled device.

Sending a namecard using Bluetooth

You must create a Contact prior to sending a namecard to a recipient. For more information, refer to *"Creating a Contact"* on page 82

1. From the Home screen, tap 🧑.
2. Touch and hold the entry to reveal the on-screen context menu.
3. Tap **Share namecard via ➔ Bluetooth**.

Important! You must activate Bluetooth to use this feature.

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4. Tap the Bluetooth device in which to send this name card. Bluetooth forwards the namecard to the recipient.

Copying Contact Information
Copying Contact Information to the SIM Card

The default storage location for saving phone numbers to your Contacts list is your device's built-in memory. This procedure allows you to copy numbers saved to the phone's memory, onto the SIM card.

1. From the Home screen, tap 🧑.
2. From the Contacts List, press 🔲 and then tap **Import/Export ➔ Export to SIM card**.
3. Tap **Select all** to choose all current phone contact entries.

   – or –

   Select a specific entry by touching an entry. A check mark indicates a selection.

4. Tap **Done**. The name and phone number for the selected contact is then copied to the SIM.

Copying Contact Information to the microSD Card

This procedure allows you to copy entry information saved on the phone's memory, onto the SIM card.

1. From the Home screen, tap .
2. From the Contacts List, press and then tap **Import/Export ➔ Export to SD card**.
3. Tap **OK** to choose all current phone contact entries.

Synchronizing Contacts

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

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

Note: You must log into your Gmail and Microsoft Exchange ActiveSync accounts using this device in order to synchronize contacts.

1. From the Home screen, press and then tap **Settings ➔ Accounts** tab and then select the email account containing the contacts to synchronize.
2. Tap next to the account field to reveal the account's synchronization settings screen.
   • If displays next to the account field, this indicates a synchronization error.

3. Toggle the active state of the **Sync Contacts** field to synchronize only Contacts. A green check mark indicates the feature is enabled.

Note: The process of updating your Contacts tab can take several minutes. If after 10-20 minutes, your list was not updated, repeat steps 2-3.

Your **Contacts** tab reflects any updated Contact information.

Display Options

The Display options menu allows you to allows you to choose which contacts to display. You can also choose to display only contacts that have phone numbers.

Note: Once a display filter is selected, only those Contact entries display until the **All contacts** option is re-selected.

1. From the Home screen, tap [icon].
2. Press [icon] and then tap **Contacts to display**. Select any of the following to filter according to the selection:
   • **All contacts** allows you to display all available Contacts.
   • **Device** lists those Contacts currently found only on your Phone.
   • **SIM** lists those Contacts currently found only on your SIM card.
   • **Samsung account** lists those Contacts currently found and sync'd within the Samsung account.
   • **Google** lists those Contacts currently found within the Google account.
   • **Microsoft Exchange ActiveSync** lists those Contacts currently found within the Exchange account.

• **Customized list** allows you to enable which account categories are displayed. For example, on Google contacts, you can filter which Contact categories display (Friends, Family, etc..)

Adding more Contacts via Accounts and Sync

When you synchronize applications such as Facebook, Twitter, MySpace, a corporate email account, or Google, using the Accounts and sync option synchronizes the data from the selected account type with your Contacts list.

1. From the Home screen, press and then tap **Settings** ➔ **Accounts** tab, touch an account, and then tap **Add account**.

2. Determine which type of account information you want to synchronize with your Contact list. Selections are: **Samsung account**, **Dropbox**, **Email**, **Google**, **LDAP**, **Microsoft Exchange ActiveSync**, or **Sync apps with Facebook**.

3. Tap an account type to add.

4. Follow the prompts. The selected account type synchronizes with your Contacts list.

5. After synchronizing accounts you may want to link contact information. For more information, refer to *"Linking Contact Information"* on page 91

To add Facebook content to your Contacts list:

You can now add your Facebook contact information, such as pictures, email, and phone numbers directly to your Contacts list. All of their current contact information is then migrated over to your phone. If a Contacts entry already exists with a slightly different name, separate entries are created and can later be linked (joined) together into a single entry.

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

1. From the Home screen, tap **Play Store**.

2. Search for and select the **Facebook** app.

3. When you are prompted to download the Facebook application from the Play Store.

4. Tap **INSTALL** ➔ **ACCEPT** to complete the process.

5. Tap **OPEN** to launch the application.

6. Log into your Facebook account, enter your account's access **Email** and **Password** information, and tap **Log in**.

7. If prompted, configure any requested optional permissions and tap **Log in**.

8. If prompted, select a Contacts Sync option. Choose from: Sync all, Sync with existing contacts, or Don't sync.

9. Tap **Done** to complete the login and sync process.

To resync Social Network Contacts:

1. From the Home screen, press 📧 and then tap **Settings ➔ Accounts** tab and then tap **Facebook** and toggle the check mark beside the desired fields.

2. Choose the parameters to sync (ex: Sync Calendar, Sync Contacts, or Sync Gallery) and tap **Sync now**.

Note: From the main Accounts and sync page you can also tap **Sync all** to resync all accounts.

Additional Contact Options

Sending an Email to a Contact

Note: Contacts must contain and email account and address before you can use the Send email feature.

1. From the Home screen, tap 🟧.

2. Press 📧 and then tap **Send message/email ➔ Send email**. Contacts that contain an email address display.

3. Tap the contact(s) to which you want to send an email. A check mark displays next to the selection.

Note: The select contact must have an email as part of their details screen.

4. Tap **Done**.

5. Select an email account type.

6. Compose the email and tap **Send**.

Export/Import

For more information, refer to *"Copying Contact Information"* on page 95

Contact List Settings

From this menu you can determine the default storage location for Contacts, display your phone's primary number, and view service numbers listed in your Contact list.

1. From the Home screen, tap 🔲.
2. Press 🔲 and then tap **Settings**. Configure any of the following options:
   • **Only contacts with phones** allows you to display only those contacts containing phone numbers.
   • **List by** defines how the current list of Contacts are sorted: **First name** or **Last name**.
   • **Display contacts by** defines how the current list of Contacts are listed: **First name first** (ex: Steve Smith) or **Last name first** (Smith, Steve).
   • **Contact sharing settings** allows you configure how your Contacts entries are sent: individually or as a single file containing all available entries.
     Tap **Settings** to select a share setting.

   • **Accounts** provides quick access to your current account's sync settings.

Groups

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

Creating a New Caller Group

1. From the Home screen, tap 🔲 ➔ 🔲 **Groups** tab.
2. Press 🔲 and then tap **Create**.
3. Tap the **Group name** field and use the on-screen keypad to enter a new group name. For more information, refer to *"Text Input Methods"* on page 77
4. Tap **Group ringtone** and select a ringtone for the group. Selections are: **Default ringtone, Ringtones** (select from available ringtones) or **Add** (to navigate your device and select an existing audio file).
5. Tap **Message alert** and select a message alert ringtone to be associated with this group.

6. Tap **Vibration pattern** and select a unique vibration pattern either from an available list or Create your own. This pattern is then associated with this group.

7. Tap **Add member** to add Contacts to the new group.

8. From the available list of contacts, tap the contact(s) you want to add. A check mark displays next to contact entry. Then tap **Done**.

   – or –

   Tap **Select all** to place a check mark alongside all current entries. Then tap **Done**.

9. Tap **Save** to store the newly created group.

Note: Some externally maintained group types (such as Google) can only be managed or updated remotely online vs via the device. These external types will not allow editing or deleting members locally via the phone.

Adding an Existing Entry to a Current Caller Group

1. From the Home screen, tap ➔   **Groups** tab.

2. Tap a group entry ➔   **Add group member**.

3. From the available list of contacts, tap the contact(s) you want to add. A check mark displays next to contact entry.

4. Tap **Done**. The selected contacts are added to the group.

Removing an Entry From a Caller Group

1. From the Home screen, tap ➔   **Groups** tab.

2. Tap a group entry.

3. Press and then tap **Remove member**.

4. Tap all of the contacts you want to remove from this group. A check mark displays next to contact entry.

5. Tap **Done**. The contacts are removed from the group.

Editing a Caller Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. From the Home screen, tap ![contacts icon] ➔ ![groups icon] **Groups** tab.

2. Touch and hold a group entry then select **Edit group**.

3. Make modifications to the **Group name**, **Group ringtone**, **Message alert**, **Vibration pattern** fields, or **Add member**.

4. Tap **Save**.

Deleting a Caller Group

1. From the Home screen, tap ![contacts icon] ➔ ![groups icon] **Groups** tab.

2. Press ![menu icon] and then tap **Delete groups**.

3. Select either **Select all** or tap the desired group.

4. Tap **Delete**.

5. Select either the **Group only** or **Group and group members**.

6. Tap **OK**.

Sending a Message to a Group

1. From the Home screen, tap ![contacts icon] ➔ ![groups icon] **Groups** tab.

2. Tap an existing group, and press ![menu icon] and then tap **Send message**.

   – or –

   Touch and hold a group entry and select **Send message**.

3. Select the recipients of the new message (indicated by a green check mark). If an entry contains multiple phone numbers, each must be selected individually.

4. Tap **Done**.

5. Type your message, and tap ![send icon] (**Send**).

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The Favorites Tab

The Favorites tab is a list of the phone numbers that were designated as favorite contacts. For more information, refer to *"Logs Tab"* on page 73

1. From the Home screen, tap 🔲.
2. Tap ⭐ **Favorites** tab.

Adding a contact to your favorites list:

1. From within the Favorites tab, press 🔳 and select **Add to favorites**.
2. Place a check mark alongside the Contacts entries to assign as favorites.
3. Tap **Done** to complete the process.

Section 6: Messages

This section describes how to send or receive different types of messages. It also explains the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- Google Hangouts
- Messenger

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important! During the creation of a text message, adding an image, sound file, or video clip automatically changes it from a text message (SMS) to a multimedia message (MMS).

Message Icons on the Status Bar

Messaging icons are displayed on the Status Bar at the top of the display when new messages are received. For more information, refer to *"Status Bar"* on page 32

Note: The Messaging application can also be accessed by pressing ⬤ and then tapping ▦ **Apps** ➔ ✉ (**Messaging**).

Creating and Sending Messages

1. From the Home screen, tap (**Messaging**) ➔ (**Compose**).

2. Tap the **Enter recipient** field to manually enter a recipient.

   – or –

   Tap to select from one of the following:

   • **Groups**: to select a recipient from the Group list.

   • **Favorites**: to select a recipient from the Favorites list.

   • **Contacts**: to select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).

   • **Logs**: to select a recipient from a list of recently sent messages.

3. If adding a recipient from either Groups, Favorites, Contacts, or Logs, tap the contact to place a check mark then tap **Done**. The contact displays in the recipient field.

Note: Delete any unnecessary members by tapping their name/number in the recipient area and selecting **Delete**.

4. Add more recipients by tapping either the **Enter recipient** field or and selecting recipients.

5. Tap the **Enter message** field and use the on-screen keypad to enter a message. For more information, refer to *"Text Input Methods"* on page 77

6. Review your message and tap (**Send**).

7. If you have more than one recipient, the same text message is sent to all recipients in the Enter Recipients field.

Note: If you exit a message before you send it, it is automatically saved as a draft.

Quick Messaging a Number from the Contacts List

1. From the Home screen, tap 🔲 **Contacts**.
2. Locate an entry from the Contacts list.
3. In a single motion, touch and drag your finger over the number by going to the left. This action addresses a new text message to the selected recipient.

