

FCC Approval Document for SM-G386T

FCC ID : A3LSMG386T

9.User Manual

SAMSUNG ELECTRONICS CO, LTD

This document is watermarked because certain important information in the document has not yet been verified.
This document has been sent to you as a draft and for informational purposes only.
The document should only be used for internal purposes and may not be distributed outside of Samsung,
except to Samsung's carrier customer for testing purposes. Distributing the
document outside of Samsung, except to Samsung's carrier customer for testing purposes could result in legal exposure
to the company if the preliminary, unverified information in the draft turns out to be inaccurate.

Samsung GALAXY AVANT™

4G LTE SMARTPHONE

User Manual

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



Warning! This product contains chemicals known to the State of California to cause cancer and reproductive toxicity.

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the "Phone System"), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Open Source Software

Some software components of this product incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit: <http://opensource.samsung.com>.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Modification of Software

SAMSUNG IS NOT LIABLE FOR PERFORMANCE ISSUES OR INCOMPATIBILITIES CAUSED BY YOUR EDITING OF REGISTRY SETTINGS, OR YOUR MODIFICATION OF OPERATING SYSTEM SOFTWARE.

USING CUSTOM OPERATING SYSTEM SOFTWARE MAY CAUSE YOUR DEVICE AND APPLICATIONS TO WORK IMPROPERLY. YOUR CARRIER MAY NOT PERMIT USERS TO DOWNLOAD CERTAIN SOFTWARE, SUCH AS CUSTOM OS.

SAFE™ (Samsung Approved For Enterprise)

SAFE™: "SAFE™" (Samsung for Enterprise) is a mark for a Samsung device which has been tested against Samsung's own internal criteria for interoperability with certain third party security-related solutions for MDM and VPN. The testing includes field testing with local network connection and menu tree testing which tests functionality of the solutions in conjunction with the Samsung device. During the testing, the device is tested with the security solutions to see if the solutions work with the device as described by the third party security solution providers. The testing, for example, includes field testing with local network connection and menu tree testing which tests functionality of the solutions in conjunction with the Samsung device. For more information about Samsung's SAFE™ program, please refer to www.samsung.com/us/safe.

Disclaimer of Warranties: EXCEPT AS OTHERWISE PROVIDED IN THEIR STANDARD END USER LICENSE AND WARRANTY, TO THE FULL EXTENT PERMITTED BY LAW SAMSUNG ELECTRONICS CO., LTD., SAMSUNG TELECOMMUNICATIONS AMERICA, LLC, AND THEIR AFFILIATES (COLLECTIVELY REFERRED TO HEREIN AS THE "SAMSUNG ENTITIES") EXPRESSLY DISCLAIM ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, INTEROPERABILITY OR NON-INFRINGEMENT, WITH RESPECT TO INFORMATION TECHNOLOGY SECURITY PROTECTION, SAFE™ DEVICES AND APPLICATIONS TESTED WITH SAFE™ DEVICES. IN NO EVENT SHALL THE SAMSUNG ENTITIES BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER WITH RESPECT TO INFORMATION TECHNOLOGY SECURITY PROTECTION, SAFE™ DEVICES OR APPLICATIONS TESTED WITH SAFE™ DEVICES. In addition, information technology security protection will be affected by features or functionality associated with, among other things the e-mail platform, master data management, and virtual private network solutions selected by the software provider, solution provider or user. Choice of an e-mail, master data management, and virtual private network solution is at the sole discretion of the software provider, solution provider or user and any associated effect on information technology security protection is solely the responsibility of the software provider, solution provider or user. For complete statement of limited warranty, please refer to www.samsung.com/us/safe, available on the web and where Samsung smartphone and Galaxy Tab™ devices are sold. [101212]

Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082
Customer Care Center:
1000 Klein Rd.
Plano, TX 75074
Toll Free Tel: 1.888.987.HELP (4357)
Internet Address: www.samsung.com

©2014 Samsung Telecommunications America, LLC. Samsung is a registered trademark of Samsung Electronics Co., Ltd.

Do you have questions about your Samsung Mobile Device?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at: www.samsung.com/us/support.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Nuance®, VSuite™, T9® Text Input, and the Nuance logo are trademarks or registered trademarks of Nuance Communications, Inc., or its affiliates in the United States and/or other countries.

ACCESS® and NetFront™ are trademarks or registered trademarks of ACCESS Co., Ltd. in Japan and other countries.

The Bluetooth® word mark, figure mark (stylized “B Design”), and combination mark (Bluetooth word mark and “B Design”) are registered trademarks and are wholly owned by the Bluetooth SIG.

microSD™ and the microSD logo are Trademarks of the SD Card Association.

Openwave® is a registered Trademark of Openwave, Inc.

Google, the Google logo, Android, the Android logo, Google Play, Gmail, Google Mail, Google Maps, Google Music, Google Hangouts, Picasa, Play Nesstand, YouTube and other marks are trademarks of Google Inc.

Wi-Fi is a registered trademark of the Wireless Fidelity Alliance, Inc.

LTE is a trademark of ETSI

Swype and the Swype logos are trademarks of Swype, Inc. © 2010 Swype, Inc. All rights reserved.

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.

Legal Information

The online version of the Health/Safety and Warranty guide for your device can be found at:

English: www.samsung.com/us/Legal/Phone_HSGuide
Spanish: www.samsung.com/us/Legal/Phone_HSGuide_SP

Location of Legal Information on the Device:

Health and Safety Information

- Settings → About device → Legal information → Samsung legal → Health and safety

Warranty

- Settings → About device → Legal information → Samsung legal → Warranty

EULA

- Settings → About device → Legal information → Samsung legal → END USER LICENSE AGREEMENT

Table of Contents

Intellectual Property	2	Finding a Contact	29	Gallery	52
Disclaimer of Warranties; Exclusion of Liability	2	Contacts Screen Options	30	Gmail	52
Samsung Telecommunications America (STA), LLC	3	Contacts Settings	30	Google	52
Legal Information	3	Contact Entry Options	31	Google Settings	52
Section 1: Getting Started	6	Linking Contact Information	31	Google +	52
Understanding this User Manual	6	Sending a Namecard	32	Hangouts	53
Removing the Battery Cover	6	Copying Contact Information	32	Internet	53
Installing and Removing the SIM card	6	Synchronizing Contacts	32	Lookout Security	55
Installing the microSD Memory Card	7	Display Options	33	Maps	55
Installing the Battery	7	Additional Contact Options	33	Memo	56
Replacing the Battery Cover	8	Groups	33	Messages	56
Charging the Battery	8	The Favorites Tab	34	Mobile HotSpot	56
Extending Your Battery Life	9	Section 5: Messages	35	Music	56
Switching the Device On or Off	9	Types of Messages	35	Using Playlists	57
Initial Device Configuration	9	Creating and Sending Messages	35	My Files	58
Restarting the Device	9	Message Options	36	Phone	58
Locking and Unlocking the Device	10	Viewing Newly Received Messages	36	Photos	58
Voicemail	10	Deleting Messages	37	Play Books	58
Section 2: Understanding Your Device	11	Message Search	37	Play Games	58
Features of Your Device	11	Messages Settings	37	Play Movies & TV	58
Front View	11	Assigning Messages as Spam	38	Play Music	58
Back View	12	Accessing Your Spam Folder	39	Play Newsstand	59
Status Bar	13	Quick Responses	39	Play Store	59
Home Screen	15	Using Email	39	Samsung Apps	59
Customizing the Screens	16	Microsoft Exchange Email (Outlook)	41	Settings	59
Screen Navigation	18	Section 6: Multimedia	43	T-Mobile My Account	60
Menu Navigation	18	Assigning the Default Storage Location	43	T-Mobile Name ID	60
Entering Text	18	Using the Camera	43	T-Mobile TV	60
Using the Google Voice Typing	19	Camera Options	43	Video	60
Using the Samsung Keyboard	19	Camera and Camcorder Settings	44	Visual Voicemail	61
Section 3: Call Functions and Contacts List	21	Using the Camcorder	45	Voice Recorder	61
Displaying Your Phone Number	21	Sharing Pictures	46	Voice Search	61
Making a Call	21	Editing a Photo	47	YouTube	61
Ending a Call	21	The Gallery	47	Section 8: Connections	65
Making Emergency Calls	21	Section 7: Applications and Development	48	Accessing Device Storage	65
Dialing Options	22	Applications	48	Wi-Fi Connections	65
Answering a Call	22	Amazon	48	Bluetooth Connection	66
Managing Reject Calls	22	Calculator	48	USB Tethering	67
International Calls	23	Calendar	49	Mobile HotSpot	67
Pause Dialing	23	Camera	49	Section 9: Changing Your Settings	69
Wait Dialing	23	ChatON	49	Accessing the Settings Options	69
Redialing the Last Number	23	Chrome	50	Wi-Fi Settings	69
Speed Dialing	23	Clock	50	Download booster	70
In Call Options	24	Contacts	51	Bluetooth	71
Logs Tab	26	Drive	51	Mobile HotSpot	71
Section 4: Contacts	28	Dropbox	51	Airplane Mode	71
Accounts	28	Email	52	Data Usage	72
Contacts List	28	Flipboard	52	Location	72

More Networks	72
Near Field Communication	75
Nearby Devices	75
Printing	75
Screen Mirroring	75
Sound Settings.....	76
Display Settings	77
Wallpaper	77
Lock Screen.....	77
Notification panel.....	79
Toolbox	79
Easy Mode.....	79
Accessibility	79
Blocking Mode	80
Private Mode	80
Motions and Gestures	80
Cloud	81
Backup and Reset.....	81
Backing up Your Data Before Factory Reset	82
Language and Input.....	83
Date and Time	85
Safety assistance.....	85
Accessories.....	85
Battery Usage.....	85
Power saving mode	85
SD Card & Device Storage.....	86
Security	86
Help.....	87
About Device.....	87
Application Manager	88
Default applications.....	89
Calendar	89
Call Settings.....	89
Contacts Settings	92
Email Settings.....	92
Gallery Settings.....	92
Internet Settings.....	92
Messages Settings.....	93
S Voice Settings.....	93
Section 10: Index.....	94

DRAFT

Internal Use Only

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 device.

Understanding this User Manual

The sections of this manual generally follow the features of your device.

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.

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:

- **Caution!:** Brings to your attention information that should be noted to avoid danger or mistakes.
- **Important!:** Points out important information about the current feature that could affect performance.
- **Notes:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tips:** Provides quick or innovative methods, or useful shortcuts.
- **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, tap  **Apps** →  **Settings** →  **Bluetooth**.

Removing the Battery Cover

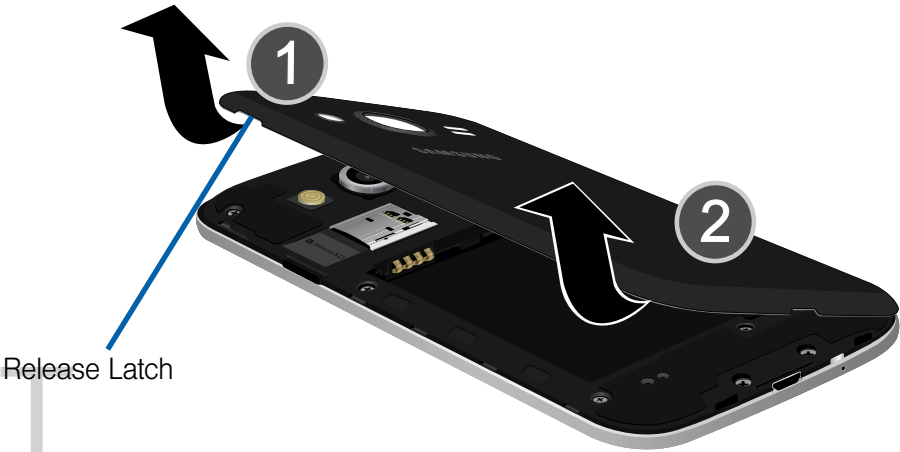
The battery, micro SIM card and SD card are installed under the battery cover.

Important! Before removing or replacing the battery cover, make sure the device is switched off. To turn the device off, hold down the  **Power/Lock** 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:

- Hold the device firmly and locate the cover release latch (1) and carefully remove the cover off the device (2).



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  **Power/Lock** key until the Device options pop up displays, then tap **Power off**.

