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Samsung GALAXY H[®]

available at T-Mobile[®]

4 G L T E S M A R T P H O N E

User Manual

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

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Dynamic Noise Suppression from Audience

Your phone is equipped with an advanced voice processing chip that delivers clear mobile calls by suppressing background noise, intermittent sounds (like a siren or nearby conversation), and echoes, allowing you to hear and be heard nearly anywhere.

How Does It Work?

Based on the intelligence of the human hearing system, the technology:

- Captures, evaluates and distinguishes all the sound signals surrounding your phone, and the person you're speaking with.
- Then isolates the primary voice in conversation and filters out the background noise - so the person you're calling hears only your voice, without disturbing background noise.
- Dynamically equalizes and adjusts voice volume to optimize your calling experience, so you can hear clearly and don't need to speak louder to overcome surrounding noise.

The noise suppression technology is built-in and already enabled in your new mobile phone. So it's ready to provide unsurpassed voice clarity with every call.

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Section 1: Getting Started

This section explains how to get started with your phone by installing and charging the battery, installing the micro SIM card and optional memory card, and setting up your voice mail.

Before using your device for the first time, you'll need to install and charge the battery and install the micro SIM card.

The micro SIM card is loaded with your subscription details, such as your PIN, available optional services, and many other features. If desired, you can also install an SD card to store media for use with your phone.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 358.

Also included is important safety information that you should know before using your device. This information is available near the back of the guide, beginning on page 321.

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

Unless otherwise specified, all instructions in this manual assume you are starting from the Home screen and using the available keys.

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

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

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

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Special Text

Throughout 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.
- **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: From the Home screen, press  (Menu) → Settings → Connections tab → Bluetooth.

Removing the Battery Cover

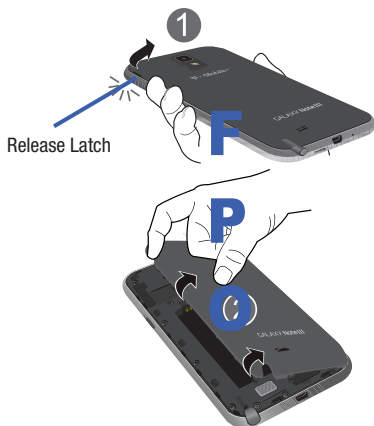
The battery, micro SIM card and SD card are installed under the battery cover.

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 Device options pop up 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).



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.

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 Device options pop up 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.

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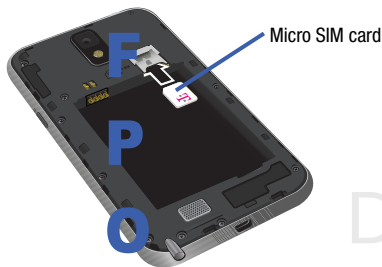
Some features on your device (such as Wi-Fi Calling) can be unlocked by using the new micro SIM card.

To use this new micro SIM card, call or contact T-Mobile customer service for more information.

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

To install the SIM card:

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



2. Make sure that the card's gold contacts face into the device 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. Remove the battery (page 12).
3. Carefully place your fingernail into the end of the micro SIM slot and begin to pull the card slightly out.
4. 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 will be available. If this happens, turn off the device, remove the card, and reinstall the card in the correct orientation.

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

Important! The microSD memory card is inserted just above the micro SIM card. Take care not to dislodge the micro SIM card during the installation of the microSD card.

1. Remove the battery cover.
2. Locate the microSD card slot on the inside of the device and just above the micro SIM card.
3. Orient the card with the gold strips facing down.
4. Carefully slide the microSD card into the card socket until it is securely installed.

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

Note: microSD cards should be formatted within the Storage menu. Using an older or slow microSD card can affect camera performance, especially for video recording.



To remove the microSD Memory Card:

1. Remove the battery cover.
2. Remove the battery (page 12).
3. Carefully place your fingernail into the end of the micro SIM slot and begin to pull the card slightly out.
4. Replace the battery cover.

Installing the 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 until the Device options pop up displays, then tap **Power off**.

To install 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).

To remove the battery:

- Grip the battery at the top end and lift it up and out of the battery compartment.



Replacing the Battery Cover

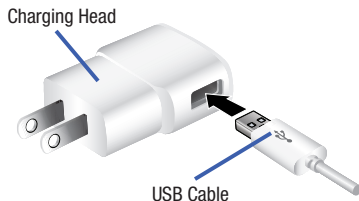
- Position the battery cover over the battery compartment and press down until you hear a click.

When replacing the battery cover, do not apply pressure to the screen ("squeeze") as this can damage the screen.

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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 should fully charge the battery.



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.



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 345.

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** → **Device tab** → **Display** → **Show battery percentage**.

Display Settings

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.
- Use the Power Saving feature to deactivate some hardware and interface functions.
- Check the Battery use screen to review what features or functions have been consuming your battery resources.
- Check the Running Services and close any unnecessary applications.

- 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.

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.

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 289.

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To turn the device off:

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

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. Follow the on-screen setup instructions.

Note: Enabling Google location services can drain battery power.

For more information, refer to “*Creating a Samsung Account*” on page 303.

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

4. Tap **Finish** to complete the setup process.
5. Read the on-screen Collect diagnostics information.

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

6. 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** → **General** tab → **Backup and reset** → **Collect diagnostics** and turn off the **Allow Diagnostics** feature. For more information, refer to “*Collect Diagnostics*” on page 309.\

Restarting the Device

1. Press and hold  (Power/End) until the Device options screen appears.
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 316.

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  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.

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Accessing Your Voicemail

To access Voicemail using the menu:

1. From the Home screen, tap  and then touch and hold  until the device dials voicemail.
2. When connected, follow the voice prompts from the voicemail center.

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Section 2: Understanding Your Device

This section outlines key features of your device. It also describes the device's keys, screen and the icons that display when the device is in use.

Features of Your Device

Your device is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your device.

- Touch screen with virtual (on-screen) QWERTY keyboard
- Brilliant 4.99XX??” HD Super AMOLED® screen (1920 x 1080)
- 1.9XX?? GHz quad-core processor
- 4G LTE and High Speed Packet Access Plus (HSPA+).
- Android 4.3, Jelly Bean Platform
- USB 3.0 connector for fast transfer speeds
- Smart Switch™ compliant. For more information, see www.samsungsmartswitch.com
- Support for Air View® and Air Gestures®.
- S Pen functionality
- Wi-Fi® Capability
- WatchON® – Rich TV experience with Infrared (IR) remote

- Access Movies, TV Shows, Music, Games, and Books with Samsung Hub™
- Samsung Link™ to share your media content across connected devices. Cloud connectivity is enabled via the use of an external Web storage service
- Compliant with AllShare Cast Hub®
- 13 Megapixel Camera and Camcorder with autofocus and digital zoom XX??
- 2 Megapixel Front Facing camera for Video Chat XX??
- Share Shot picture sharing functionality, Camera sharing via multi-connect Wi-Fi Direct connection
- S-Beam file transfer technology
- 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
- Pre-loaded e-reader applications such as: Play Books™ and Play Magazines™
- Assisted GPS (Google Navigation)
- Webkit-based browser
- Expandable memory slot - supports up to 64GB microSD
- Mobile HotSpot and USB Tethering-capability
- T-Mobile® TV
- Video Chat via Google Hangouts
- Google Play™ Music
- Wi-Fi® Calling via the use of a micro SIM card
- HD Video Player 1080p
 - Codec: MPEG4, H.264, H.263, VC-1, WMV7/8, VP8, MP43
 - Format: 3GP (MP4), WMV (ASF), AVI, and DivX

- Video Player support for PIP (Picture in Picture) viewing
- DivX Certified® to play DivX® video up to HD 720p, including premium content

Front View

The following illustrations show the main elements of your device. The following list correlates to the illustrations.