Message Options

Options before composing a message

1. From the Home screen, tap 📩 **Messaging**.
2. Before composing a message, from the main Message screen press ▤ from the main Messaging screen to display additional messaging options:
   • **Search**: allows you to search through all of your messages for a certain word or string of words. Use the on-screen keypad to enter a word or phrase in which to search, then tap 🔍 . For more information, refer to *"Message Search"* on page 113

   • **Delete threads**: allows you to delete any message thread. Select the messages to delete and a green check mark will display next to the message. Tap Delete. For more information, refer to *"Deleting a single message thread"* on page 112

   • **Draft messages**: displays the draft messages folder and its contents.

   • **Locked messages**: displays the locked messages folder and its contents.

   • **Scheduled messages**: displays the scheduled messages folder and its contents.

   • **Spam messages**: displays the spam messages folder and its contents.

   • **Text templates**: displays your available text message reply templates. For more information, refer to *"Text Templates"* on page 118

   • **Settings**: allows you to access Messaging settings. For more information, refer to *"Messaging Settings"* on page 113

3. From the Messaging screen list, touch and hold an on-screen message and select an option:
   - **Add to Contacts**: allows you to add the sender to either a new or existing Contacts entry.
   - **View contact**: allows you to view the current entry information for the sender.
   - **Delete thread**: deletes the entire message and its bubbles. Deleting a single message threadFor more information, refer to *"Deleting a single message bubble"* on page 112
   - **Add to spam numbers**: allows you to tag a number as spam so that these messages can be directly delivered to your spam folder.

Options while in a current message

1. From the Home screen, tap 🟡 **Messaging**.
2. From within an open message, press 🔲 to display additional messaging options:
   - **Insert smiley**: allows you to add insert smiley icons images (emoticons).
   - **Add text**: allows you to add text items from sources such as: Memo, Calendar, Location, Contacts, and Text templates.
   - **Preview** (only in MMS): allows you to add preview the MMS message prior to delivery.
   - **Add to contacts**: allows you to add the sender to either a new or existing Contacts entry.
   - **View contact**: reveals the current Contact's overview screen.
   - **Add slide**: converts an SMS message into an MMS (Multimedia) message and allows you to attach an existing slideshow.
   - **Remove slide**: allows you to remove a previously attached slideshow.
   - **Add subject**: allows you to enter a subject.

- **Duration (5 secs)** (only in MMS): allows you to change the duration of the image slideshow.
- **Layout (bottom)** (only in MMS): allows you to change the layout.
- **Add recipients**: allows you to enter additional recipients to the message.
- **Delete message**: allows you to erase either select specific message bubbles or all current messages bubbles.
- **Scheduling**: allows you to schedule a time for the current message to be delivered.
- **Add to spam numbers**: allows you to tag a number as spam so that these messages can be directly delivered to your spam folder.
- **Discard**: closes the current open message.

Note: You must be logged into your Samsung account prior to using the S Translator feature.

- **Translate**: launches a Translate popup menu. Here you can both assign the sender's original language and assign a target language for the recipient (they will receive your message in the designated language).
  - Enable the translate feature then configure the available options as desired. Tap **OK** to store the new settings.

Adding attachments to a message

To add an attachment to your message, tap 📎 (**Attach**) and select one of the following options:
- **Image**: allows you to tap an existing image from your Pictures list to add it to your message.
- **Take a picture**: allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message by tapping **Save**.
- **Video**: allows you to choose an existing video from the Videos list, then add it to your message.
- **Record video**: allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message by tapping **Save**.

- **Audio**: allows you to choose an existing audio file from the Audio list, then add it to your message by tapping the circle to the right of the audio so that it turns green, then tapping **Done**.
- **Record audio**: allows you to temporarily exit the message and record an audio clip using the phone's microphone. It is then automatically attached to the message.
- **Memo**: allows you to add an S Memo that you have created.
- **Calendar**: allows you to add an event from your calendar.
- **Location**: allows you to attach a thumbnail of a map showing your location.
- **Contacts**: allows you to tap on an existing Address Book entry, then add it to your message by tapping **Done**.

Adding Additional Text

You can copy text such as names, phone numbers, and events from your Contacts, Calendar, or a Memo.

1. While composing a message, press 🔲 ➔ **Add text**.
2. At the Add text screen, select one of the following:
   - **Memo**: allows you to insert text from an existing S Memo.
   - **Calendar**: allows you to add the name, date, and time of a calendar event to your message.
   - **Location**: allows you to add an address and the link to the location on Google Maps.
   - **Contacts**: allows you to add the name and phone number of any of your contacts to your message.
   - **Text templates**: allows you to add pre-defined phrases and sentences. For more information, refer to *"Text Templates"* on page 118

The information is added to your message.

Viewing Newly Received Messages

When you receive a message, your phone notifies you by displaying $\boxtimes$ within the Notification area at the top left of your Home screen.

To read a message:

1. Open the Notification Bar and select the message. For more information, refer to *"Notification Bar"* on page 38

   – or –

   From the Home screen, tap ![icon] then tap the new message to view its contents. The selected message displays on the screen.

2. Tap $\triangleright$ to play a multimedia message.
   • To pause playback of the multimedia message, tap ![pause icon].

3. In a single motion, touch and drag up or down the page to scroll through the message (if additional pages were added).

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen.

Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To reply to a text message:

1. From the Home screen, tap ![icon].

2. While the message is open, tap the **Enter message** field and then type your reply message.

3. Compose your reply.

   Your texts are colored Blue and your caller's replies are Yellow.

4. Tap ![send icon] (**Send**) to deliver your reply.

   – or –

   Press ![menu icon] and then select one of the available message options (page 106).

To access message thread options:

■ From the main Messaging screen, touch and hold the message to display the following options:

- **View contact**: displays the Contact's Overview page.
- **Add to contacts**: begins the process of adding the new number to your Contacts list.
- **Delete thread**: deletes the currently selected message thread.
- **Add to spam numbers**: adds the current sender to a spam list. ny new texts from this sender are automatically blocked.

To access additional Bubble options:

■ Touch and hold the message bubble within an active message conversation to display the following options:

- **Delete message**: deletes the currently selected message bubble from the thread.
- **Copy message text**: copies the currently selected message bubble from the thread.
- **Lock/Unlock message**: locks or unlocks the currently selected message bubble from being accidentally deleted.
- **Forward**: allows you to forward the currently selected message bubble to an external recipient.
- **Copy to SIM**: copies the currently selected message bubble as a single text message within the SIM card.
- **View message details**: displays details for the currently selected message bubble.
- **Translate**: translates the text from the currently selected bubble into a desired language.

Deleting Messages

Deleting a single message thread

1. From the Home screen, tap ![icon].
2. Touch and hold a message from the Messages list, then select **Delete thread**.
3. At the prompt, tap **OK** to delete or **Cancel** to exit.

Deleting multiple message threads

1. From the Home screen, tap ![icon].
2. Press ![icon] and then tap **Delete threads**.
3. Tap each message thread you want to delete. A check mark displays beside each selected message.
4. Tap **Delete**.
5. At the prompt, tap **OK** to delete or **Cancel** to end the process.

Deleting a single message bubble

1. From the Home screen, tap ![icon].
2. Open a message to reveal the message string.
3. Touch and hold a message bubble, then select **Delete message**.
4. At the prompt, tap **OK** to delete or **Cancel** to exit.

Deleting multiple message bubbles

1. From the Home screen, tap ![icon].
2. Open a message to reveal the message string.
3. Press ![icon] and then tap **Delete messages**.
4. Place a check mark on the individual bubbles targeted for deletion or choose **Select all**.
5. Tap **Delete** to erase or **Cancel** to exit.

Message Search

You can search through your messages by using the Message Search feature.

1. From the Home screen, tap 📩.
2. Press 🔳 and then tap **Search**.
3. Use the on-screen keypad to enter a word or phrase in which to search, then tap 🔍.
4. All messages that contain the entered search string display.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

1. From the Home screen, tap 📩.
2. Press 🔳 and then tap **Settings**.

The following Messaging settings are available:

General settings

- **Delete old messages**: deletes old messages when the limit is reached, rather than overwriting them.

- **Text message limit**: allows you to set a limit on how many text messages are allowed in one conversation.

- **Multimedia message limit**: allows you to set a limit on how many multimedia messages are allowed in one conversation.

Text message (SMS) settings

- **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.

- **Manage SIM card messages**: allows you to manage the messages stored on the SIM card.

- **Message center**: allows you to enter the number of your message center where your messages reside while the system is attempting to deliver them.

- **Input mode**: allows you to set the input mode for your text messages. Choose from: GSM Alphabet, Unicode, or Automatic.

Multimedia message (MMS) settings

- **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.

- **Read reports**: when this option is activated, your phone receives a request for a read reply along with your message to the recipient.

- **Auto-retrieve**: allows the message system to automatically retrieve messages.

- **Roaming auto retrieve**: allows the message system to automatically retrieve while roaming.
- **Creation mode**: allows you to select the creation mode: Free, Restricted, or Warning.
  - **Restricted**: you can only create and submit messages with content belonging to the Core MM Content Domain.
  - **Warning**: the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
  - **Free**: you may add any content to the message.
- **MMS alert**: alerts you when the messaging modes changes from an SMS (text) to MMS (multimedia) mode.

Display

- **Bubble style**: allows you to choose from several bubble styles for your messages. Bubbles are the rounded boxes that surround each message.
- **Background style**: allows you to choose from several background styles for your messages.
- **Use the volume key**: allows you to change the text size by using the up or down volume keys.

Push message settings

- **Push messages**: allows you to receive push messages from the network.
- **Service loading**: allows you to set the type of service loading notification. Choose from: Always, Prompt, or Never.

Notification settings

- **Notifications**: allows you to see message notifications on your status bar.
- **Select ringtone**: allows you to set the ringtone for your message notifications.
- **Vibrate**: allows you to configure the vibration mode associated with message alerts.
- **Message alert repetition**: allows you to set the interval for new message alerts. Choose from: Once, Every 2 minutes, or Every 10 minutes.
- **Preview message**: when enabled, allows you to view a brief preview of new message text on the Status bar.

Emergency message settings

• **Emergency alerts**: allows you to configure emergency alert settings. You can enable/disable those alert categories you wish to receive. Choose from: Imminent extreme alert, Imminent severe alert, and AMBER alerts.

Note: The Presidential alert can not be disabled.

• **Emergency notification preview**: allows you to play a sample emergency alert tone. Tap **Stop** to cancel the playback.

Signature settings

• **Add signature**: when enabled, this feature allows you to create a signature at the end of your outgoing text messages.

• **Signature text**: allows you to enter a desired signature for your message.

Spam message settings

• **Spam settings**: when enabled, allows you to configure available spam settings such as:

– **Add to spam numbers**: allows you to manually enter and assign a phone number as being sent from a spam source.

– **Add to spam phrases**: allows you to assign a specific text phrase as belonging to a spam message. Ex: Dear friend.

– **Block unknown senders**: when active, automatically blocks incoming messages from unknown sources or blocked numbers.

Emergency Alert Configuration

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS); which may also be known as the Personal Localized Alerting Network (PLAN). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life
- AMBER Alerts (missing child alert)

Customers may choose not to receive Extreme Alerts, Severe Alerts, and AMBER Alerts.

Important! Alerts issued by the President can not be disabled.

To disable Extreme, Severe, and AMBER Alerts:

1. From the Home screen, tap [icon].
2. Press [icon] and then tap **Settings**.
3. Scroll to the bottom and select **Emergency alerts**. All alerts are enabled by default (check mark showing).
4. Tap on an alert option to disable the alert and remove the check mark.