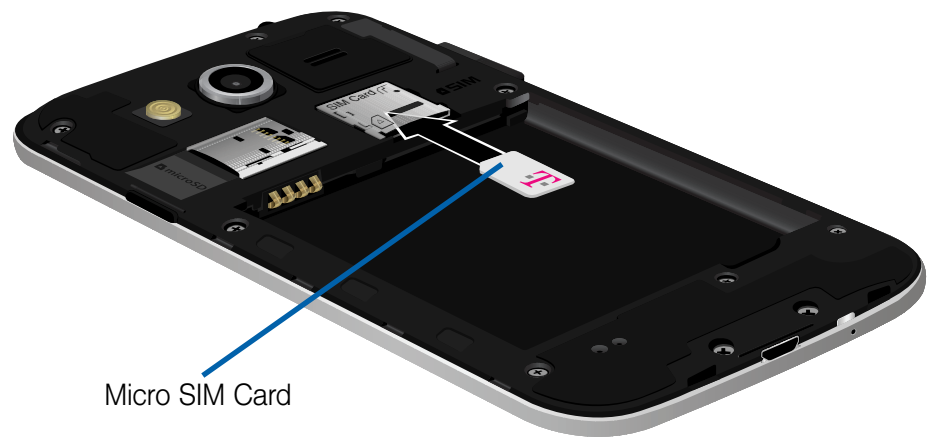
The micro SIM card is loaded with your subscription details such as your telephone number, PIN, available optional services, and many other features.

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.

Some features on your device (such as Wi-Fi Calling) can be unlocked by using the new micro SIM card. To use this new micro SIM card, call or contact customer service for more information. This card contains the necessary information for identifying and authenticating the user to the IMS (IP Multimedia Subsystem).

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. Carefully place your fingernail into the end of the micro SIM slot and push the card slightly out.
- 3. Carefully slide the card out of the micro SIM card socket.

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

Installing the microSD Memory Card

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

Note: This device supports an expandable memory card.

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

Important! Be sure to align the gold contact pins on the card with the 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. Firmly press the card into the slot and release it. The card should pop partially out of the slot.
- 3. Remove the card from the slot.
- 4. Replace the battery cover.

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 **Power/Lock** 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.



Installing Battery

Replacing the Battery Cover

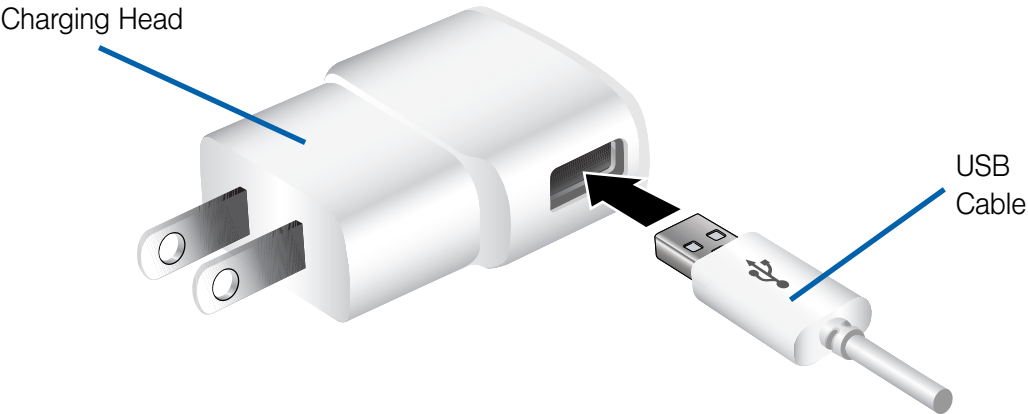
- Position the battery cover over the battery compartment and securely press down around the edges until you hear clicking.

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

Charging the Battery

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

Before using your device for the first time, you must fully charge the battery.



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.

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

To connect a USB cable to the device:

1. Connect the USB cable to the charging head.
2. Locate the Charger/Accessory jack and insert the USB cable into the appropriate jack.



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

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

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

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 the time your backlight stays on.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Deactivate your GPS functionality 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”.
- 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/Lock** until the device switches on.
- The device searches for your network and after finding it, you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. *For more information, refer to “Language and Input” on page 83.*

To turn the device off:

1. Press and hold  **Power/Lock** 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 **Start** and follow the on-screen setup instructions.

Note: You may be prompted with a notification that your activation is completed. Enabling Google location services can drain battery power.

For more information, refer to “Creating a Samsung Account” on page 81.

Note: Read the on-screen Dropbox set up and registration information regarding new services.

3. Enter a unique device name and tap **Finish** to complete the setup process.

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

4. Read the on-screen Collect diagnostics information.

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

5. 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** → **Backup and reset** → **Collect diagnostics** and turn off the **Allow Diagnostics** feature. *For more information, refer to “Collect Diagnostics” on page 83.*

Restarting the Device

1. Press and hold  **Power/Lock** 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 86.*

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 voicemail:

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

1. From the Home screen, tap  **Phone** and then touch and hold the  key until the device dials your voicemail service.

You may be prompted to enter a password.
2. Follow the tutorial to create a password, a greeting, and a display name.

Accessing Your Voicemail

You can access your Voicemail by either pressing and holding  on the keypad, or by using the device’s Application icon, then tapping the Voicemail application. To access Voice Mail using the menu:

1. From the Home screen, tap  **Phone** and then touch and hold  until the device dials voicemail.

Note: Touching and holding  will launch the voicemail application.

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

Accessing Your Voicemail From Another Phone

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

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 4.5” QHD screen (1920xxx x 1080xxxx??)
- Quad-core processor
- 4G LTE and High Speed Packet Access Plus (HSPA+).
- Android 4.4.2, Kit Kat OS Platform
- Galaxy Gear™ compliant. For a list of compatible smartphones, please visit: www.samsung.com/us/galaxygearsupport.
- Smart Switch™ compliant. For more information, see www.samsungsmartswitch.com
- Support for Motions and Gestures.
- Wi-Fi® Capability @ both 2.4GHz and 5GHz
- Apps available to download from the Google Play™ Store and Samsung Apps
- 5 Megapixel Camera and Camcorder with autofocus with smart stabalization and LED flash.
- 2 Megapixel Front Facing camera for Video Chat
- S-Beam file transfer technology
- NFC-compatible
- Bluetooth v4.0 enabled
- Full Integration of Google Mobile™ Services (Gmail, Google Maps, Google Hangouts, etc..)
- 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 Newsstand™
- Assisted GPS Navigation
- Expandable memory slot
- 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

Front View



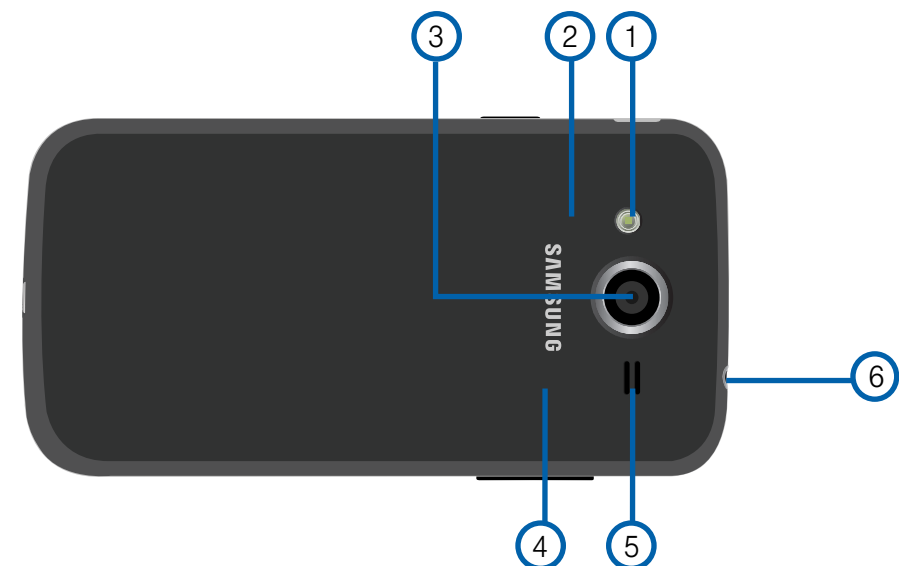
1. **Volume key** allows you to adjust the ringer volume in standby mode (with the phone open) or adjust the voice volume during a call. When receiving an incoming call:
 - Pressing the volume key down mutes the ring tone.
2. **Widgets** are self-contained on-screen applications (not shortcuts). These can be placed onto any of the available screens (Home or extended).
3. **Application icons** are shortcuts to your favorite applications on the Home screen.
4. **Primary Shortcuts** allow quick access to important features such as Phone, Contacts, Messages, Internet, and Apps.
5. **Recent key** displays a list of recently opened apps. Press and hold to access the Home screen options menu (page 15).
 - Tap  to go to the Task manager.
 - Tap  to delete the record of all recently used applications.
6. **Home key** displays the Home screen when pressed. Press and hold to launch Google search.

7. **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).
8. **USB Power/Accessory connector** allows you to connect a power cable or optional accessories such as a USB/data cable.
9. **Back key** redisplay the previous screen or clears entries.
10. **Home screen indicator** shows which Home screen is presently displayed.
11. **Google Quick Search bar** provides a shortcut to Google Search that allows you to search for items on the internet.
12. **Power/Lock key**  ends a call or switches the phone off and on. Press and hold for two seconds to:
- Access the audio modes for the device. Tap an on-screen selection (Mute, Vibrate, or Sound).
 - Turn the device On or Off (), activate/deactivate Airplane mode (), or Restart the device ().
 - Emergency mode ().

Important! Emergency mode is primarily intended to be a battery saving mode that provides access to limited functionality. For Emergency functionality, including notification of emergency contacts with GPS location and images, see “Safety assistance” on page 85.

13. **Indicator icons** shows the information needed to operate your phone, such as the received signal strength, phone battery level, time, unread Emails, missed calls, etc.
14. **Front Facing Camera** allows you to take pictures while facing the screen and allows you to video conference.
15. **Sensors** lets you use the ambient light level to adjust the screen brightness/contrast.
- The **Light 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.
- The **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.
16. **Receiver** allows you to hear the other caller.

Back View



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

Status Bar

The Status Bar shows information about the connection status, signal strength, battery level, and time, and displays additional notifications information.

This list identifies the icons you see on your device’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 15.

	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 Settings → Call → 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.
	Displays your current battery charge level. Icon shown is fully charged.
	Displays when the current battery is 100 percent charged. When the battery is 100 percent, an icon will be shown at the top left of the screen.
	Displays your battery is currently charging.

	Displays your current battery charge level is very low (Charge: ~11% - 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 connected to the 3G network.
	Displays when connected to the HSPA+ network.
	Displays when your phone is communicating with the 4G LTE network.
	Displays when the Download Booster feature is enabled and communicating.
	Displays when the phone has detected an active USB connection and is in a USB Debugging mode.
	Displays when the phone has been enabled to use an active USB 3.0 connection.
	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 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 49.
	Displays when an alarm is set. For more information, refer to “Setting an Alarm” on page 50.
	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 76.

	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. <i>For more information, refer to “Blocking Mode” on page 80.</i>
	Displays when Bluetooth technology is active and enabled.
	Displays when the Bluetooth technology is active and communicating with an external device.
	Displays when the an outbound file transfer is in progress.
	Displays when a file or application download is in progress.
	Displays when a screen capture has been taken and stored in the clipboard.
	Displays when your device is connected being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified devices.
	Displays when your device is currently sharing/streaming media to paired device using the Samsung Link application.
	Displays when updates are available for download.
	Displays when a Play Store download has completed.
	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. <i>For more information, refer to “USB Tethering” on page 67.</i>
	Displays when Wi-Fi is being used as a Mobile HotSpot feature is active and communicating. <i>For more information, refer to “Mobile HotSpot” on page 67.</i>
	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 with within your current active call.
	Displays when there is an error in the use or 911 registration of the Wi-Fi Calling feature.

	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 when your device's GPS Location feature 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 the Power saving alert notification has been activated. You are then prompted to view your current battery level.
	Displays when Near Field Communication (NFC) has been activated.
	The Smart stay feature is activated. The screen stays on as long as you are looking at it.
	Displays when TTY device has been inserted.

For more details on configuring your device's settings, see “Section 9: Changing Your Settings” on page 69.

Home Screen

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

Home Screen Options

In previous devices, pressing the hardware Menu key from the Home screen yielded on- screen options. In this device those same options are now available by touching and holding an empty screen area.