1. **Indicator light** illuminates with a series of distinct colors and flashing patterns to indicate different notifications and statuses. Events include Charging, Low battery, and Missed event:
 - Powering on - **blue** blinks/animates
 - Battery Charging - **red** remains on
 - Battery Fully Charged - **green** remains on.
 - Low Battery or Charging Error- **red** blinks/animates
 - Missed Notification (Call or Messaging) - **blue** blinks/animates

For more information, refer to “LED Indicator” on page 269.

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2. **Light (RGB) Sensor** lets you use the ambient light level to adjust the screen brightness/contrast. This sensor decreases screen brightness in dim light.

- In a bright light condition (outdoors), the sensors cause the device to increase the brightness and contrast for better viewing.
- In dim light conditions, the device decreases the screen brightness to compensate.

3. **Menu key** displays a list of options available for the current screen. From the Home screen it displays Add apps and widgets, Create folder, Set wallpaper, Edit page, Search, and Settings options.

4. **Home key** displays the Home screen when pressed. Press and hold to display your recent apps, Task manager, and Remove all option. Double-press to activate S Voice.



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5. **Microphones** are used during phone calls and allow other callers to hear you clearly when you are speaking to them. There are two microphones on the device:
 - Bottom microphone: used during handset mode.
 - Top microphone: used while an active call is in the speakerphone mode and assists in noise cancellation (2 microphone solution).
6. **USB Power/Accessory connector** allows you to connect a power cable or optional accessories such as a USB/data cable.
7. **Back key** redisplay the previous screen or clears entries.
8. **Display** shows all the information needed to operate your phone, such as the connection status, received signal strength, phone battery level, and time.
9. **Front Facing Camera** allows you to take pictures while facing the screen and allows you to video conference.
10. **Gestures Sensor** used to detect Air View and Air Gesture motions.

11. **Proximity Sensor** detects how close an object is to the surface of the screen. This is typically used to detect when your face is pressed up against the screen, such as during a phone call.
 - While talking on the phone, the sensor detects talk activity and locks the keypad to prevent accidental key presses.
12. **Receiver** allows you to hear the other caller.

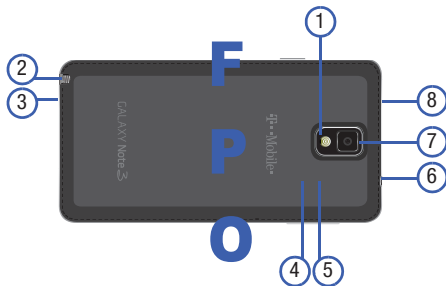
Back View

The following illustration shows the external elements of your Device:

1. **Flash** is used to take photos in low-light conditions.
2. **S Pen** provides a stylus that assists you in performing different functions.
3. **External speaker** allows you to hear ringers, music, and other sounds offered by your device.
4. **micro SIM Card Slot** (internal) Installation location for SIM card.

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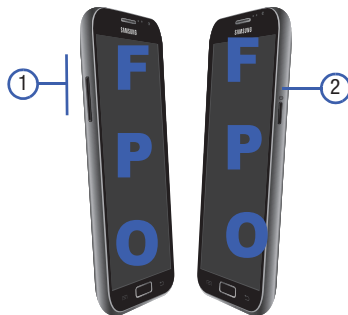
5. **microSD Card Slot** (internal) allows you use a microSD card to expand the memory of your device.



6. **Headset jack** allows you to connect a hands-free headset so you can listen to music.
7. **Camera lens** is used to take photos.
8. **IR Transmitter** used to emit infrared signals used for controlling external devices. For more information, refer to “*WatchON*” on page 224.

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 access the Device options screen.

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 33.



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 is displayed in the Status bar area.



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



Displays when the microphone is muted. Icon is displayed 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 283.



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 → Device tab → Display** menu.



Displays your battery is currently charging.



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



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



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



Displays when connected to the EDGE network.



Displays when your phone is communicating with the EDGE network.



Displays when connected to the 3G network. 3G indicator is only seen when roaming.



Displays when your phone is communicating with the 3G network. 3G indicator is only seen when roaming.



Displays when connected to the HSPA+ network.



Displays when your phone is communicating with the HSPA+ network.



Displays when your phone is communicating with the 4G LTE network.



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



Displays when there is a new text message.



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



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



Displays when there is a new voicemail message.



Displays when there is a new visual voicemail message.



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



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



Displays when a new Google+ notification has been received.



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



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



Displays when the T-Mobile Name ID application did not recognize a recent number and would like to know whether you wish to Not add, or add as a New or Existing number.



Displays when the time and date for a Calendar Event has arrived. For more information, refer to “*Calendar*” on page 150.



Displays when an alarm is set. For more information, refer to “*Setting an Alarm*” on page 156.



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 265.



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 288.



Displays when the Hands-free Mode is active. For more information, refer to “*Hands-free Mode*” on page 295.



Displays when Bluetooth technology is active and enabled.



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



Displays when the B is active and communicating with your device. XXX??



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 124.



Displays when a screen capture has been taken and stored in the clipboard. For more information, refer to “*Using Motions and Gestures*” on page 46.



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 143.



Displays when updates are available for download.



Displays when a Play Store download has completed.



Displays when Hangout updates are available for download.



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 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 “Tethering and Mobile HotSpot” on page 248.



Displays when Wi-Fi is being used as a Mobile HotSpot feature is active and communicating. For more information, refer to “Tethering and Mobile HotSpot” on page 248.



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 the Wi-Fi calling feature is active and you are using it within your current active call.



Displays when there is an error in the use or 911 registration of the Wi-Fi Calling feature.



Displays when you are currently in Emergency calling mode. You must exit this mode to resume normal calling function.



Displays in the notifications window when a new T-Mobile account information is available.



Displays in the notifications window when there are too many on-screen notification icons to display. Tap to show more notifications.



Tap to select a text input method.



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 your device's GPS is on and communicating.



Displays when the external SD card (internal microSD) has been disconnected (unmounted) from the phone and is now ready for either removal or formatting.



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 when the microSD card has been improperly or unexpectedly removed.