Assigning Messages as Spam

You can now assign either a phone number as spam or use a key term or phrase. Any message assigned as spam is automatically placed with your Spam messages folder.

To assign a phone number from Messages list as spam:

1. From the Home screen, tap [icon].
2. Touch and hold a message from a phone number.
3. Select **Add to spam numbers** and tap **OK**.

To assign a phone number manually as spam:

1. From the Home screen, tap [icon].
2. Press [icon] and then tap **Settings**.
3. Locate and activate the **Spam settings** option.
    - **Spam settings**: when enabled, allows you to configure available spam settings such as:
4. Tap **Add to spam numbers** ➔ [+] (**Add**).
    - This function allows you to manually enter and assign a phone number as being sent from a spam source.

5. Tap the **Number** field to manually enter phone number.

    – or –

    Tap 👤 to select from either your existing Logs or Contacts.

    – or –

    Tap **Match criteria** and select a parameter that must match for the spam action to take effect. Choose from: Same as, Starts with (ex: 800 or 888), Ends with, or includes.

6. Tap **Save**.

To register text phrases as spam:

Some incoming messages might not be associated with a phone number but rather an email address. In these cases, the only way to block those messages, would be assign a key used term or phrase to activate the Spam block. Ex: "Dear friend", "Stock Alert", or "Act Now".

1. From the Home screen, tap ✉.

2. Press 🗐 and then tap **Settings**.

3. Locate and activate the **Spam settings** option.

4. Tap **Add to spam phrases ➜ ➕** (**Add**).

    • This function allows you to assign a specific text phrase as belonging to a spam message. Ex: Dear friend.

5. Enter a term or word into the field.

Note: The term is case sensitive. Ex: "Act Now" is not the same as "act now".

---

6. Tap **Save**.

To register unknown numbers as spam:

Some incoming messages might not be associated with either a phone number or email address. These incoming messages contain no information as their info is blocked by the sender.

1. From the Home screen, tap ✉.

2. Press 🗐 and then tap **Settings**.

3. Locate and activate the **Spam settings** option.

4. Tap **Block unknown senders**. A green check mark indicates the feature is active.

    • **Block unknown senders**: when active, automatically blocks incoming messages from unknown sources or blocked numbers.

If an incoming message is designated in coming from an unknown sender, it is automatically assigned as spam and is now located in your Spam folder.

Accessing Your Spam Folder

Any message assigned as spam is automatically placed with your Spam messages folder.

1. From the Home screen, tap .
2. Press and then tap **Spam messages**.

Text Templates

This screen displays your available text message reply templates. This is a readily accessible list of both default and user-defined text snippets that can be used to quickly reply to incoming messages.

1. From the Home screen, tap .
2. From the Messaging list, press and then tap **Text templates**.
3. Tap a message to immediately insert it into your current message conversation.

To create your own text template:
1. From the Home screen, tap .
2. From the Messaging list, press and then tap **Text templates**.
3. Tap (**Create text template**).
4. Enter a new text string and tap **Save**.

Using Email

Email (or Internet Email) enables you to review and create email using several email services. You can also receive text message alerts when you receive an important email. Your phone's Email application lets you access and manage multiple email accounts simultaneously in one convenient location.

There are currently three main types of email accounts on your phone: Gmail, Internet-based email (Gmail, Yahoo, etc..), and Microsoft Exchange (Corporate email or Outlook®).

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

- **IMAP** (Internet Message Access Protocol) - This protocol is frequently used in large networks and commercial settings. IMAP4 is the current standard.
- **POP3** (Post Office Protocol) - This protocol is supported by most ISPs (Internet service providers) and common among consumer applications. POP3 is the current standard.
- **Microsoft Exchange ActiveSync** - This protocol is frequently used with a large corporate email server system and provides access to email, contact, and calendar synchronization.

Creating an Internet Email Account

1. From the Home screen, tap 📱 **Apps** ➔ 📧 (**Email**).

2. If you already have other email account setup:
   • Open an existing email account, press 🔲 and then tap **Settings** ➔ ⊕ (**Add account**).

Account name

Access available accounts and folders

Email functions

– or –
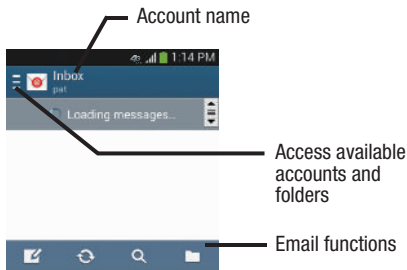
Enter your **Email address** and **Password** information.

- **Email address**: your Internet email address.
- **Password**: typically your network access password (case-sensitive).

3. Tap **Show password** to display the password as you enter it in the associated field.

   • Tap **Manual setup** to configure your connection settings manually (POP3 or IMAP). Follow the on-screen prompts and enter the information specific to your email provider.

   • Tap **Send email from this account by default** to assign this email account as your default account for all outgoing emails.

4. Tap **Next**.

5. At the **Account options** screen, select the frequency which the device should check for new email on the server and tap **Next**.

Important! The **Sync Email** feature must be enabled to allow synching between your device and the remote server.

   • Tap the **Notify me when email arrives** field to receive new email notifications.

   • Tap the **Automatically download attachments when connected to Wi-Fi** field to assist with faster access to large email attachments when using Wi-Fi.

6. At the **Set up email** screen, name the account and enter a screen name to identify yourself on this account.

   • The unique account name is used to differentiate this account from other email accounts accessed by your device.

7. Tap **Done** to store the new account.

Messages for this account display on the Inbox tab. You can also view Personal information for this account, Receipts (if you setup the account to return receipts), Travel information, and more (if available).

Opening an Email

1. From the Home screen, tap ▦ ➔ 📧 (**Email**).

2. Tap ▤ 📧 (account name field upper-left) to open the complete email account list page.

   • Selecting **Combined view** allows you to view all the emails for your current accounts, managed by the application, to be listed on a single screen.

3. Select an email account and tap an email message.

Refreshing Email messages

1. From the Home screen, tap ▦ ➔ 📧 (**Email**).
2. Select an email account.
   • If you are already in an email account, tap the account name field (upper-left) to open the complete email account list page.
   • Select an available email account.
3. Tap 🔄 (**Refresh**).

Composing Email

1. From the Home screen, tap ▦ ➔ 📧 (**Email**).
2. Tap ▤📧 (account name field upper-left) to open the complete email account list page.
3. Tap **Inbox** ➔ 🖊 (**Compose**).
4. Enter the recipient's email address in the **To** field.
   • If you are sending the email message to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.
5. Tap **Add Cc/Bcc** to add additional carbon copy and blind copy recipients.
   • Use the **Cc** field to carbon copy additional recipients.
   • Use the **Bcc** field to blind copy additional recipients.
6. Tap the **Subject** field and enter the email subject.

7. Tap the email text field and compose your email message.
   • To add an attachment (such as image, video, audio, etc..), tap 📎 **Attach** (from the top of the screen) and make a category selection.
     — Tap the file you wish to attach.
     — Tap ⊖ to delete the attached file.

Note: If you attach an image to your email, you have the option to resize it prior to delivery. Choose from: Original, Large (70%), Medium (30%), or Small (10%). Once chosen, tap either **Always** or **Just once**.

8. Tap 🖫 (**Save**) to store a draft of the current email on your device so that you can come back later and continue the email.
9. Tap ✖ (**Delete**) to discard the current email.
10. Once complete, tap ✉ (**Send**).

Configuring Email Settings

1. From the Home screen, tap ▦ ➔ @ (**Email**).
2. Select an account.
3. Press ▤ and then tap **Settings** and alter any of the following General settings:
   • **Display settings**: allows you to configure the way in which your email list displays. Options include: Auto fit content, Message preview line, and Title line list.
   • **Compose and send settings**: allows you to configure the functions available during both creating and sending emails. Options include: Quick responses, Default image size, Delay email sending.
   • **Priority send settings**: allows you to assign Contacts as priority senders, configure a priority sender inbox, assign email notifications, ringotnes, and vibration patterns for emails from these senders.
   • **Auto advance**: allows you to assign an action after an email is deleted. Choose from: Next email, Previous email, or Email list.
   • **Confirm deletions**: requires that you provide confirmation before deleting a selected email.

   • **Spam addresses**: allows you to create a list of spam email addresses.
   • **Rules for filtering**: allows you to create and manage filters for emails. Filter parameters include: Filter name, Subject includes, or From.

   – or –

   Press ▤ and then tap **Settings ➔ Account settings ➔ <Account>**. Alter any of the following settings:

   • **Sync settings** to configure the following sync options:
     – **Sync Email**: enables automatic email synching between your device and the remote server.
     – **Sync schedule**: allows you to control the email sync schedule on both Peak and Off-Peak times.
     – **Size to retrieve emails**: configures the incoming email size allowed to pass through to your phone automatically without user interaction. Emails with attachments larger than configured will have to be retrieved manually.

- **Signature**: Lets you attach a customized signature to the bottom of all outgoing emails.
  - In a single motion touch and slide the **Signature** slider to the right to turn it on.
  - Tap the **Signature** field, change the current text, and tap **OK** to save the new signature.
- **Default account**: Assign this account as the default email account used for outgoing messages.
- **Email notifications**: Activates the email notification icon to display on the status bar when you receive a new email (Gmail, etc..).
- **Select ringtone**: Plays a selected ringtone when a new email message is received.
- **Vibrate**: Activates a vibration when a new email message is received.
4. Tap the **More settings** field to access additional options:
   - **Account name**: displays your uniquely created account display name.
   - **Your name**: displays the name used in the From field of your outgoing email messages.

- **Always Cc/Bcc myself** allows you to include your own email address in either the CC, Bcc, or None fields. Lets you always receive a copy of outgoing emails.
- **Show images**: allows you to view embedded images located within the body of the currently displayed email.
- **Number of emails to load**: allows you to select the number of on-screen emails to keep loaded on the screen by default.
- **Auto download attachments**: allows the device to automatically download email attachments when an active Wi-Fi connection is detected. This process speeds up the process of downloading an emails attachments for offline review by not using a 3G or 4G/LTE network connection.
- **Auto resend times**: enables the device to resend an outgoing email a specified number of times if delivery fails.
- **Security options**: allows you to enable several security options such as: Encrypt all, Sign all, Create keys, Private keys, Public keys, and Set default key. These security policies could restrict some functions from corporate servers.
  - **Security policy list**: lists the current email's security policy. These policies could restrict some functions from corporate servers.

- **Incoming settings**: Lets you specify incoming email settings, such as User name, Password, IMAP server, Security type, Port, and IMAP path prefix.

- **Outgoing settings**: Lets you specify outgoing email settings, such as SMTP server, Security type, Port, Require sign-in, User name, or Password.

Note: Some the above options may not be displayed when using some Internet account types.

Microsoft Exchange Email (Outlook)

Your phone also provides access to your company's Outlook Exchange server. If your company uses either Microsoft Exchange Server 2003 or 2007, you can use this email application to wirelessly synchronize your email, Contacts, and Calendar information directly with your company's Exchange server.

Setting Up a Microsoft Exchange Email account

1. From the Home screen, tap ▦ ➔ ◙ (**Email**).
2. If you already have other email account setup:
   - Open an existing email account, press ▤ and then tap **Settings** ➔ ⊕ (**Add account**).

   – or –

   Enter your **Email address** and **Password** information.