- 1. Navigate to an available screen containing an open area.
- 2. Touch and hold an empty area.
- 3. Select an available home screen option from the Edit Home screen option page below:
 - **Wallpapers** allows you to assign the current wallpaper for the Home screen, Lock screen, or Home and lock screens.
 - **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.
 - **Home screen settings** allows you to configure your Home screen to provide access to the My Magazine’s feature and enable/disable Transition effects.
 - **Remove tab** 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).



Notification Panel

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 (1) to open the Notifications panel.
- 2. Tap a notification entry to open the associated application (2).



Note: S Finder and Quick connect can quickly be accessed from the top area of the main Notifications screen.

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.

To minimize the Grid view:

- From the Notification panel, tap  **Close Grid view** to show only your primary functions.

Customizing the Notifications Panel

To customize the panel via the Notifications area:

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 ACTIVE BUTTONS area (those buttons that appear in the Notifications area).

To customize the panel via the Settings menu:

1. From the Home screen, tap  **Apps** →  **Settings** →  **Notification panel**.
2. In a single motion, touch and hold a desired function then drag it to the ACTIVE BUTTONS area.

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 My Magazine page, app 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:

- Customization of the Toolbox
- 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)

Customizing the Toolbox

For more information, refer to “Toolbox” on page 79.

Activating the Toolbox feature displays an on-screen button that provides quick access to a set of five user-defined applications.

Important! There can only be at most five applications assigned to the quick access Toolbox button.

To activate the Toolbox feature:

1. From the Home screen, tap  **Apps** →  **Settings** →  **Toolbox**.
2. In a single motion touch and slide the **Toolbox** slider to turn it on.

To customize the Toolbox applications:

1. From the active Toolbox screen, tap **Edit**.
2. Place a check mark alongside up to five applications. These will be quickly accessible via the on-screen button.
3. Tap **Save** once you have completed the assignment of your applications.

Adding and Deleting Screens

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

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

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

To add a screen:

1. Navigate to an available screen containing an open area, then press and hold  **Recent** until the Edit Home screen option page appears (page 15).
2. Scroll to the far right of the available screens and tap  **Add screen**. The newly added screen appears as the last page.
3. Press  **Home** to return to the main Home screen.

To delete a screen:

1. Navigate to an available screen containing an open area, then press and hold  **Recent** until the Edit Home screen option displays (page 15).
2. Scroll across the available screens, then drag the undesired screen up to the  **Remove** tab.
3. Press  **Home** to return to the main Home screen.

Rearranging the Screens

1. Navigate to the Edit Home screen option page (page 15).
2. Touch and hold a screen and then drag it left or right into its new location. Left most is screen position #1 and the right most is screen is the last screen.

Assigning a New Home Screen

1. Navigate to the Edit Home screen option page (page 15).
2. Tap  to assign an existing screen as the new Home screen. The new Home screen is highlighted and indicates the  **Home screen** icon at the top of the selected screen.

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 delete a shortcut:

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

Adding and Removing Primary Shortcuts

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

To remove a primary shortcut:

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

To insert a new primary shortcut:

1. From the Home screen, tap  **Apps**.
2. Locate your desired application, then touch and hold the on-screen icon to position it in the desired primary shortcut location. 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. Navigate to a target screen containing an available open area, then press and hold  **Recent** until the Edit Home screen option appears (*page 15*).
2. Tap **Widgets** pages and then locate a desired Widget.
3. Touch and hold an available Widget until it detaches from the screen.
4. While still holding the Widget, scroll over the location of the available screen and let go of the Widget to place it in the desired location.

To remove a Widget:

1. Touch and hold a Widget until it unlocks from the current screen.
2. Drag the widget over the  **Remove** tab and release it.
 - As you place the Widget into the remove/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), Static Wallpaper gallery images (default wallpapers), or Live wallpapers (animated backgrounds).

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

To change the current Home screen wallpaper:

1. Navigate to an available screen containing an open area.
2. Press and hold  **Recent** to launch the Edit Home screen option page page.
3. Tap **Wallpapers** → **Home screen**.
4. Scroll across the available wallpaper images and select a Wallpaper type:
 - Tap **More images** to select from a user image stored in the camera image gallery, crop the image, and tap **Done**.
 - Tap a **Live wallpaper** to select from an available animated background, once done 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 Home screen, tap  **Apps** →  **Settings** →  **Wallpaper**.
2. Choose from **Home screen**, **Lock screen**, or **Home and lock screens**.

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

3. Select a wallpaper image and tap **Done** or **Set wallpaper**.

For more information, refer to “Managing Wallpapers” on page 17.

To change the current Lock screen wallpaper:

1. From the Home screen, tap  **Apps** →  **Settings** →  **Wallpaper** → **Lock screen**.
2. Select a wallpaper image and tap **Done** or **Set wallpaper**.

Screen Navigation

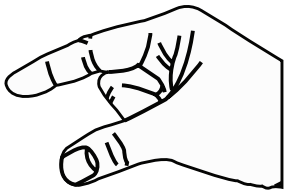
Using the touch screen display and the keys, you can navigate the features of your device and enter characters. The following conventions are used in this manual to describe the navigation action in the procedures.

Important! This device no longer uses a hardware menu button. This function has been moved to an on-screen **Menu** button.

Navigating Through the Screens

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

- **Press and hold:** Pressing relates to use of the hardware keys and buttons to select or activate an item. For example: press the Navigation key to scroll through a menu. Some buttons and keys require you to press and hold them to activate a feature, for example, you press the Lock key to lock and unlock the device.
- **Tap:** Use a brief touch to select items on the display or to enter text on the virtual QWERTY keyboard. For example: touch an Application icon to open the application. A light touch works best.
- **Touch and hold:** Touch and hold an icon or key to open the available options, or to access a pop-up menu. For example: touch and hold from the Home screen to access a menu of customization options.
- **Flick:** Move your finger in lighter, quicker strokes than swiping. This finger gesture is always used in a vertical motion, such as when flicking through contacts or a message list.
- **Swipe or slide:** Quickly drag your finger vertically or horizontally across the screen. This allows you to move the area of focus or to scroll through a list. For example: slide your finger left or right on the Home screen to scroll among the seven panels.
- **Drag:** Press and hold your finger with some pressure before you start to move it. Do not release your finger until you have reached the target position.
- **Rotate:** Automatically change the screen orientation from portrait to landscape by turning the device sideways. For example: rotate to landscape orientation when entering text, to provide a larger keyboard, or when viewing web content to minimize scrolling.
- **Pinch:** “Pinch” the screen using your thumb and forefinger to zoom out when viewing a picture or a Web page. (Move fingers inward to zoom out.)



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

Note: These screens can be re-arranged in any desired order. For more information, refer to “Customizing the Screens” on page 16.

- **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” on page 80.

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. From a screen with an available menu option, tap  **Menu**. A sub-menu displays on the screen.
2. Tap an available on-screen option.

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.

Entering Text

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

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

Text Input Methods

There are 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.

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, tap  **Apps** →  **Settings** →  **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  **Choose 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 **Choose 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 84.

- 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 **Choose input method** → **Google voice typing**. The virtual keyboard is then removed and all subsequent input to 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

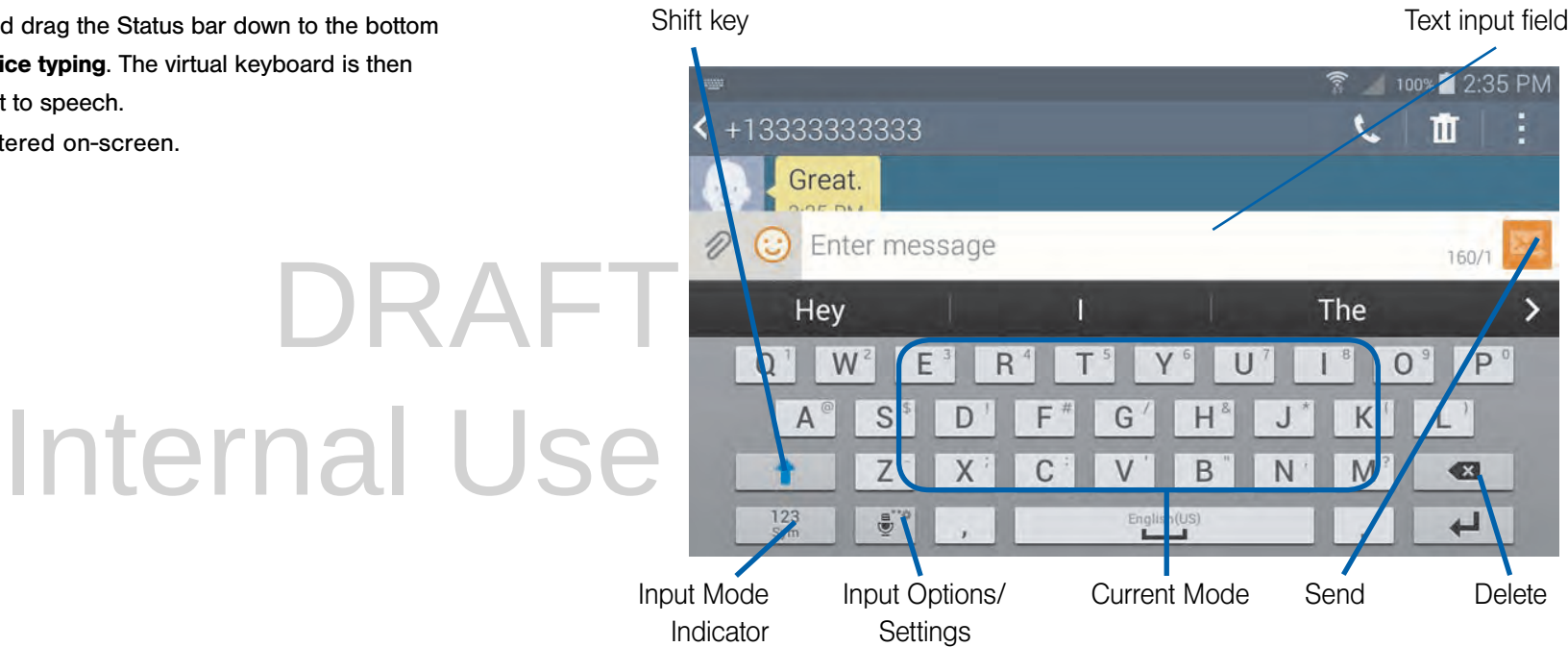
This device has a built-in, QWERTY keypad (portrait mode) or keyboard (landscape mode). Using the QWERTY keypad/ keyboard, you can type letter, numbers, punctuation, and other characters.

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

- 1. From the Home screen, tap **Apps** → **Settings** → **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 **Choose 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 83.

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:** Launch the device’s Google Voice typing application to covert spoken words into on-screen text.
 - **Clipboard:** Launch the device’s clipboard area from where you can select a current clipboard item to place in your current message.
 - **Settings:** Access the Samsung keyboard settings menu.
 - **Emoticons:** Insert an available emoticon from among several different sets.

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.

Using Symbol/Numeric Mode

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

- 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  to configure the keyboard for Symbol mode. Once in this mode, the text input type shows .
- 3. Tap a number, symbol, or emoticon character.
- 4. Tap  to return to ABC mode.

To enter symbols:

- 1. Tap  to configure the keyboard for Symbol mode.
- 2. Tap the appropriate symbol key.
 - or –
 - Tap  button to cycle through additional pages.
 - The first number on this key indicates which page (1 or 2) of additional characters is active.

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, tap  **Apps** →  **Settings** →  **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  **Home** 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  **Call**.
3. If you make a mistake while dialing, tap  **Delete** to clear the last digit.
 - or –
 - Touch and hold  **Delete** to clear the entire sequence.

Note: When you activate the **Auto redial** option from within the  **Phone** →  **Menu** → **Settings** → **Call** → **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

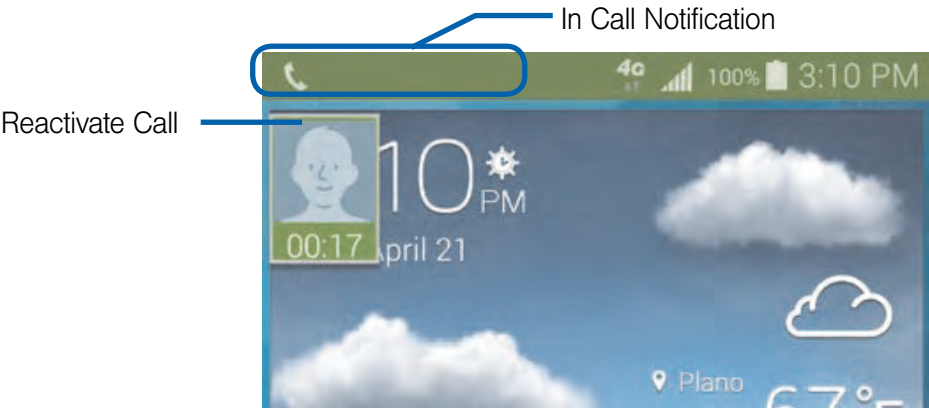
1. From the Home screen, tap  **Apps** →  **Contacts**.
2. Locate a contact from the list and in a single motion, touch and drag your finger over the number by going to the right. This action places a call to the recipient.