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 when Power saving mode is enabled.



Displays when the Power saving alert notification has been activated. You are then prompted to view your current battery level.



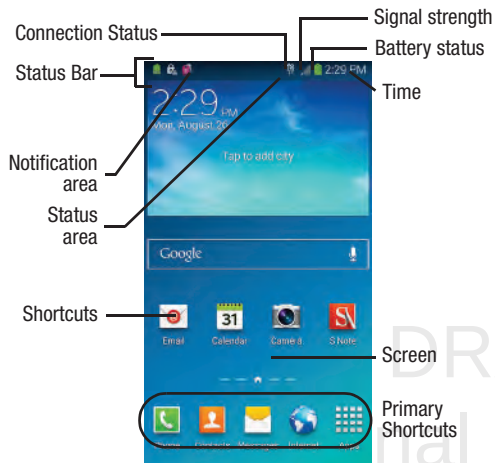
Displays when TTY device has been inserted.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 235.

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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.



- **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 appear 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 32).
- **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).
 - **Messages** () 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).
- **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 170.

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. In a single motion, 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.

– or –

Using two fingers, touch and drag the Status bar downwards 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. In a single motion, touch and hold a desired function then drag it to the top row.

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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 five default 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 shortcut** 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, ChatON, Email, Evernote - Create Note, Flipboard, Gmail, Google, Google+, Hangouts, Messages, S Note, Scrapbook, and Wi-Fi Direct.
5. The recipient will be 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 in a single motion, 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 shortcut** 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 35.
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. In a single motion, 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 appear 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 appear 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.

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To remove a Widget:

1. Touch and hold a Widget until it unlocks from the current screen.
2. Drag the widget over the **Remove shortcut** 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 **Device** tab → **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 screens**.

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 **Device** tab → **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 **Wallpapers**, scroll through the images, tap a wallpaper image, then tap **Set wallpaper**.

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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: tap an Application icon to open the application.
- **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 34.

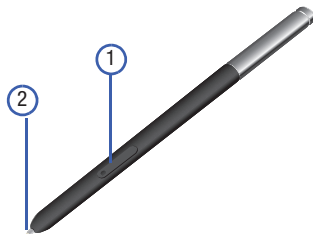
- **Motion Navigation and Activation:** The device comes equipped with the ability to assign specific functions to certain device actions that are detected by both the accelerometer and gyroscope.

Note: Motion must be enabled for this feature to be active. For more information, refer to “*Motions and Gestures Settings*” on page 297.

S Pen

The S Pen™ is a stylus that assists you in performing different functions. By using the Pen button, you can minimize having to switch between touch and pen input.

Air View is a new S Pen technology that allows you to hover over the touch screen ($\leq 2\text{mm}$) and still interact with the display.



1. **Pen button:** by pressing the Pen button, you can add functionality to the S Pen.
2. **Stylus tip:** the tip of the S Pen is used for tapping the screen.

For more information, refer to “*S Pen Settings*” on page 295.

Rich S Pen Functionality

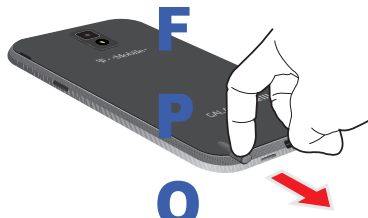
- **S Pen Input:** When the S Pen hovers over an input area, selecting the  (**Handwriting Input**) provides an on-screen Handwriting Area.
- **Air Button:** S Pen provides a fast experience in performance by showing a menu via the Air Button interaction for different applicable contents.
- **Air Command:** Once removed from its slot, S Pen shows an on-screen Air Command button toolbar that allows you to quickly activate frequently used applications or actions.
- **Action Memo:** Located within the Air Command toolbar, allows you to quickly link short notes to applications like Phone, Contacts, Messages and so on.
- **Smart Clip:** Instantly outline and crop anything on the screen and freely edit or share with others via several applications.
- **Effectively express yourself:** Write/Draw directly into an email, or the calendar, annotate Word, Excel, PowerPoint, and PDF documents, capture your ideas in S Note, write a note on the back of the picture.

Removing the S Pen from your Phone

The S Pen is stored within your device to make it easier to keep track of.

To remove the S Pen:

- Use your fingernail or a sharp object to pop the end of the S Pen out of the device and gently pull it out.



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Using the S Pen

There are several different available functions.

Screen Shots Using S Pen

To take a screen capture using the pen:

Note: These steps allow you to take a capture of the entire screen contents.

1. Grasp the pen and press the **Pen button**.
2. Pressing the S Pen button then touch and hold the screen for 2 seconds takes a screen shot.

S Pen Input - Using Handwriting

1. Remove the S Pen from its slot.
2. Launch an application that contains an input area (ex: Messages, Calculator, Dailer Keypad, etc.)
3. Hover the S Pen over a input area until  (**Handwriting Input**) appears, then quickly tap the icon to reveal a new Handwriting Area. Use this area to enter your input (text or numbers) and then have the device recognize that information.

Handwriting Input button



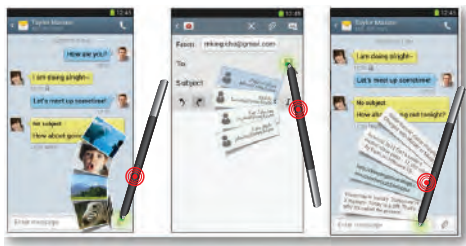
Air Button

The S Pen displays a menu via the Air Button interaction for different applicable contents.

1. Remove the S Pen from its slot.
2. Launch an application that contains an attachment or selection field such as:
 - Attachment button within Messages or Email: provides a list of the most recently used
 - Recipient selector within Messages or Email
 - Enter message field within Messages

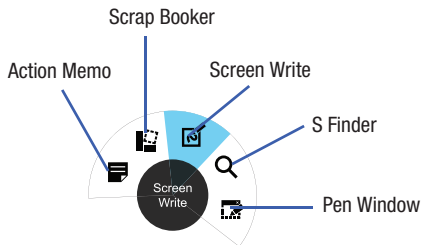
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3. Press and hold the S Pen button to reveal some of your most used items, contents, or text strings.
4. Make a selection.



Air Command Toolbar

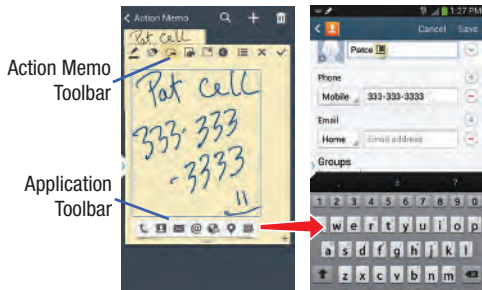
Once removed from its slot, S Pen shows an on-screen Air Command button toolbar that allows you to quickly activate frequently used applications or actions.