   - **Email address**: your Outlook work email address.
   - **Password**: typically your network access password (case-sensitive).
3. Tap **Show password** to display the password as you enter it in the associated field.
4. Tap **Send email from this account by default**, to make this your default email account for outbound emails.

Note: If selected, the **Manual setup** button changes to read **Microsoft Exchange ActiveSync**. If activated, skip to step 6.

5. Tap **Next**. Consult your Network or IT Administrator for further details and support.

6. Tap **Microsoft Exchange ActiveSync** (from the add new email account screen).

Note: If prompted with an on-screen notification that the connection that the "Setup could not finish", tap **Edit details** to continue with a manual update of necessary information.

7. When prompted to provide additional detailed information within the Exchange server settings screen, enter an updated **Domain**, and confirm your **user name** and **Password** information.

Important! Remember to manually place the cursor in the correct spot and enter a Domain name before the "**[Domain]\[user name]**" entry. Most servers only provide a username.

8. Update or re-enter your **Exchange server** information within the appropriate field. This field can often be populated with incorrect or out of date information provided by your server.

- **Exchange Server**: your exchange server remote email address. Typically starts with **mail.XXX.com**. Obtain this information from your company network administrator.

Important! Do not accept the default entry as this is a guess based on returned information.

- If your network requires SSL encryption, tap the **Use secure connection (SSL)** field to place a check mark in the box and activate this additional level. Most often, this option should be enabled.

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

9. Consult your IT Administrator if it is necessary to enable the **Use client certification** option.
10. With the new server information entered, tap **Next**.
11. Read the on-screen **Activation** disclaimer and, when prompted, tap **OK**. The device then verifies your incoming server settings.

12. If prompted, read the **Remote security administration** information and tap **OK** to accept the service and continue.

13. Adjust the various **Account options** configuration fields and tap **Next**. It may take a few seconds for the next screen to load.
- Enabling the **Automatically download attachments when connected to Wi-Fi** option decreases the wait time to access large email attachments.

14. If prompted, read the **Activate device administrator?** screen and tap **Activate** to complete the email setup process.

Note: This process can take a few minutes. If the previous setup screen re-appears, **ignore it and do not alter any fields** during this process.

15. Identify your new work email account with a unique name (Ex: Work), then tap **Done**.

Opening an Exchange Email

1. From the Home screen, tap ▦ ➔ 📧 (**Email**).

2. Tap the account name field (upper-left) to open the complete email account list page.

3. Select an exchange email account and tap an email message.

Refreshing Exchange Email

1. From the Home screen, tap ▦ ➔ 📧 (**Email**).

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

3. Tap 🔄 (**Refresh**).

Composing Exchange Email

■ For more information, refer to *"Composing Email"* on page 121.

Deleting an Exchange Email Message

■ Touch and hold an email (from your inbox list) and select **Delete** from the on-screen context menu.

– or –

With the email message displayed, tap 🗑 (**Delete**).

Configuring Microsoft Exchange Email Settings

1. From the Home screen, press 🔲 and then tap **Settings** and then navigate to the **Accounts** area.

2. Tap the Microsoft Exchange account.

3. Press 🔲 and then tap **Settings** and alter any of the following General settings:

   • **Display settings**: allows you to configure the way in which your email list displays. Options include: Auto fit content, Message preview line, and Title line list.

   • **Compose and send settings**: allows you to configure the functions available during both creating and sending emails. Options include: Quick responses, Default image size, Delay email sending.

• **Priority send settings**: allows you to assign Contacts as priority senders, configure a priority sender inbox, assign email notifications, ringotnes, and vibration patterrns for emails from these senders.

• **Auto advance**: allows you to assign an action after an email is deleted. Choose from: Next email, Previous email, or Email list.

• **Confirm deletions**: requires that you provide confirmation before deleting a selected email.

• **Spam addresses**: allows you to create a list of spam email addresses.

• **Rules for filtering**: allows you to create and manage filters for emails. Filter parameters include: Filter name, Subject includes, or From.

– or –

Press 🔲 and then tap **Settings ➔ Account settings ➔ <Microsoft Account>**. Alter any of the following settings:

• **Sync settings** to configure the following sync options:

   – **Sync Email**: enables automatic email synching between your device and the remote server.

- **Sync schedule**: allows you to control the email sync schedule on both Peak and Off-Peak times.
- **Period to sync email** to assign the sync range for your incoming and outgoing email messages between your phone and your external exchange server. How many days worth of email messages should the phone and server synchronize. Choose from: **Automatic, All, 1 day**, **3 days**, **1 week**, **2 weeks**, or **1 month**.
- **Size to retrieve emails** configures the incoming email size allowed to pass through to your phone automatically without user interaction. Emails with attachments larger than configured will have to be retrieved manually.
- **Signature**: Lets you attach a customized signature to the bottom of all outgoing emails.
  - In a single motion touch and slide to the right to turn it on.
  - Tap the **Signature** field, change the current text, and tap **Done** to save the new signature.
- **Out of office settings** allows you to both activate/deactivate your email's out of office settings, and configure both the start/end dates and your outgoing message.

- **Default account**: Assign this account as the default email account used for outgoing messages.
- **Email notifications**: Activates the email notification icon to display on the status bar when a new email is received.
- **Select ringtone**: Plays a selected ringtone when a new email message is received.
- **Vibrate**: Activates a vibration when a new email message is received.
4. Tap the **More settings** field to access additional options:
   - **Account name** displays the name used by the device to track the account.
   - **Always Cc/Bcc myself** allows you to include your own email address in either the CC, Bcc, or None fields. Lets you always receive a copy of outgoing emails.
   - **Show images**: allows you to view embedded images located within the body of the currently displayed email.
   - **Auto download attachments**: allows the device to automatically download email attachments when an active Wi-Fi connection is detected. This process speeds up the process of downloading an emails attachments for offline review by not using a 3G or 4G/LTE network connection.

- **Auto resend times** enables the phone to resend an outgoing email a specified number of times if delivery fails. The default is 3 auto resends.
- **Folder sync settings** allows you to configure the sync settings for various folders such as Inbox, Drafts, Outbox, etc..
- **Period to sync Calendar** assigns a period for your phone to sync calendar events. Choose from: **2 weeks, 1 month**, **3 months**, **6 months**, or **All calendar**.
- **Empty server trash**: allows you to delete your email account's trash bin remotely.
- **Sync Contacts** synchronizes the contacts between your device and the remote exchange server.
- **Sync Calendar** synchronizes your exchange calendar entries between your device and the remote exchange server.
- **Sync Task** synchronizes your exchange tasks entries between your device and the remote exchange server.

- **In case of sync conflict** allows you to assign the master source on emails. If there is a conflict with the current email sync you can assign the server as the main source for all emails (**Server has priority**) or assign the phone to be the main source and update the server accordingly (**Device has priority**).
- **Security options**: allows you to enable several security options such as: Encryption, Encryption algorithm, Sign, Sign algorithms, Email certificates, and Security policy list. These security policies could restrict some functions from corporate servers.
    - **Security policy list**: lists the current email's security policy. These policies could restrict some functions from corporate servers.
- **Exchange server settings** provides access to the Domain\user name, Password, and Exchange server settings.

5. Press [⬅] to return to the previous page.

Using Google Mail

Google Mail (Gmail) is Google's web-based email. When you first setup the phone, Gmail is configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Google Mail

1. From the Home screen, tap ▦ ➔ 📧 (**Gmail**).

Note: You must sign in to your Gmail account in order to access features such as Google Mail and Play Store.

2. Tap **New** if you do not have a Google account.

   – or –

   Tap **Existing** if you have a Google account.

   The Inbox loads conversations and email.

Opening Gmail

1. From the Home screen, tap ▦ ➔ 📧 (**Gmail**).
2. Tap an existing email message.

Refreshing Gmail Mail

■ From within the Gmail message list, tap 🔄 (**Refresh**) at the bottom of the screen to refresh the screen, send and receive new emails, and synchronize your email with the Gmail account.

Other Gmail Options

1. From the main Gmail screen, tap 🏷️ (**Labels**) at the bottom of the screen to set up and manage Labels for your Gmail messages.
2. From the main Gmail screen, tap 🔍 (**Search**) at the bottom of the screen to search through your Gmail messages.

Composing a Gmail Message

1. From the Home screen, tap ▦ ➔ 📧 (**Gmail**).
2. From the Gmail Inbox, tap ✉️ (**Compose**) at the bottom of the screen to create a new message.
3. Enter the recipients Email address in the **To** field.

Tip: Separate multiple recipient email addresses with a comma.

4. Press ▤ and select **Add Cc/Bcc** to add a carbon or blind copy.

5. Enter the subject of this message in the **Subject** field.

6. Tap the **Compose email** field and begin composing your message.

7. Once complete tap ➤ (**Send**).

Viewing a Gmail Message

1. From the Gmail Inbox, tap a message to view the following options located at the bottom of the screen:
   - **Archive** 📥 : archives the selected Email.
   - **Delete** 🗑 : deletes the currently selected Email.
   - **Labels** 🏷 : assigns a label to the current Email.
   - **Mark as Unread** ✉ : tags the current message as unread and returns you to the Google Mail Inbox.
   - **Newer**: swiping to the right displays newer Emails.
   - **Older**: swiping to the left displays older Emails.

2. Press ▤ to select one of the following additional options:
   - **Mark important/Mark not important**: assigns the current email an important status.
   - **Mute**: mutes the conversation.
   - **Report spam**: reports the Email message as spam.
   - **Report phishing**: reports the Email message as a phishing email attempt.
   - **Settings**: allows you to configure the General, or Notification settings.
   - **Send feedback**: sends feedback to Google.
   - **Help**: launches the browser and displays Google Mobile Help information.

Creating an Additional Gmail Account

1. From the Home screen, tap ▦ ➔ 📧 (**Gmail**).

2. Press ▤ and then tap **Settings ➔ ADD ACCOUNT** and follow the same steps as referenced in the previous section. For more information, refer to *"Signing into Google Mail"* on page 130.

Hangouts

Previously known as Google Talk™, is an updated place to hangout, share photos, and even video calls. This is a free 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.

Note: Before using this application, you must first have an active Gmail account available and be currently logged in.

1. From the Home screen, tap ▦ ➔ 💬 (**Hangouts**).

Note: If you are not already logged into Google, refer to the instructions for signing in on page 130.

2. When prompted, read the on-screen information and confirm your phone number is correct before using the application. Tap **Confirm**.

Note: Confirming your phone number does not make it publicly available.

Google +

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 19

2. From the Home screen, tap ▦ **Apps** ➔
   G+ (**Google+**).

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

   – or –

   Tap **Add account** to create another account.

4. Follow the on-screen instructions to use Google+.

5. Visit www.google.com/mobile/+/ for more information.

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 device.

1. Sign on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 19.

2. From the Home screen, tap ▦ **Apps** ➔ 🗨 (**Messenger**).

 – or –

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

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

 – or –

 Tap **Add account** to create another account.

4. When prompted, follow the on-screen procedures to configure the Sync contacts parameters.

5. When prompted, configure the photo backup parameters as desired and tap **Done**.

6. Tap 8+ from the upper-left of the screen and select from an available list of features such as: Find People, Communities, Hangouts, etc..

To create a new message:

1. Tap 8+ from the upper-left of the screen and select **Messenger**.

2. Tap 🗨 to start a new message.

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

4. In the bottom **Type a message** field, enter a message then tap ➤ (**Send**).

Section 7: Multimedia

This section explains how to use the multimedia features of your device, including the Camera/Camcorder, Music Player, Samsung Link, and how to manage your photos, images and sounds.