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 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..

- Tap the on-screen Reactivate Call button to return to the currently active call.



Ending a Call

- Briefly tap  **End Call** 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.

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

Note: Selecting Location consent may drain battery power.

3. Tap  **End call** to exit this calling mode.

Making an Emergency Call With a SIM card installed

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

- 1. Swipe the Lock screen to unlock the device.
- 2. From the Home screen, tap  **Phone**.
- 3. Enter the emergency number (ex: 911) and then tap  **Call**.
- 4. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

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

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

Dialing Options

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

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

- **Voicemail** () to access your Voicemail service.
- **Call** () to call the entered number.
- **Delete** () to delete digits from the current number.

To view additional dialing options:

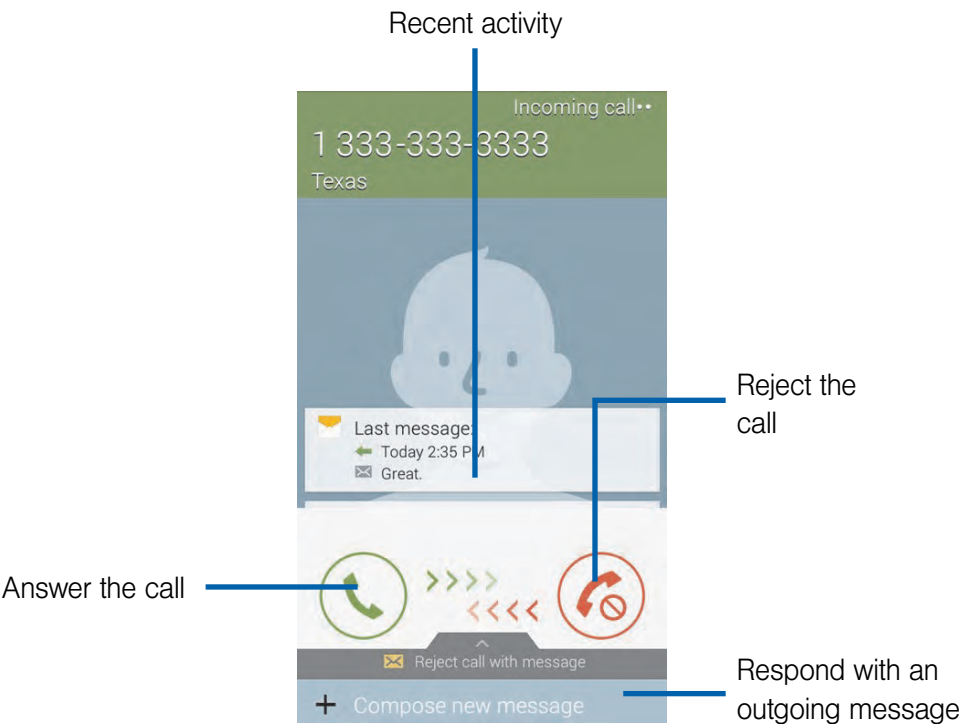
- After entering a number, tap  **Menu**.
 - **Add 2-sec pause:** Insert a two-second pause to enter a 2-second delay within a number string (the phone continues dialing after 2 seconds without any additional keys being pressed).

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

- **Add wait:** 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**.
- **Add to Contacts:** Add the current number to either a new or existing Contacts entry.
- **Send message:** Send the current caller a text message while still maintaining the current call active.
- **Speed dial:** Access the Speed dialing setting menu where you can assign a speed dial location to a current Contacts entry.
- **Settings:** Provide you access to the Phone settings screen.
- **Help:** Available on-screen help regarding calling features.

Answering a Call

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



Pressing the Volume down button mutes the ringer.

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

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  **Phone**.
2. Tap  **Menu** and then tap **Settings** → **Call** → **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 incoming calls:** 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  **Apps** →  **Contacts**.
- 2. Locate an entry and tap it to open the Contact Overview Screen (page 31).
- 3. Tap  **Menu** → **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  **Phone** 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  **Delete** once to delete a single digit.
– or –
Touch and hold  **Delete** to delete all digits.
- 4. Tap  **Call**.

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  **Phone** and use the on-screen keypad to enter the phone number.
- 2. Tap  **Menu** → **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 two seconds by entering multiple 2 second pauses.

- 4. Tap  **Call**.

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  **Phone** and use the on-screen keypad to enter the phone number.
- 2. Tap  **Menu** → **Add wait**. This feature causes the phone to require your acceptance before sending the next set of entered digits.
- 3. Tap  **Call**.
- 4. Once prompted to **Send the following tones?**, tap **Yes** to dial the remaining digits.

Redialing the Last Number

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

To recall any of these numbers:

- 1. From the Home screen, tap  **Phone**.
- 2. Tap the  **Logs** tab to display the list of recent calls.
- 3. Tap the name/number and tap  **Call**.

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  **Phone** →  **Keypad** tab.
- 2. Tap  **Menu** → **Speed dial**. The **Speed dial** screen displays a virtual list of locations with the numbers 2 through 100.
- 3. Tap an unassigned number slot.
- 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.

Removing a Speed Dial Entry

- 1. From the Speed dial screen, tap an entry and select  **Remove entry**.
- 2. Press  **Back** to return to the previous screen.

Changing a Speed Dial Entry Order

- 1. From the Speed dial screen, locate your desired slot.
- 2. Delete an existing entry and replace the now empty location with an existing Contacts entry.
- 3. Press **Back** to return to the previous screen.

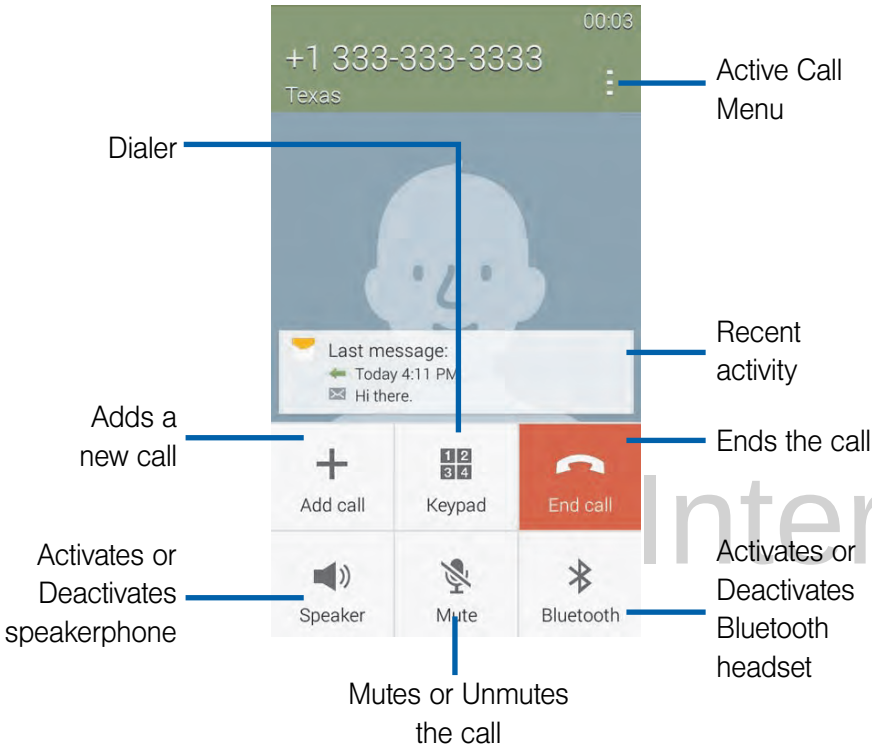
Making a Call Using Speed Dial

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

- 1. From the Home screen, tap **Phone**.
- 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 **Phone** → **Keypad** tab → **Menu** → **Speed dial** and scroll down the list to view the assigned phone number.

In Call Options

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



Note: 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. From the currently active call, tap **Menu** → **Personalize call sound**.

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

- 2. Select an available option. Choose from: Off, Soft sound, Clear sound, Adapt sound left, and Adapt sound right .

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. From the currently active call, tap **Menu** → **Hold** to place the current call on hold.
- 2. From the currently active call, tap **Menu** → **Resume call** to activate the call that is on hold.

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

- 1. From the currently active call, tap **Add call** to dial the second call.
- 2. Dial the new phone number and tap **Call**.

To switch between the two calls:

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

Turning the Speakerphone on and off

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

- 1. Tap **Speaker off** to toggle the speakerphone on.
- 2. Tap **Speaker on** to toggle the speakerphone off.

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

Muting a Call

- 1. Tap **Mute off** to turn mute on so the other caller cannot hear you speaking.
- 2. Tap **Mute on** to turn mute off and resume your conversation.

Switching to Bluetooth Headset

- 1. Pair the target Bluetooth headset prior to your call.
- 2. While on a call, switch to the Bluetooth headset instead of speaker by tapping **Bluetooth headset off**.
- 3. At the prompt, tap **OK** to enable Bluetooth if it is not already activated.
- 4. While on a call, switch back to the device speaker by tapping **Bluetooth headset on**.

More In-call Options

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

- ▶ Tap  **Menu** and then select an available in-call option:
 - **Hold:** During a call you can place the caller on hold.
 - **Contacts:** During a call you can look up a number in the Contacts list. Browse the Contacts list for the information you need.
 - **Memo:** During a call it may be necessary to create a new memo via an available pop up screen.
 - **Messages:** During a call you can create a message.
 - Address and create the message.
 - Review your message and tap  **Send**.
 - **Personalize call sound:** 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. *For more information, refer to “Personalizing the Call Sound Setting” on page 24.*
 - **Extra volume:** During a call it may be necessary to enable additional increases in the speaker volume.
 - **Settings:** Provides quick access to the Phone settings screen.

Multi-Party calls

Making a Multi-Party Call

A multi-party call is a network service that multiple people to participate in a multi-party or conference call. For further details about subscribing to this service, contact customer service.

Setting up a Multi-Party Call

1. From the Home screen, tap  **Phone**.
2. Dial the number for the first participant and tap  **Call**.
3. Once connected, tap **Add call**, enter the second phone number and tap  **Call**. The first caller is placed on hold.
4. Wait for the second caller to answer the incoming call, tap the on-screen previous **On hold** number entry and select **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. From within the merged call, tap **Manage**.
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.

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. From within the merged call, tap **Manage** →  **End** to the right of the number to drop. The participant is disconnected and you can continue the call with the other participant.
2. Tap  **End call** 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.

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

1. In a single motion, touch and slide  >>> in any direction to answer the new incoming call.
2. Tap an option from the Accept call after menu:
 - **Putting xxx on hold:** Place the previous caller on hold while you answer the new incoming call.
 - **Ending call with xxx:** 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 the on-screen previous **On hold** number entry and select  **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.

Accessing the Logs Tab

1. From the Home screen, tap  **Phone** →  **Logs** tab.
2. Tap an entry to view available options.

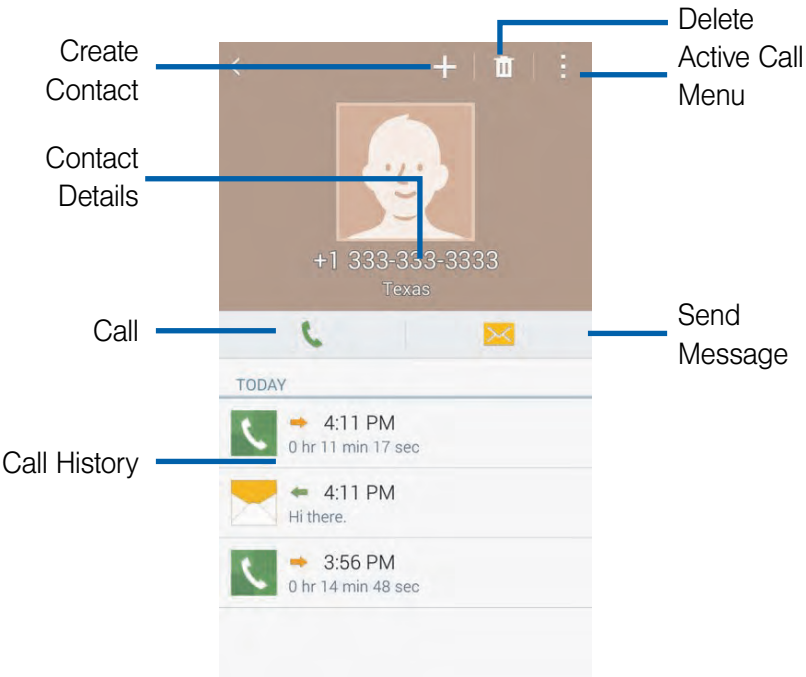
Note: The Logs tab only records calls that occur while the phone is turned on. If a call is received while it is turned off, it will not be included in your calling history.