S Pen - Using Action Memo

1. Remove the S Pen from its slot.
2. From the Air Command menu, select  (**Action Memo**).
3. Use the on-screen pop up page to enter in text and numbers.
4. Select  (**Select content**), circle the action memo content, and from the application toolbar, select an available application (such as Contacts).

5. The new content is then copied into your selected application.



S Pen - Using Smart Clip

Instantly outline and crop images displayed on the screen in any shape to share or paste with Smart Clip. Once desired image is selected, users can freely edit the cropped content, or personalize with their own handwriting.

To take a selective screen capture:

Note: These steps allow you to capture selected areas of a screen based on a freehand area drawn on-screen.

1. Grasp the pen.
2. In a single motion, press and hold the **Pen button** then quickly draw a freeform enclosed shape on the screen to select the area you want to capture.

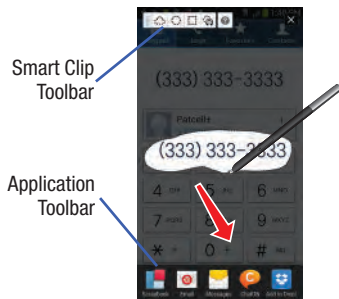
Note: The shape you draw must be completed by ending over the same point at which you started. This creates a closed shape.

3. After a second, confirm the newly captured image appears on-screen.

Note: Additional options are available by scrolling left across the bottom of the screen.

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4. Select a destination for the newly captured image from the bottom of the screen. Tap one of the following options: Scrapbook (creates a scrapbook folder in your S Note application), Email, Messages, ChatON, Add to Dropbox, Bluetooth, Evernote - Create Note, Flipboard, Gmail, Google+, Hangouts, Pennable, Picasa, S Note, SketchBook for Galaxy, or Wi-Fi Direct.

S Pen - Using Scrap Book

S Pen - Using Screen Write

S Pen Using S Finder

S Pen - Using Pen Window

Using Motions and Gestures

By activating the various motion and gesture features within this menu (page 297), you can access a variety of time saving functions.

Caution! Excessive shaking or impact to the device may cause unintended results. To learn how to properly control motions, tap  (Apps) → **Settings** → **Controls** tab. When tapped, each entry comes with an on-screen tutorial.

- From the Home screen, press  and then tap **Settings** →  (**Controls** tab).
- **Air gesture**: allows you to control your device by performing motions above the sensor (without touching the device).
- **Air view**: displays helpful information when you hover your finger over the screen.
- **Air command**: allows you to activate or deactivate the Air command function that appears on-screen once you remove the S Pen from its internal slot.
- **Motions**: allows you to control your device using natural movements (on the screen).
- **Palm motion**: allows you to control your device by touching the screen with your entire hand.
- **Smart screen**: allows you to control your device by using intelligent face detection features such as: Smart stay, Smart rotation, Smart pulse, and Smart scroll.
- **High touch sensitivity**: allows you to increase the screen's touch sensitivity.

For more information, refer to “*Motions and Gestures Settings*” on page 297.

Using the Multi Window

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

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

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

Activating and Deactivating Multi window

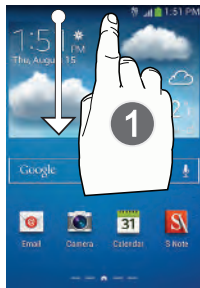
To activate Multi window via the Notification screen:

1. In a single motion, touch the Status bar to reveal the Notifications tab, and then drag it to the bottom of the screen to open the Notifications screen (1).
2. From the Notification screen, tap  (**Open Grid view**) to display additional functions.
– or –

Using two fingers, touch and drag the Status bar downwards to display additional functions.

3. Tap the **Multi window** entry to activate the feature (2).
The icon turns green when active.

Note: Although the Multi window feature is now active (as shown via the Notifications screen), the user must enable/display the Multi window list is shown only by using the Back button. This action is a one time event during the initial access. After that, the Multi window list is displayed whenever the feature is active via the Notifications screen (2).



To display the Multi window tab:

1. Press and hold the **Back** key (↶).
The Multi window tab (▶) appears (by default) on the left side of the screen.

Note: Initially open activation, the entire apps panel is briefly displayed, then minimized to only show the tab.

2. Tap the tab to open the application panel showing all the available Multi window apps.

To hide the Multi window tab:

- Press and hold the **Back** key (↶). This action hides the Multi window tab from view.

Repositioning the Multi Window

The Multi window contains two components: tab and apps panel. The tab can be manually moved across the screen. The apps panel (containing the scrollable apps) can be relocated to lock onto the different sides of the screen.

To move the tab Up or Down:

1. Activate the Multi window feature (page 47).
2. Press and hold the **Back** key (↶) to view the tab.
3. In a single motion, touch and hold the tab (⏏) for approximately one-second, then slowly drag it to its new location **along the current** screen edge.

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

To relocate the Multi window apps panel:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).

Note: Its only when the tab is detached that the entire panel can be relocated.

3. In a single motion, touch and hold ⏏ for approximately one-second to detach it from the screen (1), then slowly drag it to its new location **along any other** available screen edge (2).

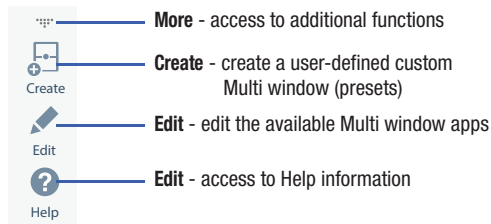


Customizing the Multi Window apps

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

To rearrange the Multi window applications:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).
3. In a single motion, touch and hold a desired app until it detaches from the panel, then carefully drag it to a new location in the list of apps. Lift your finger or stylus off the screen to let go of the app and drop it into its new location.



To edit a Multi window application:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).
3. Tap **More** → **Edit** (located at the bottom of the list) to reveal a staging area (on the right) that can house any removed applications from the Multi window panel.
4. Tap **Done** once you have completed the removal process.

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To restore a Multi window application:

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

Using Multi Window to run multiple apps on the same screen

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

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

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

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

Note: Multi window can now run two separate instances of the same application. If there are any issues with activating Multi window, confirm the setting is activated (page 269). Ex: Separate Messages within both the top and bottom split views.

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

1. Launch an application.
 - From the Home screen, tap  (Apps) →  (Internet).
2. Activate the Multi window feature.
3. Tap the tab to display the apps panel.
4. Touch and hold the desired app, such as Maps, until it detaches from the panel.
5. In a single motion, drag it over the current app and drop the new Multi window app over either the top or bottom area of the current on-screen app.

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

To switch the arrangement of the applications:

1. Tap the desired application area (top or bottom).
2. With the two applications shown in a split screen, tap the Border button  to show the on-screen functions.
3. Locate and tap  (Switch app location). The current apps are switched.

To increase the size of a desired application window:

1. With the two applications shown in a split screen, locate the Border bar indicating the edge of the app window.
2. In a single motion, touch and hold the Border bar then drag it to resize the desired window.