You can take photographs and shoot video by using the built-in camera functionality. Your camera produces photos in JPEG format.

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.

Note: An SD card is no longer needed to take pictures or shoot video since there is already built-in storage.

Assigning the Default Storage Location

Important! Too many users can overlook this storage location until something goes wrong. It is recommended that you verify this location or change it before initiating the use of the camera or camcorder features.

1. From the Home screen, tap ▦ **Apps** ➔ ◉ **Camera**.
2. Press ▤ and then tap **Settings** ➔ ⚙ **Settings** and scroll up to the **Storage** entry.
3. Tap this entry and select the desired default storage location for newly taken pictures or videos. Choose from: **Device** or **Memory card**.

Note: The recommended setting is to the **Memory card**..

4. Press ⬭ to return to the Home screen.

Using the Camera

Taking Photos

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

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

1. From the Home screen, tap ▦ **Apps** ➔ 📷 **Camera**.

2. Using the device's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.

Note: On your initial activation of the camera, firmware configuration can take up to 1 minute. This is a one time process.
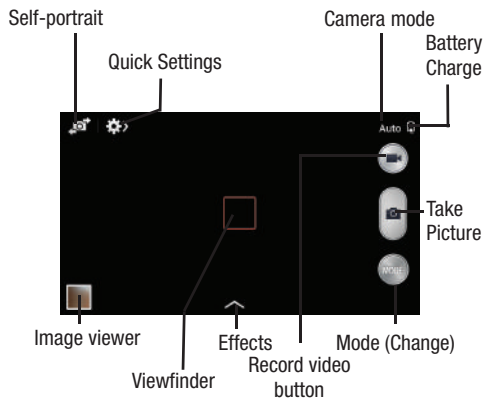
3. Before you take a picture, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).

   – or –

   Pinch the screen to zoom out or pinch outwards to zoom in.

4. If desired, before taking the photo, you can tap on-screen icons to access various camera options and settings.

5. You can also tap the screen to move the focus to a desired area of interest.

6. Tap 📷 **Camera** until the shutter sounds. (The picture is automatically stored within your designated storage location (page 134). If no microSD is installed, all pictures are stored on the Phone.) For more information, refer to *"Camera Options"* on page 136.

Note: Touch and hold 🔘 to take a burst shot. These are saved using a Fine image quality.

Self-portrait

Quick Settings

Camera mode

Battery Charge

Auto 🔋

Take Picture

Image viewer

Effects

Viewfinder

Record video button

Mode (Change)

Camera Options

Options are represented by icons across both sides of the screen.

1. From the camera viewfinder, tap the Mode button
   🔘 to change the mode to one of the following:
   – **Auto**: Use this mode to automatically adjust the exposure, color, and brightness settings. This mode allows single image shots or burst shots.
   – **Beauty face**: Use this to take photos with lightened faces for gentler images.
   – **Best photo**: Use this to take multiple photos in a short time, and then choose the best photos among them. Press the Shutter button to take multiple photos. When Gallery opens, tap and hold thumbnails of photos to save, and then tap Done.
   – **Continuous shot**: Use this to take pictures continuously at a rate of 3 per second. You can take up to 20 continuous pictures at a time.

– **Best face**: Use this to take multiple group shots at the same time and combine them to create the best possible image. Press the Shutter button to take multiple photos. When Gallery opens, tap the yellow frame on each face, and choose the best individual face for the subject. After choosing a pose for each individual, tap Done to merge the images into a single photo, and tap Save.

– **Sound & shot**: Use this mode to enrich pictures by adding background sounds for a few seconds. The background sound is recorded for up to 9 seconds after taking the photo.

– **Rich tone (HDR)**: Use this to take photos with richer colors and contrasts.

– **Panorama**: Use this to take wide panoramic photos. Press the Shutter button to take a photo, and then move the camera in any direction. When the blue frame aligns with the preview screen, the camera automatically takes another shot in the panoramic sequence. To stop shooting, press the Shutter button again.

– **Sports**: Use this to take fast action photos.

– **Night**: Use this to take brighter, clearer pictures in low light settings without the use of the flash.

2. The following shortcuts display on the camera screen :

Focus area: displays the area of the image used as the main focus area. If the image is too close, the square will turn red.

Self portrait: allows you to set the front camera so you can take pictures of yourself.

Quick Settings: activates the Quick Settings menu bar from where you can select several additional settings.For more information, refer to *"Quick Settings"* on page 138

Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture. The last picture you took, displays as a thumbnail in the Image viewer icon.

Effects/Downloads: provides access to pre-installed and downloaded effects. Default effects include: No effect, Vignette, Grey-scale, Sepia, Vintage, Faded color, Turquoise, Tint, Cartoon, Moody, Rugged, Oil pastel, and Fisheye.

Camcorder button: shoots a video when pressed.

Camera button: takes a photo when pressed in Camera mode.

Mode button: allows you to select from different camera modes.

Storage location/Connection Status: indicates the device is connected to an adapter and the current storage location for images (Phone or Memory card) on the device.

Quick Settings

Tap ⚙ at the top of the display to quickly change Camera settings. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

Camera settings: configure Camera settings.

Flash: activate or deactivate the flash.

Voice control: activate or deactivate the voice control to take photos.

Timer: sets a delay timer. Selections are: Off, 2 sec, 5 sec, and 10 sec.

Recording mode: select a resolution for videos. Choose from: Normal, Limit for MMS, Slow motion, or Fast motion.

Share functions: activate or deactivate the sharing options. Choose from Off, Share Shot, or Buddy photo share.

Share shot - Shooting mode: lists the current shooting modes available from with the Share Shot mode. Choose from Easy connect, Wi-Fi Direct, or Cancel.

Quick Settings: hide Quick settings.

Camera and Camcorder Settings

This section describes the different settings that you can configure on your camera. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

1. From the viewfinder, tap **Quick Settings** ➔ **Camera Settings**.

2. The follow settings are located under the Camera, Camcorder, and General tabs. The settings that are displayed will depend on what camera mode you are in.

Camera:

• **Photo size**: Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.

• **Face detection**: allows you to adjust the camera focus based on face detection technology.

• **Metering**: allows you to set how the camera measures or meters the light source: Center-weighted, Matrix, or Spot.

• **ISO**: determines how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, or 400. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.

• **Anti-shake**: compensates for camera movement.

Camcorder:

• **Video size**: Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.

Settings:

- **GPS tag**: attach a GPS location tag to the photo. To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions. Your location may display on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **Review**: set this option if you want to view each picture after you take it. Select a time value.

- **Volume key**: assigns a function to the volume key. Choose from The zoom key, The camera key, or The record key.

- **Timer**: Use this for delayed-time shots. You can set the timer to Off, 2 sec, 5 sec, or 10 sec.

- **White balance**: Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.

- **Exposure value**: allows you to adjust the brightness level by moving the slider.

- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.

- **Flash**: activate or deactivate the flash.

- **Voice control**: activates/deactivates voice control feature that allows you to verbally take a photo.

- **Contextual filename**: allows you to have your location added as part of the filename. You must first activate GPS tag described above.

- **Storage**: Select the memory location for storage.

- **Reset**: Reset the camera settings.

Pictures and Videos Image Viewer Options

After you take a photo or record a video, you can access various options.

Photo viewing options

1. Tap a thumbnail to view the picture.

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

2. The following options are available at the top of the screen:
   • **Change player** 🔲 : allows you to select a different streaming device from your available list.
   • **Share via** 🔗 : allows you to share the picture via Group Play, Add to Dropbox, Bluetooth, Email, Gmail, Google+, Hangouts, Messaging, Picasa, Share by Samsung UI, and Wi-Fi Direct.
   • **Edit** 📝 : (when in Landcsape mode) allows you to edit the current image. Launches the Photo Editor application. For more information, refer to *"Editing a Photo"* on page 151

Note: The photo editor application is not preloaded and must be downloaded from the Play Store or via Samsung Apps.

   • **Delete** 🔟 : allows you to delete the current picture.

3. Press 🔳 for additional options such as:
   – **Edit**: (while in Portrait mode), allows you to assign the current image as a favorite.
   – **Favorite**: allows you to assign the current image as a favorite.
   – **Slideshow**: allows you to see your photos in a slideshow.
   – **Photo frame**: takes the current image and creates a surrounding photo frame that can be edited with edited text or drawn object, then saved.
   – **Photo note**: allows you to write notes on your current image and then save it.
   – **Copy to clipboard** allows you to copy one or more pictures to a different folder.
   – **Print**: allows you to print the current image on a compatible Samsung printer.
   – **Rename**: allows you to rename the current file.

– **Set as**: allows you to assign the current image as a Contact photo, Home screen, Lock screen, or Home and lock screens.

– **Buddy photo share**: allows you to share the current image with active buddies.

– **Rotate left**: allows you to rotate the view of the current image in a counterclockwise direction.

– **Rotate right**: allows you to rotate the view of the current image in a clockwise direction.

– **Crop**: provides an on-screen box that allows you to crop the current picture. Tap **Done** to update the image with the new dimensions or tap **Cancel** to ignore any changes.

– **Set as**: allows you to assign the current image as either a Contact photo, Home screen, Lock screen, or Home and lock screens.

– **Details**: files details such as Title, Time, Width, Height, Orientation, File Size, and Path.

– **Settings**: provides access to the Gallery options menu. Choose from SNS data management and Tags.

Video viewing options

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. Tap a video to select it.

2. Tap ▷ to play the video.

   • **Change player** 📺 : allows you to select a different streaming device from your available list.

   • **Share via** : allows you to share the video via ChatON, Add to Dropbox, Bluetooth, Email, Gmail, Google+, Messaging, Picassa, Wi-Fi Direct, or YouTube.

   • **Trim** ✂ : activates the Trim feature so that you can edit the length of the current video.

   • **Delete** 🗑 : allows you to delete the current video. Choose either **OK** or **Cancel**.

3. Press 🔲 for additional options.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send high definition videos.

Shooting Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

1. From the Home screen, tap 🔛 **Apps** ➔
   Camera to activate the camera mode.
2. Using the camera's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
3. Before you take a video, use the Volume control buttons to zoom in or out. You can magnify the video up to x4 (400 percent).

Note: Use either the Up and Down volume keys or spread/pinch the screen to zoom in or out. For more information, refer to *"Navigating Through the Screens"* on page 44

4. Tap the Video key (🎥) to begin shooting video. The red light will blink while recording.
5. Tap anywhere on the screen to re-focus the camcorder on that object. The camcorder auto-focuses on the new target area.
6. Tap the **Stop** key (⏹) to stop the recording and save the video file to your Camera album.
   – or –
   Tap the Pause key (⏸) to pause the recording.
7. Once the file is saved, tap the image viewer, then tap (▷) (**Play**) to playback your video for review.
8. Press 🔙 to return to the viewer.

Accessing Videos

When you shoot a video, the file is saved in the Camera folder. You can view your videos immediately or view them anytime in the Camera folder.

1. From the Home screen, tap 🔡 **Apps** ➔ 🖼 **Gallery**.

2. Select a folder location and tap a video icon to begin video playback.

3. Tap ⊳ **Play** to begin video playback.

    – or –

    Touch and hold the video icon from the main Gallery to select the video (indicated by a colored border) and display the following video menu context options:

    • **Share via** ⬛ : allows you to share the video via Add to Dropbox, Bluetooth, Email, Gmail, Google+, Messaging, Picassa, Wi-Fi Direct, or YouTube.