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



1. Tap a contact entry name or number to reveal the **Call options** screen:
2. Tap  **Menu** to reveal additional options:
 - **Copy to dialing screen:** Pass the current number to your dialer and then edit the selected number before you place your next outbound call.
 - **Send number:** Send the current Contacts entry information to an external recipient.
 - **Add to reject list:** 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.

Altering Numbers from the Logs List

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

1. From the Home screen, tap  **Phone** →  **Logs** tab.
2. Open an entry to access the entry-specific context menu.
3. Tap  **Menu** → **Copy to dialing screen**.

Note: If prompted, select the **Phone** application to handle the action.

4. Edit the number using the on-screen keypad or delete digits by pressing  **Delete** to erase the numbers.
5. Tap  **Call** once the number has been changed.

Erasing the Call logs List

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

To clear a single entry from the list:

- 1. From the Home screen, tap  **Phone** →  **Logs** tab.
- 2. Select an entry and then tap **Delete** → **Select all** → **Done**.

To clear all entries from the list:

- 1. From the Home screen, tap  **Phone** →  **Logs** tab.
- 2. Tap  **Menu** → **Delete** → **Select all** → **Done**.
- 3. Tap **OK** to continue with the erasure.

– or –

Tap **Cancel** to stop the current process.

Call Duration

- 1. From the Home screen, tap  **Phone** →  **Logs** tab.
- 2. Tap  **Menu** → **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.
- 4. You may reset these times to zero by tapping  **Menu** then selecting **Reset**.

DRAFT
Internal Use Only

Section 4: Contacts

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

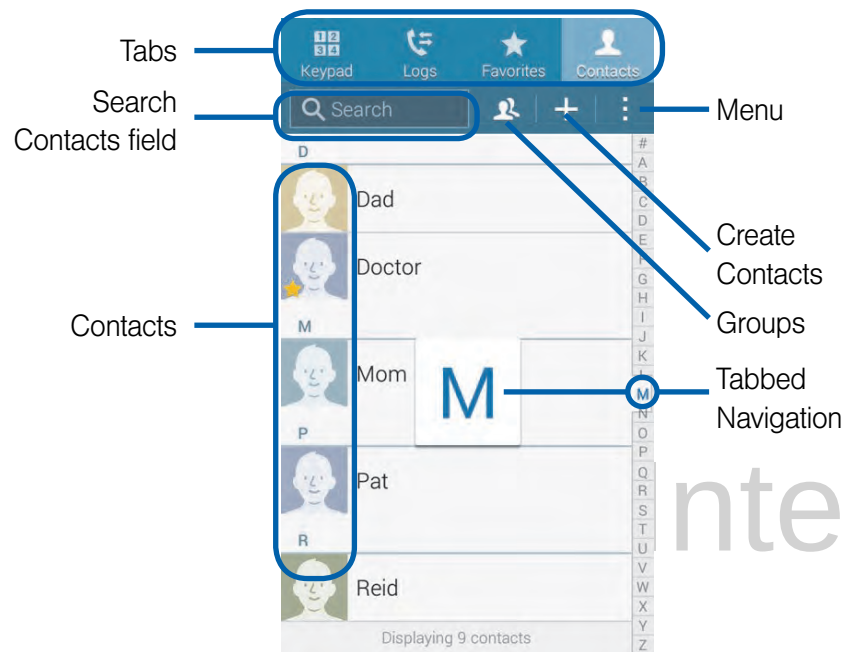
Accounts

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, tap  **Apps** →  **Settings** →  **Accounts**.

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



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 Device, 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 device is ever reset to its factory default parameters, contacts stored on the device 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  **Apps** →  **Contacts**.
2. Tap  to create a contact.

Note: You can also add a new contact by entering a number from the Phone keypad and then tapping **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, Tagged pictures, or Take picture.**

Note: The label entries below can change and are dependant on the selected destination type (ex: the Other and Custom might not 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, Work, Home, Work Fax, Home Fax, Pager, Other, Callback, or Custom**.
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.
8. Enter additional information such as: **Email, Groups, Ringtone**, 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, Relationship, Message tone, and Vibration pattern.
 - 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  **Phone**.
2. Enter a phone number using the on-screen dialpad.
3. Tap **Add to Contacts** → **Create contact** or select the Contact entry from the on-screen list.
– or –
Tap **Add to Contacts** → **Update existing**, and select a Contact.
4. Enter additional contact information.

Finding a Contact

You can store phone numbers and their corresponding names onto either your SIM card, your device’s built-in memory, or an external location (such as Google or Exchange). They are all physically separate but are used as a single entity, called Contacts. Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

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

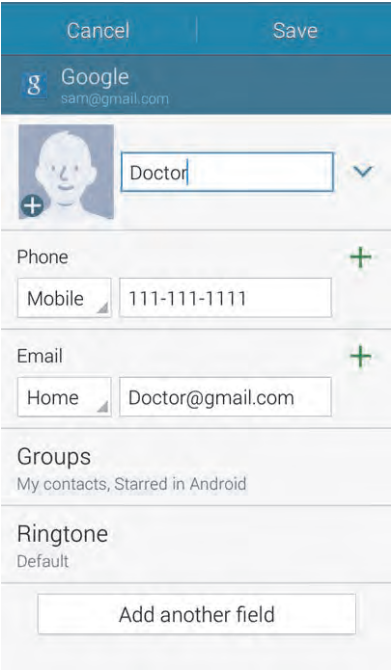
– or –
In a single motion, touch and hold the letter tab area (on the right) until on-screen letters appear, then scroll through the list. You are then taken to that section of the Contacts list. Tap the contact entry.

Editing Contact Information

1. From the Contacts screen, tap a contact name from the list and tap  **Edit**.
2. 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  **Apps** →  **Contacts**.
2. Tap a contact name from the list and tap  **Edit**.
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**, 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, Relationship, Message tone, and Vibration pattern.
 - 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.

Adding a Pause or Wait to an Existing Contact

1. From the Home screen, tap  **Phone** and use the on-screen keypad to enter a new phone number.
2. Tap  **Menu** → **Add 2-sec pause**. This feature adds an automatic two-second pause.
– or –
Tap  **Menu** → **Add wait**. This feature causes the phone to require your acceptance before sending the next set of entered digits.
3. Tap **Add to Contacts** → **Update existing**.
4. Scroll through the available list of existing entries and select the desired target.

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

5. Tap the label button (to the left of the new phone number) and scroll through the list to select a category type.
6. Tap **Save** to store and update the entry.

Deleting Contacts

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

1. From the Home screen, tap  **Apps** →  **Contacts**.
2. Touch and hold a contact name from the list, place a check mark alongside the desired entry, and select  **Delete** → **OK**.

Contacts Screen Options

1. From the Home screen, tap  **Apps** →  **Contacts**.
2. Tap  **Menu**. The following options display:
 - **Select**: Allows you to select entries by placing a check mark alongside a desired entry.
 - **Delete**: Allows you to delete one or more of your selected contacts.
 - **Merge accounts**: Allows you to merge all of your current Contact entries with either your active Google or Samsung account. If several of your contacts are from other external sources, this allows you to “back them up” or copy them to your Samsung account. Tap **OK** to continue or **Cancel** to exit.
 - **Speed dial**: Allows you to set up speed-dialing.
 - **Send message or email**: Allows you to send a text /picture message or an email using your Google account.
 - **Link contacts**: 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.
 - **Settings**: Allows you to configure where you access either Call or Contacts settings.
 - **Call**: Provides quick access to the Phone settings menu.
 - **Contacts**: Provides access to Contacts options such as: Import/Export, Contacts to display, etc..
 - **Help**: Provides an on-screen Help file that covers most high level topics for Contacts.

Contacts Settings

1. From the Home screen, tap  **Apps** →  **Contacts**.
2. Tap  **Menu** → **Settings** → **Contacts**. The following options display:
 - **Import/Export**: Imports or exports contacts to or from the USB storage location, and SIM card or SD card.
 - **Contacts to display**: Allows you to choose to display All contacts, those on your Device, SIM card, or only display contacts that are part of a Customized list.

Note: Other account types such as Gmail, Samsung account, and Microsoft Exchange appear once they have been added to the device.

- **Swipe to call or send msg**: Allows you to enable the ability to either call or send a message to a targeted Contacts entry by either sliding left of right across the entry from the Contacts list.
- **Only contacts with phones**: Allows you to only display those Contacts entries that only have an available phone number. This hides all other entries with only email addresses, etc..

Note: If you have recently updated your entries from an external account (ex: Exchange or Gmail), and they do not appear in your list, disable the **Only contacts with phones** option to view all entries.

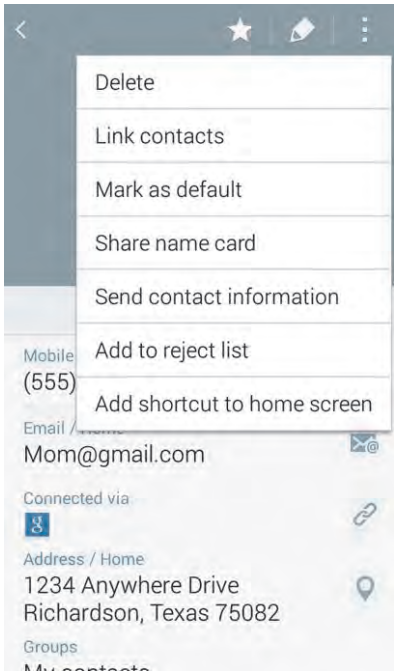
- **Sort by**: Allows you to sort the on-screen list of entries by either a **First name** or **Last name**.
- **Display contacts by**: Defines how the current list of Contacts are listed: **First name first** (ex: Steve Smith) or **Last name first** (Smith, Steve).
- **Service numbers**: Lists the currently available service numbers.
- **Send contact information**: Allows you configure how your Contacts entries are sent: individually or as a single file containing all available entries.
 - Tap **Export settings** to select a share setting.
 - **Send together**: 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.
 - **Send individually**: 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.

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

- **Accounts**: Provides quick access to your accounts listing.

Contact Entry Options

1. From the Contacts screen, tap an entry to reveal the **Contact Overview Screen**. This screen contains Name, contact numbers, email, and linked contact information.



Contact Overview Screen

2. Tap  **Menu** to reveal the context menu specific to this entry.
3. Tap an available option:
- **Delete:** Allows you to delete the currently active entry.
 - **Link contacts:** Allows you to link the current contact to another current contact.
 - **Mark as default:** Allows you to mark one entry in a contact record to use as the default (*page 32*).
 - **Share name card:** Allows you to send contact information as an attachment using an available option (*page 32*).
 - **Send contact information:** Allows you select specific elements of an existing contact (name, Mobile number, email, etc..) and send them to a recipient via a text message. This option does not send the entire Contact entry but only selected elements.
 - **Add to reject list:** Allows you to add an entry’s number to the reject list.
 - **Add shortcut to home screen:** Adds a shortcut to the current Contacts entry to an available screen location.

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  **Apps** →  **Contacts**.
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. Tap  **Menu** → **Link contacts**.
4. Tap the second contact entry (the entry in which to link) and select **Done**. 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.

Unlinking a Contact

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

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

2. Tap  **Link** within the **Connected via** area.
– or –
Tap  **Menu** → **Unlink contacts**.
3. Tap  next to the entry you want to unjoin 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 Contacts screen, tap a Contact entry.
- 2. Tap  **Menu** → **Mark as default**. The Mark as default screen displays radio buttons next to the contact name, phone number, or other contact information.
- 3. 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 **Save**.

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 Name card 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 Contacts screen, tap a Contact entry.
- 2. Tap  **Menu** → **Share name card** and select a delivery method. 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 email account has been created.