To close a selected application:

1. With the two applications shown in a split screen, tap one of the two on-screen apps to select it.
2. Tap the Border bar to show the on-screen icons.
3. Locate and tap  (**Exit the app**). The current app is closed and the remaining app is maximized.

To add more application windows with Tiles:

You are no longer limited to 2 apps within a Multi window. Tiling now allows you to add more Multi window apps.

1. With the two applications shown in a split screen, tap the Border button .
2. Locate and tap  (**Add Multi window app**).
3. Tap hold  and in a single motion touch and drag a new app to either the top or bottom area.

To view application windows with Tiles:

1. With the two applications shown in a split screen, tap the Border button .
2. Locate and tap  (**Tile windows**). If the selected area contains more than one app, they will then appear as on-screen pop ups.

3. Tap the upper right of the pop up to exit the app.

Creating a Customized Multi Window Preset

1. Arrange the Multi window view as desired (app location, high of windows, etc..)
1. Once configured, tap  (**More**) →  (**Create**).
2. Use the on-screen keyboard to name the new preset of paired windows.
3. Tap **OK**. The new preset then appears at the top of the Multi window list of apps.

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

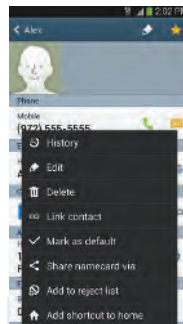
There are three default Application Menu screens available. As you add more applications from the Play Store, more screens are created to house these new apps.

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.



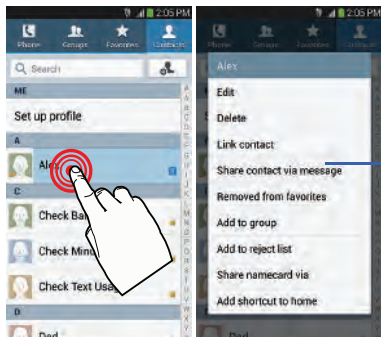
Sub-Menu items

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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 appear when you right click your mouse on your desktop computer.

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



Context Menu

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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** →  (General 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  and then tapping  (**Apps**) →  (**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**.

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 redial** option from within the  → **Call settings** → **Additional 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.

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

Quick Dialing a Number from the Contacts List

1. From the Home screen, tap  (Contacts).
2. Locate a contact from the list.
3. In a single motion, 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 within 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..



Ending a Call

- Briefly tap  key to end the call.

Note: To redial a recent number, tap  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.

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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 . Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Tap  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 .
3. Enter the emergency number (ex: 911) and then tap .
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.

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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**.
- **One-handed operation on/off** to enable or disable the resize and reposition the keypad/dialer for either left (off) or right handed operation (on).
- **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.

Answering a call with Air Gesture

1. Verify the Air Gestures feature is on and Air call-accept is active. For more information, refer to *"Using Motions and Gestures"* on page 46.
2. At the incoming call screen, wave your hand over the screen to accept the incoming call.
 - If active, the Air call-accept icon «» appears at the top of the incoming call screen.

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 .
2. Press  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.

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 86).
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  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 will be 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.

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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 .
2. Tap the  (**Logs** tab) to display the list of recent calls.
3. Tap the name/number and tap .

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.

1. From the Home screen, tap  →  (**Keypad** tab).
2. Press  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 is displayed in the speed dial number box.

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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.

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

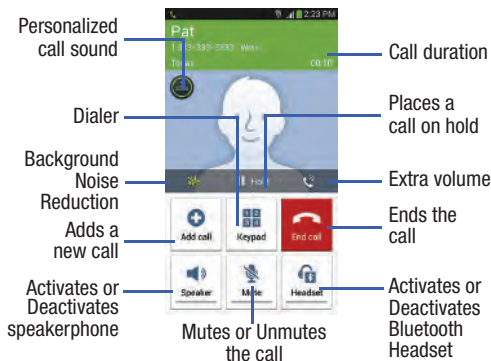
You can assign a short cut number to a phone number in the Contacts List for speed dialing.

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.

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In Call Options

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



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

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.

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

More In-call Options

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

- Press  and then select an available in-call option:
 - **Contacts:** During a call you can look up a number in the Contacts list. Browse the Contacts list for the information you need.
 - **Action Memo:** During a call it may be necessary to create a new action memo via an available pop up screen.
 - **Message:** During a call you can create a message.
 - Tap **Message** →  (**Compose**).
 - Address and create the message.
 - Review your message and tap  (**Send**).
 - **One-handed operation on/off** to enable or disable the resize and reposition the keypad/dialer for either left (off) or right handed operation (on).

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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 T-Mobile 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  and then tap **Manage conference call**.
2. Tap  (**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.

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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.

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** →  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 283.

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.

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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 is displayed with a green background.

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

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.

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Accessing the Logs Tab

1. From the Home screen, tap  →  (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.

Note: You can also view missed calls from within the Notifications area. Select  and tap the Missed call entry to open the Logs screen.

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 will be 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 will be 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  → **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  to erase the numbers.
5. Tap  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  → **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  → **Logs** tab.
2. Press  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**.

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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.

Text Input Methods

There are two 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.

Note: SwiftKey Flow (previously known as Swipe) can be enabled from within the Samsung keyboard to allow word creating via swiping.

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** →  (Controls 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.

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 is displayed in the message as you are speaking.

For more detailed information on configuring Google Voice Typing settings, see “*Configure Google Voice Typing*” on page 292.

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 is done via the microphone as text to speech.
2. Speak into the device's microphone and watch your text being entered on-screen.
3. If the text is incorrect, tap **DELETE**.

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

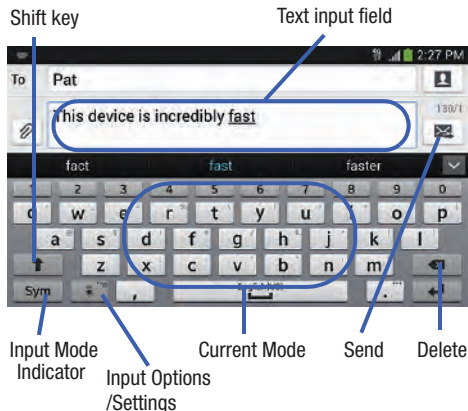
This device has a built-in, QWERTY keypad (portrait mode) or keyboard (landscape mode). Using the QWERTY keypad/keyboard, you can type letter, numbers, punctuation, and other characters.

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** →  (Controls tab) → **Language and input** → **Default** → **Samsung keyboard**.
– or –

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) → **Samsung keyboard**.

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



For more detailed information on configuring Samsung Keyboard settings, see “*Samsung Keyboard Settings*” on page 289.

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 text** to launch the device's Google Voice typing application to covert spoken words into on-screen text.
- **Handwriting** to launch an on-screen handwriting area that can be used to convert on-screen patterns (text) to text.

- **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.
- **Keyboard alignment** to detach the on-screen keyboard so that you can manually dock it anywhere on the current text entry screen. Selecting the feature again redocks the keyboard into its original location using the original size.