    • **Delete** 🗑 : allows you to delete the current video. Choose either OK or Cancel.

    – or –

Touch and hold a listed video file to place a check mark alongside and then press 🔲 for additional options:

– **Slideshow**: allows you to see your files in a slideshow or access the slideshow settings.

– **Hide items**: allows you to hide the current file from appearing in the Gallery.

– or –

With the video displayed on-screen (but not playing), press 🔲 for additional options:

– **Favorite**: tags the current video as a favorite file.

– **Slideshow**

– **Rename**: allows you to rename the filename of the currently selected video.

– **Details**: displays video file information.

– **Settings**: provide access to the Galley settings page. From this page you can configure the SNS data management and Tag options.

Sharing Pictures

Pictures are the best way of remembering the moment, but an even better treat is to share them with others.

Two new features allow you to either instantly share a series of pictures as they are taken or quickly share a picture without using email or messaging.

• **Share Shot** is a great way to instantly share a series of pictures among a group of users. The best example for this feature is having multiple users instantly sharing each others pictures at a company or family gathering. As each person takes a separate picture with their own device, they are all pooled together and instantly display in each user's Gallery.

No more "Email your pictures to me later". Each person walks out of the event with all the pictures taken by everyone.

This method of image transfer requires that both devices have Wi-Fi Direct active and be paired prior to use.

Note: You can only share a shot with other external users who also have their Wi-Fi Direct feature active.

• **S Beam Transfer** uses the NFC (near Field Communication) feature found on your device to transmit large files directly to another compatible device by **direct touch**.

This method of image transfer requires that you enable NFC and S Beam prior to use.

For more information, refer to *"Using S Beam to Share Pictures"* on page 147

Enabling Share Shot

Share shot is a Wi-Fi Direct group sharing feature where multiple users can Wi-Fi connect their devices and then all share each others pictures in real-time. This is really useful in group events (ex: family gathering or company party) where you don't want to have to email everyone later and make sure you all can share your pics at a later date.

For more information, refer to *"Wi-Fi Direct Setup and Settings"* on page 238

The general process is:
> • Enable Wi-Fi Direct communication
> • Pair your device with other users
> • Enable Share shot

To enable Wi-Fi Direct:

Important! The target device must already be connected to the same Wi-Fi and have its Wi-Fi Direct feature active and scanning before you can your pairing.

1. From the main **Settings** page, tap **Connections** tab.
2. Slide the **Wi-Fi** slider to the right to turn it on. The slider color indicates the activation status.
3. Tap **Wi-Fi → Wi-Fi Direct**.
   Your device automatically scans and lists Wi-Fi Direct compatible devices.

   – or –

   Tap **Scan** and select the single device name to begin the connection process to another Wi-Fi Direct compatible device.

   – or –

   Tap **Multi-connect → Scan** and select all the device names to begin the connection process to these Wi-Fi Direct compatible devices.

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

4. Tap **Done**. The direct connection is established. Confirm 📶 displays in the Status bar.
5. The recipient taps **OK** when prompted to complete the connection. Your status field now displays "Connected" and your connected device is listed on the screen.
6. Each partner (including yourself) taps **Accept** to consent to the new Wi-Fi Direct pairing.

To enable Share shot on Camera:

1. From the Home screen, tap 📷 **Camera →** ⚙️
   Quick Settings → 🔄 **Share →** 🔗 **Share shot**.
2. If you are prompted to activate your Wi-Fi Direct connection, tap **OK** and follow the activation procedures for Wi-Fi Direct.

To configure your Share Shot options:

1. Confirm the Share Shot viewfinder is active and 🔀 **Shooting modes** displays at the top of the screen.
2. Tap 🔗 **Devices for sharing with** to display list of current share shot participants.
3. Tap a participants entry and remove the green check mark to stop sharing images with select participants.
4. Tap 🔀 **Shooting modes** to regain access to the Share menu.
5. Tap 🔀 **Shooting modes** ➔ **Off** to disable share shot while maintaining a Wi-Fi Direct connection.

To take share shot images:

1. Tap 📷 **Camera** until the shutter sounds.
2. From the Home screen, tap 🔢 **Apps** ➔ 🖼 **Gallery** to locate your newly shot images located in their default storage location.
3. Confirm 📷 **Share shot images delivered/received** displays in the Notifications area of the screen.

Using S Beam to Share Pictures

This feature (when activated via NFC) allows you to beam large files directly to another compatible device that is in direct contact. These files can be larger, such as Videos, HD pictures, and other large files.You can beam images and videos from your gallery, music files from your music player, and more.

1. From the main **Settings** page, tap **Connections** tab.
2. If not already active, touch and slide the **NFC** slider to the right to turn it on.
3. Tap **S Beam** and make sure the feature is turned on.
4. If not already active, in a single motion touch and slide the **S Beam** slider to the right to turn it on.
5. On the source device (containing the desired image or video), tap 🔢 **Apps** ➔ 🖼 **Gallery**.
6. Locate and tap the selected image to open it in the preview window.

Important! Neither device must be in Lock mode or displaying the Lock screen. They must both be active and unlocked. It is recommended that the target device be on the Home screen.

7. Place the two active NFC-enabled devices back to back to begin.

Note: If the **Touch to beam** screen does not display on the source device:
- Separate the devices
- Verify the image is visible in the preview window on the source device (providing the file)
- Place the device back to back again

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8. From the **Touch to beam** screen, tap the reduced image preview to begin the transfer. After a few seconds (depending on file size) the recipient sees the transferred file displayed on their screen.

To share multiple pictures via S Beam:

1. On the source device (containing the desired image or video), tap ▦ **Apps** ➔ 🖼 **Gallery**.
2. Locate the selected folder.
3. Touch and hold the first image to place a check mark on it and touch each desired image.
4. Place the two active NFC-enabled devices back to back to begin.
5. From the **Touch to beam** screen, tap the reduced image preview to begin the transfer.
6. When prompted, separate the two devices.

Camera Gallery Options

The Gallery is where you can access the Gallery of stored camera images.

1. From the Home screen, tap **Apps ➔ Gallery**.
2. Select a folder location (ex: **Camera**) and tap an image to open it.

   – or –

   Touch and hold an image to place a box around the file and select multiple files.

   – or –

   Tap the upper-right camera to begin taking pictures that are placed in this folder.

   – or –

3. Tap the on-screen image to use additional image menu options. For more information, refer to *"Pictures and Videos Image Viewer Options"* on page 141

Sharing a Gallery Image to a Target Device

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

1. Launch Samsung Link on the target device (such as an Internet TV, Samsung Tablet, etc.).
2. From the Home screen, tap **Apps ➔ Gallery**.

Note: You must sign in to your Samsung Account before you can use this feature.

3. Open a selected image.
4. Tap (**Stream to connected devices**) and select an available target device to begin streaming.
5. 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.

6. Confirm 🖥 **AllShare Controller enabled** displays in the Notification area at the top of the device. This icon indicates that you are using your device as the media source.

Taking a Screen Shot

Also known as a screen capture, this feature allows you to mimic the print screen function on most computers.

1. From the main **Settings** page, tap **My device** tab ➔ **Motions and gestures**.

2. Touch and slide the **Palm motion** slider to the right to turn it on.

Note: At least one feature must be activated before Palm motion can be activated.

---

3. Slide a feature's activation slider to the **ON** position.

4. Display the screen you want to capture, then place the side of your palm along the one side of the device and then slowly swipe it in the opposite direction over the screen.

Assigning an Image as a Contact Photo

1. From the Home screen, tap ▦ **Apps** ➔ 🖼 **Gallery**.

2. Select a folder location and tap a file to open it.

3. Press 🔲 and then tap **Set as** ➔ **Contact photo**.

4. Tap a contact in which to assign this image.

5. Using the on-screen crop feature, crop the image by dragging it around or out from its corners.

6. Tap **Done** to store the new image.

Assigning an Image as a Wallpaper

1. From the Home screen, tap ![] **Apps** ➔ ![] **Gallery**.
2. Select a folder location and tap a file to open it.
3. Press ![] and then tap **Set as**.
4. Select one of the these options:
    • **Contact photo** assigns the current image as a Contact photo.
    • **Home screen** assigns the current image to the home screen background. This image is spread across all available screens.
    • **Lock screen** assigns the selected image to the background for the lock screen.
    • **Home and lock screens** assigns the current image to both the Home screen and Lock screens.
5. Touch and drag the crop box anywhere on the picture. Touch and drag the sides of the crop box to zoom in or out to create a cropped area.
6. Tap **Done** to assign the wallpaper image.

    – or –

    Tap **Cancel** to stop without updating the wallpaper image.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for pictures that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the picture.

1. From the Home screen, tap ![] **Apps** ➔ ![] **Gallery**.
2. Select a folder location and tap a file to open it.
3. Press ![] and then tap **Edit**.
    • **Drawing**: allows you to draw on top of the photo.
    • **Frame**: adds a frame style to this photo.
4. Select an image area by touching and holding the image and then selecting an available option:
    • **Edit image**: edits the image after you select the action in which to edit.
    • **Selection mode**: provides several on-screen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Select area, Inverse selection, Selection size, and Selection mode).
    • **Select all**: select the entire area of the current image.

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- **Clipboard**: copies the currently selected are to your device's clipboard.

5. Use the following editor controls to edit your picture:

Previous: lets you undo the current operation.

Next: lets you redo the previous operation.

Cancel/Delete: exits the current photo editing session.

Save: stores the currently edited photo.

Rotate: allows you to rotate a photo in all 4 directions. You can also mirror image a photo.

Crop: allows you to crop (cut-out) an area of a photo.

Color: allows you to Auto adjust color, Brightness, Contrast, Saturation, Adjust RGB, Temperature, Exposure, and Hue of a photo.

Effects: allows you to add various effects to your photo.

Portrait: allows you to apply various face correction effects such as: Red-eye fix, Airbrush face, Face brightness, Out-of-focus, Beauty face, Funny face, or Spot healing.

Sticker: allows you to place various pre-created on-screen stickers atop your current image.

Drawing: allows you to add draw directly on your current picture by using either a brush/pen or eraser.

Frame: places a pre-created border style atop your current image.

6. Press ▤ to access the following options:
- **Save as**: allows you to rename your current image and save it to your gallery.
- **Select image**: allows you to select a new image for editing.
- **Take picture**: allows you to activate the camera and take a new image for editing.

- **Share via**: allows you to share your saved photo via Add to Dropbox, Bluetooth, Email, Gmail, Google+, Group Play, Hangouts, Memo, Messaging, Picasa, S Memo, or Wi-Fi Direct.
- **Set as**: assigns the currently saved image as either a: Contact photo, Home and lock screens, Home screen, or Lock screen.

The Gallery

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

Note: If the phone displays a memory full message when accessing the Gallery, access **Files** and remove some of the media files from the folders, and then open the Gallery.

Opening the Gallery

■ From the Home screen, tap ▦ **Apps** ➔ ◪ **Gallery**. For more information, refer to *"Camera Gallery Options"* on page 149

Note: If you stored your files in folders (directories) on the storage card, Gallery displays these folders as separate albums. The top left album contains all the pictures in the storage card.

Viewing a Video within the Gallery

1. From the Home screen, tap ▦ **Apps** ➔ 📷 **Gallery**.
2. Locate your folder and video.
3. Tap ⊳ (**Play**) to playback your video.