Sending All Current Namecards

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

- 1. From the Home screen, tap  **Apps** →  **Contacts**.
- 2. Tap  **Menu** → **Select** → **Select all** to place a check mark alongside all currently displayed Contact entries.
- 3. Tap  **Menu** → **Share name card** and select a delivery method.

Sending a namecard using Bluetooth

You must create a Contact prior to sending a namecard to a recipient.

- 1. From the Home screen, tap  **Apps** →  **Contacts**.
- 2. Tap a Contacts entry, and select  **Menu** → **Share name card** → **Bluetooth**.

Important! You must activate Bluetooth to use this feature.

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

Copying Contact Information

Copying Contact Information to the SIM Card

The default storage location for saving phone numbers to your Contacts list is your 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  **Apps** →  **Contacts**.
- 2. Tap  **Menu** → **Settings** → **Contacts** → **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  **Apps** →  **Contacts**.
- 2. Tap  **Menu** → **Settings** → **Contacts** → **Import/Export** → **Export to SD card**.
- 3. Tap **OK** to choose all current phone contact entries.

Synchronizing Contacts

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

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

- 1. From the Home screen, tap  **Apps** →  **Settings** →  **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 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 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.

- From the Contacts screen, tap  **Menu** → **Settings** → **Contacts** → **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 Device.
 - **SIM card:** 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 and email account and address before you can use the Send email feature.

1. From the Contacts screen, tap  **Menu** → **Send message or email** → **Email**. Contacts that contain an email address display.
2. 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.

3. Tap **Done**.

Note: If sending an email, select an email account type.

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

Export/Import

Provides additional import export options.

For more information, refer to “Copying Contact Information” on page 32.

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  **Apps** →  **Contacts**.
2. Tap  **Groups** →  **Add new group**.
3. Tap the **Group name** field and use the on-screen keypad to enter a new group name.
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 **Group message tone** and select a message alert ringtone to be associated with this group.
6. Tap **Group 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 Contacts screen, tap  **Groups**.
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 Contacts screen, tap  **Groups**.
2. Tap a group entry →  **Menu** → **Remove from group**.
3. Tap all of the contacts you want to remove from this group. A check mark displays next to contact entry.
4. 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 Contacts screen, tap  **Groups**.
2. Tap a group entry →  **Menu** → **Edit group**.
3. Make modifications to the **Group name**, **Group ringtone**, **Group message tone**, **Group vibration pattern** fields, or **Add member**.
4. Tap **Save**.

Deleting a Caller Group

- 1. From the Contacts screen, tap  **Groups**.
- 2. Tap  **Menu** → **Delete group**.
- 3. Tap the desired group and select **Done**.

Sending a Message to a Group

- 1. From the Contacts screen, tap  **Groups**.
- 2. Tap an existing group, and tap  **Menu** → **Send message or email**.
- 3. Select the recipients of the new message (indicated by a green check mark). If an entry contains multiple phone numbers, each must be selected individually.
- 4. Tap **Done**.
- 5. Type your message, and tap  **Send**.

The Favorites Tab

The Favorites tab is a list of the phone numbers that have been designated as favorite contacts.

- 1. From the Home screen, tap  **Apps** →  **Contacts**.
- 2. Tap  **Favorites** tab.

Adding a contact to your favorites list:

- 1. From within the Favorites tab, tap  **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.

DRAFT
Internal Use Only

Section 5: 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
- 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 13.*

Note: The Messaging application can also be accessed by pressing  **Home** and then tapping  **Apps** →  **Messages**.

Creating and Sending Messages

1. From the Home screen, tap  **Messages** →  **Tap to compose message**.
2. Tap the **Enter recipients** field to manually enter a recipient.

– or –
Tap  to select from one of the following:
 - **Logs:** Select a recipient from a list of recently sent messages.
 - **Favorites:** Select a recipient from the Favorites list.
 - **Contacts:** Select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
 - **Groups:** Select a recipient from the Group list.
3. If adding a recipient from either Logs, Contacts, or Groups, 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 recipients** 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 18.*
6. Tap  **Add emoticons** to choose an available emoticon from an on-screen list and then add it into your message (at the cursor location).
7. 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 picture:** Allows you to temporarily exit the message, take a photo with phone’s camera, and then add it to your message by tapping **Save**.
 - **Video:** Allows you to choose an existing video from the Videos list, then add it to your message.
 - **Record video:** Allows you to temporarily exit the message, record a video clip using the phone’s camera, and then add it to your message by tapping **Save**.
 - **Audio:** Allows you to choose an existing audio file from the Audio list, then add it to your message by tapping the circle to the right of the audio so that it turns green, then tapping **Done**.
 - **Record audio:** Allows you to temporarily exit the message and record an audio clip using the phone’s microphone. It is then automatically attached to the message.
 - **Memo:** Allows you to add a memo that you have created.
 - **Calendar:** Allows you to add an event from your calendar.
 - **My location:** Allows you to attach a Google Maps URL location indicating your current location.
 - **Maps:** Allows you to attach both a thumbnail and Google maps url link about your current location.
 - **Contacts:** Allows you to tap on an existing Address Book entry, then add it to your message by tapping **Done**.
8. Review your message and tap  **Send**.
9. 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  **Apps** →  **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, select  **Search**.
 - **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. *For more information, refer to “Message Search” on page 37.*
- or –
- From the main Message screen, tap  **Menu** to display additional messaging options:
- **Select:** Allows you to select desired messages.
 - **Delete:** Deletes the entire message and its bubbles.
 - **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.
 - **Quick responses:** Displays your available preset text message reply templates. *For more information, refer to “Quick Responses” on page 39.*
 - **Font size:** Allows you to configure the font size in use within your Messages application.
 - **Settings:** Allows you to access Messaging settings. *For more information, refer to “Messages Settings” on page 37.*
 - **Help:** Provides on-screen help information.
3. From the Messages screen list, touch and hold an on-screen message and select an option:
 - **Add to spam numbers:** Allows you to tag a number as spam so that these messages can be directly delivered to your spam folder.
 - **Delete:** Deletes the entire message and its bubbles.

Options while in a current message

1. From the Home screen, tap  **Messages**.
 2. From within an open message, tap either  **Call** to dial the current message phone number or tap  **Menu** to display additional messaging options:
 3. From within an open message, tap either:
 -  **Call** to dial the current message phone number.
 -  **Delete** to delete any message thread. Select the messages to delete and a green check mark will appear next to the message. Tap **Delete**.
- or –
- Tap  **Menu** to display additional messaging options:
- **View contact:** Allows you to view the existing contact details for the current sender.
 - **Add to contacts:** Allows you to add the sender to either a new or existing Contacts entry.
 - **Quick responses:** Displays your available preset text message reply templates. *For more information, refer to “Quick Responses” on page 39.*
 - **Add recipient:** Allows you to enter additional recipients to the message.
 - **Insert smiley:** Allows you to add insert smiley icons images (emoticons).
 - **Add subject:** Allows you to enter a subject.

- **Preview** (only in MMS): Allows you to add preview the MMS message prior to delivery.
- **Add slide:** Converts an SMS message into an MMS (Multimedia) message and allows you to attach an existing slideshow.
- **Schedule message:** Allows you to schedule a time for the current message to be delivered.
- **Duration (5 sec)** (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 to/Remove from priority senders:** Assigns or removes the current recipient’s phone number to/from a priority list for message delivery.
- **Add to/Remove from spam numbers:** Assigns or removes the current recipient’s phone number to/from the list of spam numbers.

Note: Priority senders appear at the top of the main Messages screen.

- **Discard:** Closes the current open message.
- **Font size:** Allows you to configure the font size in use within your Messages application.

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 Panel” on page 15.*
- or –
- From the Home screen, tap  **Messages** 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).

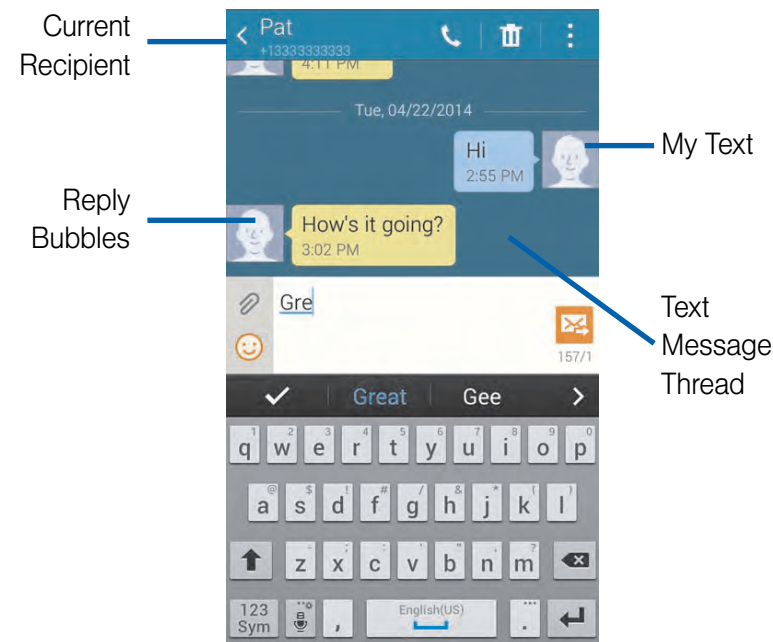
Message Threads

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  **Messages**.
 2. While the message is open, tap the **Enter message** field and then type your reply message.
 3. Compose your reply.
 4. Tap  **Send** to deliver your reply.
- or –
- Tap  **Menu** and then select one of the available message options.



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 text:** Copies the currently selected message bubble from the thread.
 - **View slideshow:** Displays the current bubbles media files as an on-screen slideshow.
 - **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.
 - **Save attachment:** Saves the current attachment (such as a media file) locally.
 - **Copy to SIM:** Copies the currently selected message bubble as a single text message within the SIM card.
 - **Share:** Allows you to share the contents of the selected bubble (text, media, etc..) via an available delivery method.
 - **View message details:** Displays details for the currently selected message bubble.

Deleting Messages

Deleting message threads

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

Deleting message bubbles

1. From the Home screen, tap  **Messages**.
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 Messages screen, tap  **Search**.
2. Use the on-screen keypad to enter a word or phrase in which to search, then tap .
3. All messages that contain the entered search string are displayed.

Messages Settings

To configure the settings:

1. From the Messages screen, tap  **Menu** → **Settings**.
2. Alter any of the following available options:
 - **Default messaging app** field: Sets your default messaging application.
 - **Display:** Alters the display properties for Messages.
 - **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.
 - **Change font size:** Allows you to change the text size by using the up or down volume keys.
 - **Text messages:** Alters the 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.
 - **Input mode:** Allows you to set the input mode for your text messages. Choose from: GSM Alphabet, Unicode, or Automatic.
 - **Message center:** Allows you to enter the number of your message center where your messages reside while the system is attempting to deliver them.
 - **Multimedia messages:** Alters the MMS settings.
 - **Group conversation:** When this option is activated, all new outgoing messages are group messages.
 - **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.

- **Set restrictions:** Allows you to select the creation mode. Choose from **Restricted** (you can only create and submit messages with content belonging to the Core MM Content Domain), **Warning** (the device 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.
- **Delete old messages:** Deletes old messages when the limit is reached, rather than overwriting them.
- **Priority senders:** Activates or deactivates the priority sender feature.
- **Push messages:** Allows you to receive push messages from the network.
- **Notifications:** Allows you to see message notifications on your status bar.
- **Emergency alerts:** Configures the emergency alert parameters:
 - **Emergency alerts:** Allows you to configure emergency alert settings. You can enable/disable those alert categories you wish to receive. Choose from: Imminent extreme alert, Imminent severe alert, and AMBER alerts.

Note: The Presidential alert can not be disabled.

- **Emergency notification preview:** Allows you to play a sample emergency alert tone. Tap **Stop** to cancel the playback.
- **Signature:** Configures message signatures:
 - **Edit signature:** Allows you to enter a desired signature for your message.
- **Spam filter:** 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.
- **Delay message sending:** Allows you to set a time delay limit that determines how long the messages are held until they are sent. This can allow you to cancel the delivery of a recent message.
- **Safe mode:** Allows you to set security parameters for Messages. Choose from **Allow access to all links** and **Potential threat alerts**.

Emergency Alert Configuration

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS); which may also be known as the Personal Localized Alerting Network (PLAN). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life
- AMBER Alerts (missing child alert)

Customers may choose not to receive Extreme Alerts, Severe Alerts, and AMBER Alerts.

Important! Alerts issued by the President can not be disabled.