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**  : to use alphabetic characters from the on-screen keyboard. In this mode, the text mode button displays .
 - **Symbol/Numeric**  : to enter numbers by pressing the numbers selecting them on the on-screen keyboard. In this mode, the text mode button displays .

There are up to 2 available pages of numeric symbols available by tapping .

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 will be 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  to configure the keyboard for ABC mode. Once in this mode, the text input type shows .

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.

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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 **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 **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.

Section 5: Contacts

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

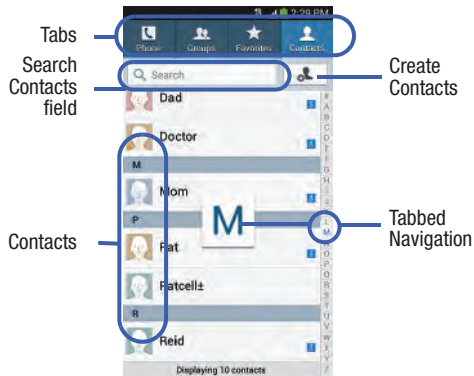
Accounts

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** →  (General tab) → **Accounts** and then navigate to the **My accounts** area.

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

Contacts List



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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 have been synchronized to your phone, these will be made 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 within 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 into 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  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, Take picture, or S Note**.

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

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

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8. Enter additional information such as: **Email, 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, IM, Address, Notes, Nickname, Website, Internet call, Events, or Relationship.
 - Use your finger to slide the page up or down to see additional fields and categories.
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  →  (**Keypad** tab).
2. Enter a phone number.
3. Tap **Add to Contacts** → **Create contact**.
 - or –
 - Tap **Add to Contacts** → **Update existing**, and select a Contact.
4. Enter additional contact information. For more information, refer to “*Creating a Contact*” on page 80.

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, Exchange, etc.). 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 you see the contact displayed.
 - 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 –

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

Editing Contact Information

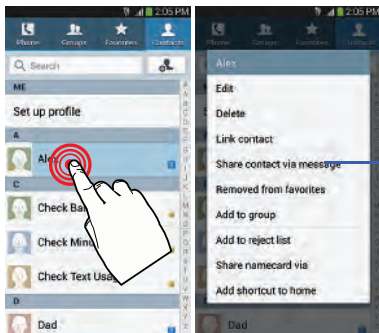
1. From the Home screen, tap .
2. Tap a contact name from the list and tap  (Edit).

– 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**.



Context Menu

3. Edit the contact information then:
 - Tap **Save** to complete and store the new entry or
 - Tap **Cancel** to delete the current entry.

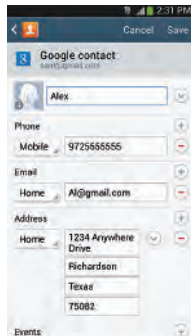
Adding a Number to an Existing Contact

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.



Contact Details Screen

4. Enter additional information such as: **Email, 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, IM, Address, Notes, Nickname, Website, Internet call, Events, or Relationship.
 - Use your finger to slide the page up or down to see additional fields and categories.
5. Tap **Save** to complete and store the new entry.
 - or –
 - Tap **Cancel** to delete the current entry.

Deleting Contacts

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

1. From the Home screen, tap .
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 send selected namecards via methods such as Bluetooth, ChatON, Email, Evernote - Create Note, 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.
 - **Accounts:** allows you to add and manage mobile accounts on Samsung account, ChatON, Google, or Microsoft Exchange ActiveSync. This option also allows you to manually synchronize all of your current contacts with their respective accounts. For more information, refer to “*Synchronizing Contacts*” on page 91.
 - **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, and Contact sharing settings.
- **Help:** provides an on-screen Help file that covers most high level topics for Contacts.

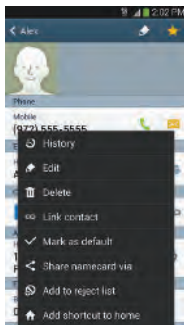
Contact Menu Options

1. From the Home screen, tap .
2. Touch and hold an entry to reveal the context menu. The following options display:
 - **Delete:** allows you to delete the currently selected Contacts entry.
 - **Share via:** allows you to send the current Contact entry's information to an external recipient via either **Bluetooth**, **ChatON**, **Evernote - Create Note**, **Email** (Exchange or Internet), **Gmail**, **Messages**, or **Wi-Fi Direct**.
 - **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.
 - **Add shortcut to home:** adds a shortcut to the current Contacts entry to an available screen location.

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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.



Contact Overview Screen

Linking Contact Information

Most people now 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 join all of her entries and view the information in one record.

Joining 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.

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.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you link the contacts.

Important! It is the first contact image that is displayed for both, and the first contact's name that 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.

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Unlinking a Contact

1. From the Home screen, tap .
2. Tap a contact name (the account name from which you want to unlink 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 now go back to being separately displayed.

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**.

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Note: If there are multiple phone numbers assigned to an entry, assigning one as the default will automatically dial that number when the contact is selected for dialing.

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**, **ChatON**, **Email** (Exchange or Internet), **Evernote - Create Note**, **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 appears as an option only after an Internet or Exchange email account has been created.

For more information, refer to “*Sending Contacts via Bluetooth*” on page 248.

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 **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** to send the contacts to selected buddies.
 - **Email** to attach the contact cards to a new outgoing email (Exchange or Internet).
 - **Evernote - Create Note** to send the contacts via the Evernote application.
 - **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.

Copying Contact Information

Copying Contact Information to the SIM Card

The default storage location for saving phone numbers to your Contacts list is your phone'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 SD 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.

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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.

1. From the Home screen, press  and then tap **Settings** →  (General tab) → **Accounts** and then navigate to the **My accounts** area.
2. Select the email account containing the contacts you wish to synchronize.
3. Tap  within the adjacent account field to reveal the account's synchronization settings screen.
 - If  appears within the adjacent account field, this indicates a sync error.
4. To synchronize only Contacts, toggle the active state of the **Sync Contacts** field. 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 has not been updated, repeat step 2-3.

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

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

Display Options

The Display options menu 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 has been selected, only those Contact entries are shown until the **All contacts** option is re-selected.

1. From the Home screen, tap .
2. Press  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 are shown (Friends, Family, etc..)

Additional Contact Options

Sending an Email to a Contact

Note: Contacts must contain an 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 90.

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** (ex: Steve Smith) or **Last name first** (Smith, Steve).
 - **Service numbers** lists the currently available service numbers.

- **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.

- **Send all namecards** allows you to set your Contact sharing option to all so that your entire Contacts entries are sent as a group and not as multiple single files. If all your entries are selected only a single file is sent.

Note: Your destination device must support this feature or no entries will be received by the external device.

- **Send individual namecards** allows you to set your default to send individual contacts one at a time. Even if you select all your entries, each is sent individually.

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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 73.
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  →  (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  →  (Groups tab).
2. Press  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  →  (Groups tab).
2. Tap an existing group, and press  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**.