AllShare Cast Hub

This hardware allows you to enjoy what's currently on your device directly on your TV.

Note: There is no need to be connected to a Wi-Fi network or to be logged into your Samsung Account to use this feature.

AllShare Cast Hub establishes a WI-Fi Direct connection between the device and the hub.

For more information about this device, go to:

http://www.samsung.com/us/mobile/cell-phones-accessories/EAD-T10JDEGSTA

Connecting AllShare Cast Hub

To connect your AllShare Cast Hub hardware:

Screen Mirroring (with Hub accessory)	This feature functions with an external AllShareCast Hub to fully mirror what is currently displayed on your device to the external TV.

1. Connect the AllShare Cast Hub to a power source using the USB Travel Adapter.

Note: The status LED begins to blink solid red to indicate the startup process has begun.

LED Color/Patterns	Description
Red - Solid	Indicates the AllShare Cast Hub is booting or processing.
Red - Blinking	Indicates the AllShare Cast Hub is in standby mode (ready for connection).
Blue - Solid	Indicates the AllShare Cast Hub is ready to be connected with a new device.

2. Connect your TV to the AllShare Cast Hub via an HDMI cable (A-to-A cable).

3. Change the source input on your TV to match the input port used by the incoming HDMI cable.

Note: The television screen should now display an on-screen tutorial showing you how to configure your device's AllShare Cast Hub and device settings.

To activate Screen Mirroring on your device:

1. From the Home screen, press ▤ and then tap **Settings** ➔ [Connections icon] **Connections** tab ➔ **Screen Mirroring**.

2. If not already on, tap the **Screen Mirroring** and then move the slider to the right to turn it on. The slider color indicates the activation status.

Section 8: 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 launch 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.

Note: This manual only addresses applications that were 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 *"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.

Accessing Applications

1. Press ▭ **Home**, then touch ▦ **Apps**, and the **Apps** tab. The **Apps** screen displays.

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

3. Touch the application's icon to launch the app.

Downloading and Installing Apps

Find new apps to download and install on your device:

- **Play Store**: For more information, refer to *"Play Store"* on page 194.

- **Samsung Apps**: For more information, refer to *"Samsung Apps"* on page 201.

Customizing the Applications Screens

Choosing a view

By default, application icons display 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. Touch **Save** when you are finished.

Filtering Application icons

You can select which icons display 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 display on the **Apps** screen by touching their icons (check marks display in their check boxes), then touch **Done**. The **Apps** screen displays without the hidden applications.

Applications List

Calculator

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

1. From the Home screen, tap **Apps** ➔ **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 displays. 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**. Touch Small, Medium, or Large.

9. 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.

1. From the Home screen, tap **Apps** ➔ **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.
   • **Sync**: Synchronize your phones calendar with your account calendars.

- **Calendars**: Displays the calendar types and edit them. You can also add an account and calendar.
- **Settings**: Customize the calendar.

Customizing the Calendar

1. From the Home screen, tap ▦ **Apps** ➔ 📅 **Calendar**.

2. Touch ▤ **Menu** ➔ **Settings** to configure these settings:

   - **View settings**:
     - **View styles**: Choose Month view style (Calendar view + pop-up or Calendar view + list) and/or Week view (Timeline, Analog).
     - **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.
  - **Quick responses**: Pre-composed text to include with email notifications to meeting attendees, guests, and so on.

Sending Events

Send events as vCalendar files to other compatible devices.

1. From the Home screen, tap ⬛ **Apps** ➔
   📅 **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.

Camera

Use your 5 megapixel camera feature to produce photos in a JPEG format. The Camcorder shoots High Definition video in an MP4 format.

Note: A microSD card is no longer necessary before you take pictures or shoot video.
It is recommended that you confirm your default storage location for images and videos.

■ From the Home screen, tap ⬛ **Apps** ➔
   📷 **Camera**.

For more information, refer to *"Using the Camera"* on page 135.

ChatON

Provides a global mobile communication service where you can chat with more than 2 buddies via a group chat. Share things such as pictures, videos, animation messages (Scribbles), audio, Contacts, Calendar entries, and Location information.

For more information, visit: https://web.samsungchaton.com.

1. From the Home screen, tap ▦ **Apps** ➔ 🟠 **ChatON** .
2. At the ChatON display, tap **Sign in** to sign in to your Samsung account if you have not already done so. For more information, refer to *"Creating a Samsung Account"* on page 14

   – or –

   Tap **Skip** if you have already signed in to your Samsung account.
3. Enter your real name and tap ✔ **OK**.
4. Follow the on-screen instructions to add a buddy and begin your chat session.

Chrome

The Google Chrome app allows you to use the Google Chrome Web browser on your device.

1. From the Home screen, tap ▦ **Apps** ➔ 🟠 **Chrome**.
2. Read the Google Chrome Terms of Service and tap **Accept and Continue**.
3. If you have an existing Chrome account, tap **Sign in** to bring your open tabs, bookmarks, and omnibox data from your computer to your phone, otherwise tap **No thanks**.
4. Follow the on-screen instructions to use Google Chrome.

City ID

Subscribe to City ID to display city and state for incoming calls and to look up city and state information for phone numbers.

Note: City ID requires a subscription, after a limited free trial.

■ From the Home screen, tap **Apps** ➔ **City ID**.

Clock

Here you can set an Alarm, configure and view the World clock, use a Stopwatch, set a Timer, or use a Desk Clock. The applications display in a tabular format and quickly accessed with the touch of a finger.

■ From the Home screen, tap **Apps** ➔ **Clock**.

Setting an Alarm

1. From the Home screen, tap **Apps** ➔ **Clock**.
2. From the **Alarm** tab, tap **Create alarm**.
3. Use the arrow symbols to enter adjust the hour, and minutes, then tap **AM** or **PM** (toggles depending on which was last selected).

4. Tap the **Alarm repeat** field and touch the number of times you want this alarm to repeat. Selections are: day blocks or **Repeat Weekly**. Selected day blocks turn blue when active.
5. Tap the **Alarm type** field and select one of the following: **Melody**, **Vibration**, **Vibration and melody**, or **Briefing**.
6. Tap **More** to configure additional alarm settings such as volume slider, Alarm tone, Location alarm, Snooze, Smart alarm, and assign a name.

To configure additional alarm settings:

1. Tap **More** to access additional alarm settings.
2. Tap the **Alarm tone** field and either select an available tone or select **Add** to use locate a sound to use as an alarm ringtone. Tap **OK** to activate the ringtone.
3. Slide the slider bar left or right in the **Alarm volume** field to decrease or increase the alarm volume. A sample of the volume level plays.
4. Move the **Location alarm** slider to the right to activate the feature, then follow the on-screen instructions to enter a location. When activated, the alarm only sounds when you are at a specific location.

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5. Move the **Snooze** slider to the right to activate the feature. Tap the field to assign a **Interval** time (3 minutes, 5 minutes, 10 minutes, 15 minutes, or 30 minutes) and **Repeat** (1 time, 2 times, 3 times, 5 times, and 10 times).

   • **Interval** indicates the length of time the alarm will remain silent between alarm notifications (snooze time).

   • **Repeat** indicates the numbers of snooze sessions that are assigned to this alarm. How many times will the snooze silence the alarm.

6. Move the **Smart alarm** slider to the right to activate this feature which slowly increases screen brightness and the volume of nature tones to simulate dawn breaking. Tap the field to assign a interval time (1 minute, 3 minutes, 5 minutes, 10 minutes, 15 minutes, or 30 minutes) and nature tone (Fairy fountain, Birdsong by the lake, Sparkling mist, The secret forest, Serenity, or Gentle spring rain).

   • **Interval** category describes the length of time the alarm will remain silent between alarm notifications (snooze time).

   • **Tone** category provides one of several nature sounds that are used as the alarm tone.

7. Tap the **Name** field and enter a name for this Alarm.

8. Tap **Save** to store the new alarm event.

Turning Off an Alarm

■ To stop an alarm when it sounds, touch and slide to any direction.

Setting the Snooze Feature

■ To activate the Snooze feature after an alarm sounds, touch and slide to any direction. Snooze must first be set in the alarm settings.

Deleting an Existing Alarm

1. From within the **Clock** application, touch and hold an on-screen alarm event.

2. Tap **Delete**.

World Clock

This feature allows you to find out what time it is another part of world.

1. From within the **Clock** application, tap the **World clock** tab.

2. Tap **Add city** then scroll and select the desired city, or tap in the search field to locate a city.

To assign DST settings:

1. Locate a desired city from the World clock list.
2. Touch and hold a city and select **DST settings**.
3. Select a DST setting (Automatic, Off, or 1 hour).
   If Daylight Savings Time is selected, a sun symbol displays next to the World Clock city listing.

Stopwatch

This feature allows you to capture elapsed time while letting the stopwatch keep running.

1. From within the **Clock** application, tap **Stopwatch** tab.
2. Tap **Start** to start the stopwatch counter.
3. Tap **Lap** to begin the lap time counter.
4. Tap **Stop** to stop the counter.
5. Tap **Restart** to restart the lap counter. You can have multiple lap times.
6. Tap **Reset** to reset the counter.

Setting a Timer

1. From within the **Clock** application, tap **Timer** tab.
2. Tap the **Hours**, **Minutes**, or **Seconds** field and use the on-screen keypad to enter the hour, minute, or seconds. The timer plays an alarm at the end of the countdown.
3. Tap **Start** to start the timer.
4. Tap **Stop** to stop the timer or **Reset** to reset the timer and start over.
5. Tap **Restart** to resume the timer counter.

Configuring a Desk Clock

This feature lets you activate an on-screen clock that can be viewed when the device is docked.

1. From within the **Clock** application, tap **Desk clock** tab. The default Desk clock displays.

Note: You might have to scroll across the tabs to locate the Desk clock tab at the far right.

2. To make changes, press 🔲 and then tap **Settings**. The following options are displayed while in full-screen mode:

 • **Calendar**: when this is checked, the calendar displays. Tap to uncheck.

 • **Weather**: when this is activated, the location, temperature, and weather condition displays. 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. For more information, refer to *"Accessory"* on page 272

3. Tap 🔀 to display the Desk clock in full-screen mode.

4. To make changes in full screen mode, press 🔲 and then tap:

 • **Edit shortcuts**: allows you to edit the shortcuts shown at the bottom of full screen mode.

 • **Hide/Show shortcuts**: allows you to hide or view the current on-screen shortcuts located along the bottom of the full screen mode.

 • **Settings**: provides access to the Desk clock settings menu from where you can alter the following: Hide status bar, Wallpaper, Calendar, Weather, and Dock.

 • **Date and time**: provides access to the Date and time menu.

Contacts

The default storage location for saving phone numbers to your Contacts List is your phone's built-in memory.

 ▪ From the Home screen, tap 🔡 **Apps** ➔ 👤 **Contacts**.

For more information, refer to *"Contacts List"* on page 87

Downloads

Provides quick access to tabs containing a list of your current downloaded files (Internet and Other).

1. From the Home screen, tap 🔡 **Apps** ➔ ⬇ **Downloads**.

2. Place a check mark on an available file to select it.

3. Choose an available action such as Share, Delete, Sort by size/date, or Clear list.

Dropbox

Works to provide access to your desktop files directly from your device. This applications allows you to bring your files with you when you're on the go, edit files in your Dropbox from your device, upload photos and videos to Dropbox, and share your selected files freely with family and friends.

The in-device application works in conjunction with a partner program placed on a target computer using an active Internet connection.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your Dropbox on your computer, and its automatically updated to the same folder on your other devices.