To disable Extreme, Severe, and AMBER Alerts:

1. From the Messages screen, tap  **Menu** → **Settings**.
2. Scroll down the screen and select **Emergency alerts**. All alerts are enabled by default (check mark showing).
3. 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 Messages screen, touch and hold a message from a phone number.
2. Select  **Add to spam numbers** and tap **OK**.

To assign a phone number manually as spam:

1. From the Messages screen, tap  **Menu** → **Settings**.
2. Locate and activate the **Spam filter** option.
 - **Spam filter:** When enabled, allows you to configure available spam settings such as:
3. 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.
4. Tap the **enter 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.
5. 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 Messages screen, tap  **Menu** → **Settings**.
2. Locate and activate the **Spam filter** option.
3. 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.
4. Enter a term or word into the field.
5. 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 Messages screen, tap  **Menu** → **Settings**.
2. Locate and activate the **Spam filter** option.
3. Tap **Block unknown senders**. A check mark indicates the feature is active.
 - **Block unknown senders:** When active, automatically blocks incoming messages from unknown sources or blocked numbers.

If an incoming message is designated in coming from an unknown sender, it is automatically assigned as spam and is now located in your Spam folder.

Accessing Your Spam Folder

Any message assigned as spam is automatically placed with your Spam messages folder.

- From the Messages screen, tap  **Menu** → **Spam messages**.

Quick Responses

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 Messages screen, tap  **Menu** → **Quick responses**.
2. Tap a message to immediately insert it into your current message conversation.

To create your own quick responses:

1. From the Messages screen, tap  **Menu** → **Quick responses**.
2. Tap  **Add**.
3. 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, 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.

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, tap  and then select **Settings** → **Manage accounts** →  **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**.
5. At the **Account options** screen, select the frequency which the device should check for new email on the server and tap **Next**.

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

- Tap the **Notify me when email arrives** field to receive new email notifications.
 - Tap the **Automatically download attachments when connected to Wi-Fi** field to assist with faster access to large email attachments when using Wi-Fi.
6. At the **Set up email** screen, name the account and enter a screen name to identify yourself on this account.
 - The unique account name is used to differentiate this account from other email accounts accessed by your device.
 7. Tap **Done** to store the new account.

Messages for this account display on the Inbox tab. You can also view Personal information for this account, Receipts (if you setup the account to return receipts), Travel information, and more (if available).

Opening an Email

1. From the Home screen, tap  **Apps** →  **Email**.
2. Tap  **Inbox** (account name field upper-left) to open the complete email account list page.
 - Selecting this **Combined view** allows you to view all the emails for your current accounts, managed by the application, to be listed on a single screen.
3. Select an email account and tap an email message.

Refreshing Email messages

1. From the Home screen, tap  **Apps** →  **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  **Apps** →  **Email**.
2. Tap  **Inbox** (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  **Options** → **Cc/Bcc** fields 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  **Apps** →  **Email**.
2. Select an account and tap  **Menu** → **Settings** and alter any of the following GENERAL SETTINGS:
 - **Display:** Allows you to configure the way in which your email list is displayed.
 - **Default display:** Allows you to choose what is shown on-screen after you have moved or deleted emails. Choose form: Next email, Previous email, or Email list.
 - **Priority sender settings:** Allows you to assign Contacts as priority senders, Set as the default folder, assign email notifications, ringtones, and vibration patterns for emails from these senders.
 - **Spam addresses:** Allows you to create a list of spam email addresses.
 - **Delay email sending:** Allows you to set a time delay limit that determines how long the emails are held until they are sent. This can allow you to cancel the delivery of a recent email.

– or –

From the email application, select an account and tap  **Menu** → **Settings** → **Manage accounts** → **<Account>**. Alter any of the following settings:

- **Sync settings:** Allows you to adjust the email synchronization settings, adjust the sync schedule, and adjust the email retrieval size.
- **Signature:** Lets you both attach a customized signature and include a handwritten 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 **Done** 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 one 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.
- **Notification sound:** Plays a selected ringtone when a new email message is received.
- **Vibrate:** Activates a vibration when a new email message is received.

3. 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.
 - **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 cellular network connection.
 - **Incoming settings:** Lets you specify incoming email settings.
 - **Outgoing settings:** Lets you specify outgoing email settings.

Note: Some the above options may not be displayed when using some Internet account types.

Microsoft Exchange Email (Outlook)

Your phone also provides access to your company’s Outlook Exchange server. If your company uses the Microsoft Exchange Server, 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  **Apps** →  **Email**.

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

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  **Apps** →  **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  **Apps** →  **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 40.

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 open and displayed, tap  **Delete**.

DRAFT
Internal Use Only

Configuring Microsoft Exchange Email Settings

1. From the Home screen, tap  **Apps** →  **Email**.
2. Tap the Microsoft Exchange account.
3. From the current Email inbox listing, tap  **Menu** → **Settings** → **Manage accounts** → **<Exchange email account>**.
4. 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.
 - **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: **1 day**, **3 days**, or **1 week**.
 - **Limit retrieval size** 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 both attach a customized signature and include a handwritten 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 **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 update your password to match the one 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.
 - **Notification sound**: Plays a selected ringtone when a new email message is received.
 - **Vibrate**: activates a vibration when a new email message is received.
5. Tap the **More settings** field to access additional options:
 - **Account name**: displays your uniquely created account display name.
 - **Always Cc/Bcc myself** allows you to include your own email address in either the CC, Bcc, or None fields. Lets you always receive a copy of outgoing emails.
 - **Show images**: allows you to view embedded images located within the body of the currently displayed email.
 - **Auto download attachments**: allows the device to automatically download email attachments when an active Wi-Fi connection is detected. This process speeds up the process of downloading an emails attachments for offline review by not using a cellular network connection.
 - **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 encryption cert, Email signing cert, and Security policy list. These security 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.

6. Press  **Back** to return to the previous page.

DRAFT
Internal Use Only

Section 6: Multimedia

This section explains how to use the multimedia features of your device, including the Camera/Camcorder, 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 not 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** →  **Settings** and scroll up to the **Storage location** entry.
2. 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**.

3. Press  **Home** 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.

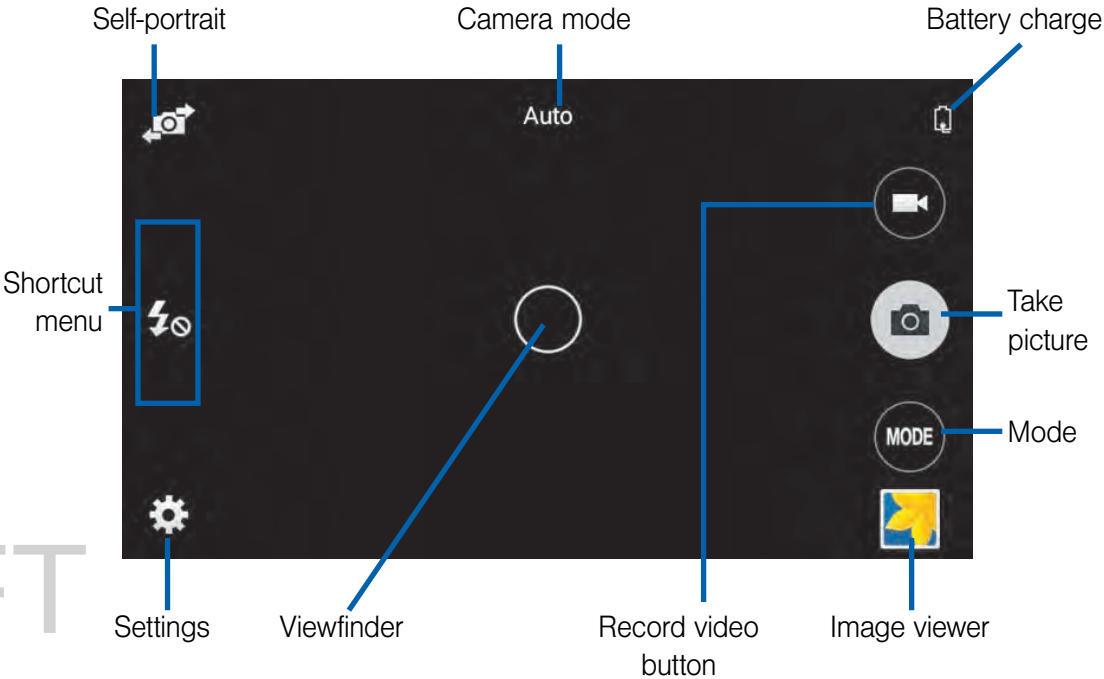
1. From the Home screen, tap  **Apps** →  **Camera**.
– or –
From the Lock screen, swipe across the on-screen camera icon to launch the camera application.
2. Using the device’s main display screen as a viewfinder, adjust the image by aiming the camera at the subject.

Note: On your initial activation of the camera, firmware configuration can take up to 1 minute. This is a one time process.

3. Pinch the screen to zoom out or pinch outwards to zoom in. You can magnify the picture up to x4 (400 percent).

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.

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  **Mode** to change the mode to one of the following:
 - **Auto**: Automatically adjust the exposure, color, and brightness settings. This mode allows single image shots or burst shots.
 - **Beauty face**: Take photos with lightened faces for gentler images.
 - **Panorama**: 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.
 - **Shot & 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.
 - **Sports**: Use this to take fast action photos.

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  **Mode** and select **Dual camera**. 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.

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.

- From the main camera screen, tap  **Settings** to quickly change these settings. The settings that are displayed will depend on what camera mode you are in.
- **Picture size:** Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.
- **Face detection:** Allows you to adjust the camera focus based on face detection technology.
- **ISO:** Determines how sensitive the light meter is on your digital camera. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Metering modes:** Allows you to set how the camera measures or meters the light source: Center-weighted, Matrix, or Spot.
- **Tap to take pics.:** Allows you enable the ability to also take images by tapping on the screen.
- **Video size:** Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Recording mode:** Select a resolution for videos. Choose from: Normal or Limit for MMS.
- **Effects:** Provides access to pre-installed and downloaded effects. Default effects include: No effect, Vignette, Faded color, Grayscale, Sepia, Tint, Turquoise, Cartoon, Fisheye, Moody, Oil pastel, Rugged, Download (additional effects).
- **Flash:** Activate or deactivate the flash.
- **Timer:** Use this for delayed-time shots. You can set the timer to Off, 2 sec, 5 sec, or 10 sec.
- **Location 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.
- **Storage location:** Select the memory location for storage.
- **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.
- **Guide lines:** Display viewfinder guides to help composition when selecting subjects.

- **Shutter sound:** Turn the shutter sound on or off.
- **Voice control:** Activates/deactivates voice control feature that allows you to verbally take a photo.
- **Help:** Provides an on-screen set of help topics.
- **Reset settings:** Reset the camera settings.

Pictures and Videos Image Viewer Options

After you take a photo or record a video, you can access various options.

Photo viewing options

- 1. Tap a thumbnail from the Thumbnail viewer to view a preview of 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 Samsung Link device from your available list.
 - **Share via** : Allows you to share the picture via an available on-screen option.
 - **Edit** : Allows you to edit the current image. Launches the editor application.
 - **Delete** : allows you to delete the current picture.
- 3. Tap  **Menu** for additional options such as:
 - **Remove sound:** Allows to remove an embedded sound file.
 - **More info:** Provides file details such as Date, Location, Category, Tags, and Additional Details (Title, Type, Date, Album, Size, Resolution, Orientation, Manufacturer, Model, Focal length, White balance, and Path).
 - **Copy to clipboard:** Allows you to copy the current file to your device’s temporary clipboard.
 - **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.
 - **Rename:** Allows you to rename the current file.
 - **Slideshow:** Allows you to see your photos in a slideshow.
 - **Set as:** Allows you to set the current image as either a Contact photo, Home screen, Lock screen, or Home and lock screens.
 - **Print:** Allows you to print the current image on a compatible printer.
 - **Settings:** Provides access to the Gallery options menu. Choose from SNS DATA MANAGEMENT (Sync only via Wi-Fi), TAGS (Tag buddy or Face tag), or 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.

– or –

Select any of these on-screen options:

- **Share via**  : allows you to share the video via an available on-screen option.
- **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. Tap  **Menu** 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, you can magnify the video up to x4 (400 percent).
 - 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  . 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  **Back** 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 an available option.
- **Delete**  : allows you to delete the current video. Choose either **OK** or **Cancel**.