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5. Type your message, and tap  (Send).

The Favorites Tab

The Favorites tab is a list of the phone numbers that have been designated as favorite contacts. For more information, refer to “*Logs Tab*” on page 69.

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 those current Contacts entries you wish to assign as favorites.
3. Tap **Done** to complete the process.

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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
- Hangouts
- Messenger
- ChatON

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 24.

Note: The Messages application can also be accessed by pressing  and then tapping  (Apps) →  (Messages).

Creating and Sending Messages

1. From the Home screen, tap  (Messages) →  (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 these categories, 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 73.
6. Tap  (**Attach**) to add an attachment to your message 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**.

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- **Record audio:** allows you to temporarily exit the message and record an audio clip using the phone's microphone. It is then automatically attached to the message.
 - **S Note:** allows you to add an S Note 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**.
7. Review your message and tap  (**Send**).
 8. 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 will be 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  (**Messages**).
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 105.

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- **Delete threads:** allows you to delete any message thread. Select the messages to delete and a green check mark will appear next to the message. Tap Delete. For more information, refer to *“Deleting message threads”* on page 105.
- **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 111.
- **Settings:** allows you to access Messaging settings. For more information, refer to *“Messaging Settings”* on page 106.

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:** deletes the entire message and its bubbles.
 - **Add to spam numbers:** allows you to tag a number as spam so that these messages can be directly delivered to your spam folder.

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Options while in a current message

1. From the Home screen, tap  (**Messages**).
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: S Note, 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.

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- **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 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:
 - **S Note:** allows you to insert text from an existing S Note.
 - **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 111.

The information is added to your message.

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Viewing Newly Received Messages

When you receive a message, your phone notifies you by displaying  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 32.

— or —

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

2. Tap  to play a multimedia message.
 - To pause playback of the multimedia message, tap .
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

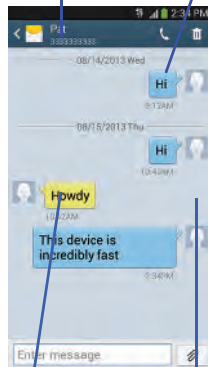
Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen.

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

Current Recipient My Text



Reply Bubble

Text Message Thread

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4. Tap  (**Send**) to deliver your reply.

– or –

Press  and then select one of the available message options (page 99).

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 contact:** 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. Any 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:** deletes the currently selected message bubble from the thread.
 - **Copy:** copies the currently selected message bubble from the thread.
 - **Forward:** allows you to forward the currently selected message bubble to an external recipient.
 - **Lock/Unlock:** locks or unlocks the currently selected message bubble from being accidentally deleted.
 - **Share:** allows you to share the contents of the currently selected bubble. Choose from Add to Dropbox, Bluetooth, ChatON, Email, Evernote - Create Note, Flipboard, Gmail, Google, Hangouts, Messages, S Note, Scrapbook, or Wi-Fi Direct.
 - **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.

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- **Translate:** translates the text from the currently selected bubble into a desired language.

Deleting Messages

Deleting message threads

1. From the Home screen, tap .
2. Touch and hold a message from the Messages list, then select **Delete**.
— or —

Press  and then tap **Delete threads**, tap each message thread you want to delete, and tap **Delete**.

Deleting message bubbles

1. From the Home screen, tap .
2. Open a message to reveal the message string.
3. Touch and hold a message bubble, then select **Delete**.

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.

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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 within the following available tabs:

General Tab

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.

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.

- **Split view:** when in Landscape mode, allows you to view both the message list and the contents of the currently selected message.
- **Use the volume key:** allows you to change the text size by using the up or down volume keys.

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.

SMS/MMS Tab

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.

More Tab

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.

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.

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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 .
2. Press  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 .
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 .
2. Press  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.

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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 as 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.

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- **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**).

– 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**.

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- At the **Account options** screen, select the frequency which the device should check for new email on the server and tap **Next**.

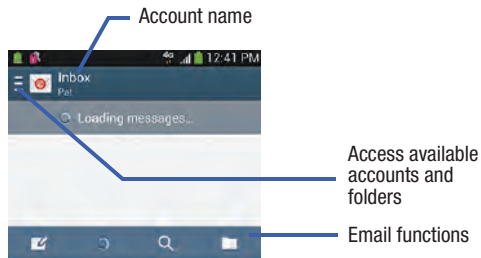
Important! The **Sync Email** feature must be enabled to allow syncing between your device and the remote server.

- 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.
- 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.
 - 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

- From the Home screen, tap  →  (**Email**).



- 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.
- 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 **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:** allows you to configure the way in which your email list is displayed. Options include: Auto fit content, Message preview line, and Title line list.
 - **Composing and sending:** allows you to configure the functions available during both creating and sending emails. Options include: Quick responses, Default image size, Delay email sending.
 - **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.
 - **Priority senders:** allows you to assign Contacts as priority senders, configure a priority sender inbox, assign email notifications, ring tones, and vibration patterns for emails from these senders.

- **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.
- **Split view mode:** when in Landscape mode, turns on the split view mode that allows you to view both the message list and the contents of the currently selected message.

– 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 syncing 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.

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- **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.
- **Password:** allows you to update your password to match the information on the email server.
- **Email notifications:** activates the email notification icon to appear within the Notifications area of the status bar when a new email (Gmail, etc..) 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 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.
 - **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.
 - **Number of emails to load:** allows you to select the number of on-screen emails to keep loaded on the screen by default.

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- **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.
- **Incoming settings:** lets you specify incoming email settings, such as Email address, Username, 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 device 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).

Note: If you have already set up an email account and want to add an additional email account, press  and then tap **Settings** →  **Add account**.

2. Enter your **Email address** and **Password** information.
 - Tap **Show password** to display the password as you enter it in the associated field.
3. Follow the on-screen instructions.

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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.

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.

4. Consult your IT Administrator if it is necessary to enable the **Use client certification** option.
5. 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 114.

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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 is displayed. Options include: Auto fit content, Message preview line, and Title line list.
 - **Compose and sending:** allows you to configure the functions available during both creating and sending emails. Options include: Quick responses, Default image size, Delay email sending.
 - **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.
- **Priority senders:** allows you to assign Contacts as priority senders, configure a priority sender inbox, assign email notifications, ringtones, and vibration patterns for emails from these senders.
- **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.
- **Split view mode:** when in Landscape mode, turns on the split view mode that allows you to view both the message list and the contents of the currently selected message.

– 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 synchronizing 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.
 - **Password:** allows you to change your password
 - **Email notifications:** activates the email notification icon to appear within the Notifications area of 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.

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- **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.
- **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.

- **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.
- **Exchange server settings** provides access to the Domain\user name, Password, and Exchange server settings.

5. Press  to return to the previous page.

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.

Note: Using an older or slow microSD card can affect camera performance, especially for video recording.

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: It is recommended that you set the option to **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 appear on the photo.