Download the Desktop application

1. Use your computer's browser to navigate to: http://www.dropbox.com/.

Important! The computer application must be installed on the computer containing the desired files. This computer must have an active Internet connection.

2. Follow the on-screen setup and installation instructions on your target computer containing the desired files.

Note: It might be necessary to configure your router's firewall settings to allow this application to gain access to the Internet.

Accessing Dropbox on your Device

1. From the Home screen, tap ▦ **Apps** ➔ 📦 **Dropbox** ➔ **Start**.

2. Tap **Sign in**, enter your current account credentials, and tap **Sign in**.

   – or –

   Tap **Sign up for Dropbox** and follow the on-screen instructions to register for a new account.

3. Follow the on-screen instructions.

4. Initially, you will need to configure your **Camera Upload** parameters. Choose from Wi-Fi only or Wi-Fi or data plan.

   • Tap **Turn on Camera Upload** after making your selection.

Caution! Enabling this feature can incur data charges (depending on your plan) if the Wi-Fi or data plan is selected.

5. Tap ![Access Dropbox icon] **Access Dropbox** at the top of the application window to access the files and folders you area currently sharing from your computer.

6. Tap an item to open it.

7. Tap the bottom of the image to reveal additional options:

   • **Delete** to erase the current file.
   • **Add to Album** to create a new album and add a series of images.
   • **Share** via applications such as: Copy link, Bluetooth, Email, Gmail, Google, Google+, Hangouts, Memo, Messaging, or Wi-Fi Direct.

• **More** to choose from options such as:
   – **Open with...** to open the current file with the default in-device application.
   – **Export** to transfer the current file to another location via: Save to SD card, Bluetooth, Email, Gmail, Google+, Group Play, Hangouts, Messaging, Picasa, Share by Samsung UI, or Wi-Fi Direct.

8. Tap ![Up a Directory Level icon] (**Up a Directory Level**) at the top of the application window to navigate up a single level with every tap.

9. Tap ![Camera Uploads/Albums icon] (**Camera Uploads/Albums**) at the top of the application window to access your Uploads and Albums tabs.

10. Tap ![Tag as Favorite icon] (**Tag as Favorite**) at the top of the application window to assign favorite files.

Manually uploading a Picture to Dropbox

1. From the Home screen, tap **Apps** ➔ **Camera**.
2. After the image is taken, tap the Image Viewer box at the bottom right. This previews the current image.
3. Tap the image to reveal the image options at the top of the screen.
4. Tap ➔ **Add to Dropbox** select a folder location and tap **Upload**.

Note: If your share folder is located on your computer, you will momentarily receive an on-screen popup notifying you that a new image was uploaded to your shared Dropbox folder.

Email

Email enables you to review and create email using most email services. The device alerts you when you receive an email message.

■ From the Home screen, tap **Apps** ➔ (**Email**).

For more information, refer to *"Using Email"* on page 123.

Flipboard

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

1. From the Home screen, tap **Apps** ➔ **Flipboard** .
2. Swipe up on the Flipboard screen, then tap **Flipboard Account** at the top of the display.
3. Tap **Create** to set up a new Flipboard account.
   – or –

   Tap **Sign In** to log into your previously created profile.
4. Follow the on-screen instructions to use Flipboard.

Gallery

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

■ From the Home screen, tap ▦ **Apps** ➔ ◩ **Gallery**.

For more information, refer to *"The Gallery"* on page 157.

Gmail

Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the Web.

■ From the Home screen, tap ▦ **Apps** ➔ ⋈ **Gmail**.

For more information, refer to *"Using Google Mail"* on page 135.

Google

Use Google Search to search the Web.

■ From the Home screen, tap ▦ **Apps** ➔ 8 **Google** and enter the search text.

– or –

Tap 🎤 on the Google Search bar and say the search information.

Google Settings

As Google has become more intertwined with other applications, this menu provides a quick and ready access point to configure preferences for Google+, Maps & Latitude, Location, etc.. You can also use the Search function to initiate a Google Search from this menu.

1. From the Home screen, tap ▦ **Apps** ➔ 8ᵉ **Google Settings** and select an on-screen option.

2. Tap one of the following options: **Apps with Google+ Sign in**, **Google+**, **Location**, **Maps & Latitude**, **Search**, and **Ads**.

3. Follow the on-screen prompts.

Google +

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

■ From the Home screen, tap **Apps** ➔ **Google+**.

For more information, refer to *"Google +"* on page 137.

Group Play

This application lets you share documents, photos or music in real-time with other connected friends.

Note: Group play is not the same as Screen mirroring which requires a connection to a Wi-Fi capable Samsung TV or via the use of the AllShare Cast Hub.
For more information, refer to *"AllShare Cast Hub"* on page 158

Important! To share a Group Play, all users must be connected to the same Wi-Fi access point.

1. From the Home screen, tap **Apps** ➔ **Group Play**.
2. Read the on-screen information and tap **Agree** to continue.
3. Follow the on-screen tutorials.

Creating a group

If you have media you want to share, create a group for other users to join to and then share/collaborate with what you are sharing.

The creator of the group is the leader and it the source of the shared file. All other joined members can then interact with the file being shared.

1. Connect to an active Wireless Access Point and confirm your other participants are also connected to this same Wi-Fi.

2. From the Home screen, tap ▦ **Apps** ➔ 🖼 **Group Play**.

3. Tap the **Set group password** field to enable the function which requires users to enter a password prior to connecting to your new group.

4. Tap **Create group**. If previously selected, enter your group password and tap **OK**. Mobile AP is enabled.

5. Tap one of the media items listed under the **Share and play content** heading.

6. Tap to select the items you want to share (indicated by a check mark), then tap **Done** or **OK**.

7. Have your friends sign onto Group Play from their devices (see below) and they can view your media using you as a Mobile AP.

Joining a group

A joiner is the participant of an already created group. You can only view and interact with media shared by the leader of an existing group.

1. Connect to an active Wireless Access Point and confirm your connection is this same Wi-Fi as the group leader.

2. From the Home screen, tap ▦ **Apps** ➔ 🖼 **Group Play**.

3. Tap **Join group**. Your device then scans for available groups for you to join.

4. Select a group to join. Once connected, you can then select the shared content and interact with your group's shared media.

5. Press ▤ and select **Help** for additional information.

Hangouts

Previously known as Google Talk™, is an updated place to hangout, share photos, and even video calls. This is a free 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.

■ From the Home screen, tap 🔢 **Apps** ➔ 💬 **Hangouts**.

For more information, refer to *"Hangouts"* on page 137.

Help

Provides access to built-in Help information.

1. From the Home screen, tap 🔢 **Apps** ➔ ❓ **Help**.

2. Select an on-screen topics for more information:
   • **New features**: provides help on all of the new features and applications such as Smart screen and Group Play.
   • **Basics**: provides basic information on using your device such as Keys, Lock screen, Notifications, Home screen, Keyboard, Phone, Messaging, and Update your device.
   • **Settings**: provides information on settings for Wi-Fi, Bluetooth, Ringtone, Power saving mode, NFC, and Screen Mirroring.
   • **Applications**: provides information on how to use basic applications like Contacts, Email, Internet, Camera, etc.

Accessing the Internet

To access the Browser:

■ From the Home screen, tap 🔢 **Apps** ➔ 🌐 **Internet**.

Local

Local (formerly known as Google Places) displays company logos on a layer of Google Maps. When viewing an area you can quickly locate a business or person, find out more information about the business, see coupons, public responses, and more.

1. From the Home screen, tap **Apps** ➔ **Local**.
2. Tap **Q** (**Search**) and then use the **Search Maps** field to manually enter a desired place or choose from among the various categories. Matches are filtered by those closest to your current location.
3. Locate and tap one of the listed places (Restaurants, Cafes, Bars, Attractions, [user added searches], RECOMMENDATIONS, or IN THIS AREA a list of places within this category displays.
4. Tap the Maps icon to launch the related maps feature.
5. Press **目** and then tap **Add a search**. The functions adds additional search shortcuts to the places screen.

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important! Before using Google Maps you must have an active data (3G/4G/LTE) or Wi-Fi connection. The Maps application does not cover every country or city.

■ From the Home screen, tap **Apps** ➔ **Maps**.

Important! For best results, it is recommended that you enable all of your location services. For more information, refer to *"Location Services"* on page 289.

Enabling a Location source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

Important! The more location determining functions are enabled, the more accurate the determination is of your position.

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1. From the main **Settings** page, tap **More** tab ➔ **Location services**.
2. Tap **Use GPS satellites** to enable the GPS satellite.
3. Tap **Use wireless networks** to allow apps to use data from sources such as Wi-Fi and mobile networks to provide a better approximation of your current location.
4. Tap **My places** to enable the storage of your favorite locations.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Opening Maps

1. From the Home screen, tap **Apps** ➔ **Maps**.
2. Tap the upper-right My location button to find your location on the map with a blinking blue dot.
3. Locate the bottom row of the buttons to access additional options:
   - **Search**: allows you to search for a place of interest.
   - **Directions**: displays navigation directions to a location from a starting point.

- **Local**: provides access to the places menu where you can quickly locate a business or person, find out more information about a business, see coupons, public responses, and more (Local). Locate and tap one of the listed places (Restaurants, Cafes, Bars, Attractions, or select from available categories such as Entertainment, ATMs, Gas stations, Hotels, Post office, or Taxi.)

- **Layers**: allows you to switch map views:
  - **Traffic**: (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.
  - **Satellite**: Maps uses the same satellite data as Google Earth. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.
  - **Terrain**: combines a topographical view of the area's terrain with the current map location.
  - **Transit Lines**: displays the overlapping transit lines on your map.
  - **Latitude**: allows you to see your friend's locations and share your location with them.
  - **My Maps**: displays a list of your preferred maps.
  - **Bicycling**: displays the overlapping cycling trails on your map.
  - **Wikipedia**: displays any Wikipedia markers and info on your map.

4. Press ▤ and select one of the following options:
   - **Clear Map**: allows you to remove all markings and layers from the map.
   - **Make available offline**: allows you to store map-related information locally on your device and access it even when the device is offline.
   - **Settings**: allows you to select the following additional options:
     - **Display**: allows you to enable/disable the Zoom Buttons, Scale Bar, and Bubble action.
     - **Offline and cache**: allows you to set options to pre-fetch map tiles when not using Wi-Fi and to clear the cache that holds the map tiles. Choose from: Automatic caching, Clear all map titles, or Clear My Places cache.
     - **Location settings**: lets you access and configure the location settings.
     - **Sign in**: allows you to sign into your current Google account.

- **Labs**: this is a testing ground for experimental features that aren't ready for primetime. They may change, break or disappear at any time. Click on a Lab to enable or disable it.
- **What's New**: provides access to the Play Store from where you can update the application manually.
- **About**: displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.
- **Feedback**: allows you to provide application feedback.
- **Terms, Privacy & Notices**: displays the Terms and Conditions, Privacy Policy, or Legal Notices information. Select the desired information from the pop-up menu.
- **Help**: provides help information.

Messages

This application allows you to use the Short Message Service (SMS) to send and receive short text messages to and from other mobile phones.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile phones.

■ From the Home screen, tap ▦ **Apps** ➔ ✉ **Messages**.

For more information, refer to *"Messages"* on page 109.

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 device.

■ From the Home screen, tap ▦ **Apps** ➔ ▭ **Messenger**.

For more information, refer to *"Messenger"* on page 138.