– or –

Touch and hold a listed video file to place a check mark alongside and then tap  **Menu** for additional options:

- **Copy to:** allows you to copy the current video to an existing album.
- **Add to event:** allows you to add the current video to an existing event.
- **Studio:** allows you to open the currently selected file within the Studio application.
- **Slideshow:** allows you to see your files in a slideshow or access the slideshow settings.
- **Details:** displays video file information.

– or –

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

- **More info:** provides details about the current file.
- **Rename:** allows you to rename the filename of the currently selected video.
- **Slideshow:** allows you to see your files in a slideshow or access the slideshow settings.
- **Settings:** provide access to the Galley settings page. From this page you can configure the SNS DATA MANAGEMENT, FILTER, TAGS, and Face tag.

Sharing Pictures

Pictures are the best way of remembering the moment, but an even better treat is to share them with others.

Your device can quickly share a picture without using email or messaging.

- **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.

Using S Beam to Share Pictures

This feature (when activated via NFC) allows you to beam large files directly to another compatible device that is in direct contact. These files can be larger, such as Videos, HD pictures, and other large files.You can beam images and videos from your gallery, music files from your music player, and more.

1. From the Home screen, tap  **Apps** →  **Settings** →  **NFC**.
2. If not already active, in a single motion touch and slide the **NFC** slider to the right to turn it on.
3. Tap **S Beam** and make sure the feature is turned on.
4. If not already active, in a single motion touch and slide the **S Beam** slider to the right to turn it on.
5. On the source device (containing the desired image or video), tap  **Apps** →  **Gallery**.
6. Locate and tap the selected image to open it in the preview window.

Important! Neither device must be in Lock mode or displaying the Lock screen. They must both be active and unlocked. It is recommended that the target device be on the Home screen.

7. Place the two active NFC-enabled devices back to back to begin.

Note: If the **Touch to beam** screen does not appear on the source device:

- Pull them apart
- Verify the image is visible in the preview window on the source device (providing the file)
- Place them together again

8. From the **Touch to beam** screen, tap the reduced image preview to begin the transfer. After a few seconds (depending on file size) the recipient with then see the transferred file displayed on their screen.

To share multiple pictures via S Beam:

1. On the source device (containing the desired image or video), tap  **Apps** →  **Gallery**.
2. Locate the selected folder.
3. Touch and hold the first image and place a check mark on it and all desired images.
4. Place the two active NFC-enabled devices back to back to begin.
5. From the **Touch to beam** screen, tap the reduced image preview to begin the transfer.
6. When prompted, separate the two devices.

Camera Gallery Options

The Gallery is where you can access the Gallery of stored camera images.

1. From the Home screen, tap  **Apps** →  **Gallery**.
2. Select a folder location (ex: **Camera**) and tap an image to open it.
 - or –Touch and hold an image to place a check mark on the file and select multiple files.
 - or –Tap the upper-right camera to begin taking pictures that are placed in this folder.

Sharing a Gallery Image to a Target Device

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

1. Launch Samsung Link on the target device (such as an Internet TV, Samsung Tablet, etc..).
2. From the Home screen, tap  **Apps** →  **Gallery**.

Note: You must be signed in to your Samsung Account before you can use this feature.

3. Open a selected image.
4. Tap  **Stream to connected devices** and select an available target device to begin streaming.
5. On a target device (ex: Internet TV) select the on-screen **Allow** button to continue.

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

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

Assigning an Image as a Contact Photo

1. From the Home screen, tap  **Apps** →  **Gallery**.
2. Select a folder location and tap a file to open it.
3. With the image displayed, tap  **Menu** and then tap **Set as** → **Contact photo**.
4. Tap a contact to make a selection.
5. Use the on-screen crop the image by dragging it around or out from its corners.
6. Tap **Done** to store the new image.

Assigning an Image as a Wallpaper

1. From the Home screen, tap  **Apps** →  **Gallery**.
2. Select a folder location and tap a file to open it.
3. With the image displayed, tap  **Menu** and then tap **Set as**.
4. Select one of the these options:
 - **Home screen:** Assigns the current image to the home screen background. This image is spread across all available screens.
 - **Lock screen:** Assigns the selected image to the background for the lock screen.
 - **Home and lock screens:** Assigns the current image to both the Home screen and Lock screens.
 - **Wallpaper:** Assigns the current image as a wallpaper.
5. Touch and drag the crop box anywhere on the picture. Touch and drag the sides of the crop box to zoom in or out to create a cropped area.
6. Tap **Done** to assign the wallpaper image.
 - or –Tap **Cancel** to stop without updating the wallpaper image.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for pictures that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the picture.

1. From the Home screen, tap  **Apps** →  **Gallery**.
2. Select a folder location and tap a file to open it.
3. With the image displayed, tap  **Menu** and then tap **Edit**.
 - **Edit**: allows you to edit the current image.

Note: To select the picture area, touch and hold the current picture.

4. Tap **Download** to follow the on-screen installation instructions. If prompted, log into your Samsung account.

The Gallery

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

Note: If the phone displays a memory full message when accessing the Gallery, access **Files** and remove some of the media files from the folders, and then open the Gallery.

Opening the Gallery

- From the Home screen, tap  **Apps** →  **Gallery**. *For more information, refer to “Camera Gallery Options” on page 46.*

Note: If you stored your files in folders (directories) on the storage card, Gallery displays these folders as separate albums. The top left album contains all the pictures in the storage card.

Viewing a Video within the Gallery

1. From the Home screen, tap  **Apps** →  **Gallery**.
2. Locate your folder and video.
3. Tap  **Play** to playback your video.

For more information on using the Picture-in-Picture feature for video playback, see “Using Picture-In-Picture” on page 60.

Section 7: Applications and Development

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

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or otherwise should be obtained from the application provider directly.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For more information, refer to “Customizing the Screens” on page 16. You can also add an application icon as a Primary Shortcut that will display on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Applications menu.

Applications

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

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

Application Screen Menu Settings

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

1. Press  **Home** and then tap  **Apps**.
2. Tap  **Menu** and then select from the following options:
 - **Edit:** Allows you to organize your current applications by moving them around the screen, edit or delete existing Apps folders.
 - **Create folder:** Allows you to create an application folder where you can better organize and group desired apps.
 - **View as:** Allows you to customize the way the Apps menu listing is shown. Choose from: Customizable grid or Alphabetical grid.
 - **Downloaded apps:** Displays any installed packages or applications from the Play Store that are taking up memory space.
 - **Uninstall/disable apps:** Allows you to uninstall or disable selected applications. User-downloaded apps will be uninstalled, but core applications can only be disabled.
Tap  to remove the selected app.
 - **Hide apps:** Allows you to temporarily hide selected apps within your Applications screens. Once selected, tap **Done** to complete the action.
 - **Show disabled apps:** Allows you to re-enable previously disabled applications for viewing in this menu. Once you have selected the apps, tap **Done**.
 - **Show hidden apps:** Allows you to unhide any previously hidden applications. Once selected, tap **Done** to complete the action.
 - **GALAXY Essentials:** Takes you to a page from where you can download applications that are both compatible with and designed to enhance your device.

- **Help:** Takes you to the in-device Help application.

3. Press  **Home** to return to the Home screen.

Accessing Recently Used Applications

1. Press  **Recent** from any screen to open the recently-used applications window.
2. Tap  **Active Apps Manager** to open the selected application:
 - **RAM STATUS** graphically displays both the current amount of available and used memory.
 - **ACTIVE APPLCIATIONS** displays a listing of currently active services and applications.
 - **End** to close a targeted service or application.
 - **End all** to close all currently running services or applications.
3. Tap  **End All** to both close any active service/application and delete the record of all recently used applications.

Shutting Down an Currently Active Application

- Press  **Recent** and then tap  **End All**.
- or –
- Press  **Recent** and then tap  **Active Apps Manager** tab → **End** (to close selected applications) or **End all** to close all background running applications.

Amazon

This mobile application provides a user with access to the online Amazon website.

1. From the Home screen, tap  **Apps** →  **Amazon**.
2. Log in to the site and follow the on-screen instructions.

Calculator

Using this feature allows you to use your device as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

1. From the Home screen, tap  **Apps** →  **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by tapping the **Plus**, **Minus**, **Multiplication**, or **Division** key.
4. Enter the next number.
5. To view the result, tap the = **(equals)** key.
6. Repeat steps 1 to 4 as many times as required.

Note: Place the screen in Landscape mode to reveal additional scientific functions.

Calendar

With this feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder. Google Calendar is built into the phone and synchronizes both new and existing entries between your phone and your online Google account.

Important! You should previously add an account (Facebook, Microsoft Exchange ActiveSync, or Google) prior to using the Calendar.

1. From the Home screen, tap  **Apps** →  **Calendar**.
2. Tap  **Options** to reveal the following options along the left side of the display:
 - **Year:** displays the Year view.
 - **Month:** displays the Month view as an on-screen pop-up.
 - **Month and agenda:** displays both the Month view with an area of the screen listing your upcoming events.
 - **Week:** displays the Week view.
 - **Day:** displays the Day view.
 - **Agenda:** displays the upcoming events in a List view.
3. Tap  **Create event** to create a new Calendar event.
– or –
Tap **Today** to display the current date indicated by a blue box, then tap  **Menu** and select one of the following options:
 - **Go to:** displays a specific date.
 - **Delete:** allows you to delete All events, All events before today, or an individual event.
 - **Search:** allows you to search within your current events.
 - **Calendars:** synchronizes your current calendar events with your available accounts (such as Gmail, Microsoft Exchange ActiveSync, etc..).
 - **Sync:** allows you to synchronize your calendar events from across multiple accounts.
 - **Settings:** displays a list of configurable settings.

Creating a Calendar Event

1. From the Home screen, tap  **Apps** →  **Calendar**.
2. Within the Year, Month, Week, and Day views,  **Create event** to create a new Calendar event.

Calendar Settings

Using the Calendar settings you can select the day with which you want the calendar to begin. You also select how you want to view the calendar, by Month, Week, or Day or determine how to manage events, notifications, sounds, and defaults reminders.

1. From the Calendar screen, tap  **Menu** → **Settings**.
2. Tap **First day of week** and select either **Locale default**, **Saturday**, **Sunday** or **Monday**.
3. Tap **Show week numbers** to display the week numbers along the side of the week entries.
4. Tap **Hide declined events** to activate this option. A check mark indicates a selection.
5. Tap **Hide completed tasks** to activate this option. A check mark indicates a selection.
6. Tap **Weather** to activate this option. A check mark indicates selection.
7. Tap **Lock time zone** to lock event time based on your current user-selected time zone.
 - Select a time zone from within the **Select time zone** field.
 - Select a fixed time zone for display (a default) from within the **View today according to** field. Choose from Fixed time zone or Local time zone.

8. Tap **Select alert type** to adjust the Status bar event notification method. Choose from: **Sound alerts**, **Status bar notifications**, and **Off**.
9. Tap **Notification sound** to assign a ringtone to a calendar event notification.
10. Tap **Vibration** to assign a vibration notification to this event.
11. Tap **Quick responses** to edit your default quick responses for outbound emails. These are default responses similar to those used by text templates.

Camera

Use your camera feature to produce photos in a JPEG format. The Camcorder shoots High Definition video in an MP4 format.

Note: A microSD card is no longer necessary before you take pictures or shoot video. It is recommended that you confirm your default storage location for images and videos.

- From the Home screen, tap  **Apps** →  **Camera**.
- For more information, refer to “Using the Camera” on page 43.

ChatON

Provides a global mobile communication service where you can chat with more than 2 buddies via a group chat. Share things such as pictures, videos, audio, Contacts, Calendar entries, and Location information.

Important! The Samsung account manages the access information (username/password) to several applications, such as ChatON.

For more information, visit: <https://web.samsungchaton.com>.

Registering with the Service

1. Confirm you have already logged in to your Samsung account.
2. From the Home screen, tap  **Apps** →  **ChatON**.
3. If prompted to connect via a mobile network, tap **Connect**.
4. If prompted, review the **Terms and conditions**, **Privacy policy**, and tap **Accept** to continue.
5. Tap **Sign in** to log into your Samsung account
– or –
Tap **Skip** to continue without logging in.
6. Read the on-screen notification about data charges and tap **OK**.
7. Select a country code, enter your current phone number to register with the service, and tap **Register**.
8. Choose to receive the verification code via either **SMS** (text message) or **Voice** (answering machine call) to your device.

Note: If you opt to receive the verification code via SMS, this information is sent directly to your device. Once received, the **Verification** field is automatically filled in.

9. Enter your name and tap **Get started**.