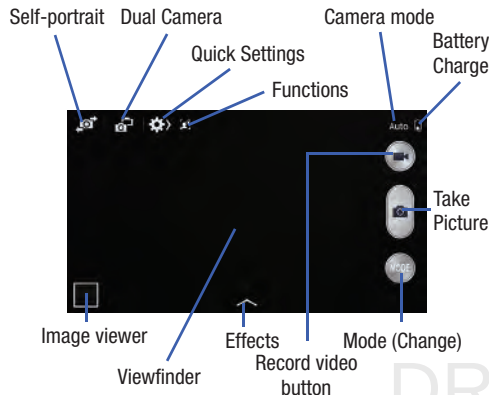
1. From the Home screen, tap  (Apps) →  (Camera).
2. Using the device's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.

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 122). If no microSD is installed, all pictures are stored on the Device.) For more information, refer to “Camera Options” on page 124.

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Note: Touch and hold  to take a burst shot. These are saved using a Fine image quality.



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 tap Done.
- **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.
- **Drama:** Use this to take a series of photos of a moving object and then merge them together into one image.
- **Animated photo:** Use this to create a picture in which a few selected static objects move by animating objects detected by the device.
- **Golf:** Use this feature to take pictures of a golf swing and then play the pictures back (forwards or backwards).
- **Rich tone (HDR):** Use this to take photos with richer colors and contrasts by merging images taken at different exposure levels.
- **Eraser:** Saves the best of 5 taken pictures and removes any passers by.
- **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.

- **360 photo:** Use this to take a 360-degree pictures that are then used to create a spherical panorama.
- **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. From the top of the camera, the following shortcuts are available for the camera:



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.



Front Camera/Dual Camera: allows you to activate both the front and rear cameras simultaneously. For more information, refer to “*Taking Dual Camera Photos*” on page 127.

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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 126.



Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture. The last picture you took, will be displayed as a thumbnail in the Image viewer icon.



Effects/Downloads: provides access to pre-installed and downloaded effects. Default effects include: No effect, Cartoon, Faded color, Fisheye, Grayscale, Moody, Oil pastel, Rugged, Sepia, Tint, Turquoise, Vignette, Vintage, and Download.



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 (Device 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.



Night detection: use this activate/deactivate night detection.



Voice control: activate or deactivate the voice control to take photos.

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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, Buddy photo share, ChatON photo share, or Remote viewfinder.



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.

Taking Dual Camera Photos

With the Dual Camera feature, you can take a picture with both the front and rear cameras at the same time.

To take a Dual Camera picture:

1. From the camera viewfinder, tap  (**Dual Camera**) located at the top left side of the screen. The camera viewfinder displays an image from the front-facing camera within a mini picture frame on top of the main image displayed from the rear-facing camera.
2. Tap  (**Camera**) until the shutter sounds.

To resize the front camera image:

- Touch and hold the mini picture frame until the resize handles appear, then drag a corner to enlarge the image.

To reposition the front camera image:

- Touch and hold the mini picture frame to detach it and then place it in a desired location.

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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.
- **Burst shot:** allows several photographs to be captured in quick succession by touching and holding the Camera button.
- **Tap to take pics:** allows you to tap the screen to also take a new picture (vs using the Camera button).
- **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, 400, or 800. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Anti-shake:** compensates for camera movement.
- **Auto night detection:** activates or deactivates the night detection feature.
- **Save as:** allows you to assign rich tone usage to an image.

Camcorder:

- **Video size:** Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Video stabilization:** Activate or deactivate Optical Image Stabilization.
- **Audio zoom:** when active, allows you to focus your microphone on a zoomed area during video recording.

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 appear 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.
- **Save as flipped:** when set to On, this option allows you to take and save a mirror-image video when using self-recording mode.
- **Storage:** Select the memory location for storage.
- **Shutter sound:** Turn the shutter sound on or off.
- **Reset:** Reset the camera settings.

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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 AllShare/Samsung Link device from your available list.
- **Share via**  : allows you to share the picture via ChatON, Group Play, Add to Dropbox, Bluetooth, Email, Evernote - Create Note, Flipboard, Gmail, Google +, Hangouts, Messages, Pennable, Picasa, S Note, Scrapbook, Sketchbook for Galaxy, and Wi-Fi Direct.
- **Edit**  : (in Landscape mode) allows you to edit the current image. Launches the Photo Editor application. For more information, refer to “*Editing a Photo*” on page 140.

- **Delete**  : allows you to delete the current picture.

3. Press  for additional options such as:

- **Edit**: (in Portrait mode) allows you to edit the current image.
- **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.
- **Signature**: allows you to edit the current image using the photo editor.
- **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.
- **Buddy photo share**: allows you to share the current image with active ChatON 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 a Contact photo, Home screen, Lock screen, or Home and lock screens.
- **Scan for nearby devices:** scans for nearby DLNA-compliant devices that can receive or display the current image.
- **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 (Sync only via Wi-Fi), Tags (Tag buddy or Face tag), and Sound & shot (Auto play sound).

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.

- **Share via**  : allows you to share the video via ChatON, Add to Dropbox, Bluetooth, Email, Evernote - Create Note, Gmail, Google+, Messages, Picassa, S Note. Scrapbook, 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 40.

4. Tap  (**Video**) to begin shooting video. The red light will blink while recording.
5. Tap anywhere on the screen to re-focus the camera on that object. The camcorder auto-focuses on the new target area.

6. To capture an image from the video while recording, tap  (**Take Picture**). This feature is not available while the anti-shake feature is activated.
7. Tap  (**Stop**) to stop the recording and save the video file to your Camera folder.
– or –
Tap  (**Pause**) to pause the recording.
8. Once the file has been saved, tap the image viewer, then tap  (**Play**) to playback your video for review.
9. 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 ChatON, Add to Dropbox, Bluetooth, Email, Evernote - Create Note, Gmail, Google+, Messages, Picassa, S Note, Scrapbook, 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 checkmark alongside and then press  for additional options:

- **Slideshow**: allows you to see your files in a slideshow or access the slideshow settings.
 - **Copy**: allows you to create a duplicate of the currently selected file.
 - **Move**: allows you to move a selected file to a new location.
 - **Create video clip**: allows you to edit the current video, apply effects, and create a new video. Create video clips from your pictures. Select pictures from your album, select “create video clip”, choose one of the themes and save.
 - **Rename**: allows you to rename the filename of the currently selected video.
 - **Details**: displays video file information.
- or –

With the video displayed on-screen (but not playing), press  for additional options:

- **Favorite**: tags the current video as a favorite file.
- **Slideshow**: create a new on-screen slideshow.

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- **Rename:** allows you to rename the filename of the currently selected video.
- **Details:** displays video file information.
- **Settings:** provide access to the Gallery 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 appear 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 NFC and S Beam to be enabled prior to use.

For more information, refer to *"Using S Beam to Share Pictures"* on page 136.

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 242.

The general process is:

- Enable Wi-Fi Direct communication
- Pair your device with other users