

Samsung GALAXY S III

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

User Manual

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



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.

IF YOUR CARRIER PROHIBITS THIS, IF YOU ATTEMPT TO DOWNLOAD SOFTWARE ONTO THE DEVICE WITHOUT AUTHORIZATION, YOU WILL BE NOTIFIED ON THE SCREEN THAT THE PHONE WILL NO LONGER OPERATE AND BE INSTRUCTED TO POWER DOWN THE DEVICE. YOU MUST THEN CONTACT YOUR CARRIER TO RESTORE THE DEVICE TO THE CARRIER AUTHORIZED SETTINGS.

SAFETM (Samsung Approved For Enterprise)

SAFETM: "SAFETM" (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 SAFETM 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, SAFETM DEVICES AND APPLICATIONS TESTED WITH SAFETM 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, SAFETM DEVICES OR APPLICATIONS TESTED WITH SAFETM 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 smartphones and mobile devices are sold. [051214]

Samsung Telecommunications America (STA), LLC

Headquarters:

1301 E. Lookout Drive

Richardson, TX 75082

Phone: 1-800-SAMSUNG (726-7864)

Phone: 1-888-987-HELP (4357)

Internet Address:

www.samsung.com

©2012 Samsung Telecommunications America, LLC. Samsung is a registered trademark of Samsung Electronics Co., Ltd.

Do you have questions about your Samsung Mobile Phone?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

www.samsung.com/us/support

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.

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.

microSD[™], microSDHC[™], and the microSD logo are Trademarks of the SD Card Association.

DivX[®], DivX Certified[®] and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license. DivX Certified[®] to play DivX[®] video up to HD 720p, including premium content.

ABOUT DIVX VIDEO: DivX[®] is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified[®] device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified[®] device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in License settings under **Settings > About phone > Legal information**. Go to vod.divx.com for more information on how to complete your registration.

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.

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

©Samsung Telecommunications America, LLC (“Samsung”). Samsung, Galaxy S, Super AMOLED, and Samsung Link are all trademarks of Samsung Electronics Co., Ltd. and/or its related entities. Other company names, product names and marks mentioned herein are the property of their respective owners and may be trademarks or registered trademarks. Appearance of device may vary.

©Verizon Wireless. Verizon Wireless and the Verizon Wireless logos are trademarks of Verizon Trademark Services LLC. All company names, trademarks, logos and copyrights not property of Verizon Wireless are the property of their respective owners.

Online 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

The online version of the End User Licensing Agreement for your device can be found:

Online at: <http://www.samsung.com/us/Legal/SamsungLegal-EULA3>.

Table of Contents

Section 1: Getting Started6

| | |
|--------------------------------|----|
| Understanding This User Manual | 6 |
| Setting Up Your Phone | 7 |
| Charging the Battery | 11 |
| Turning the Phone On or Off | 13 |
| Setup Wizard | 14 |
| Creating a Samsung Account | 14 |
| Creating a New Google Account | 15 |
| Displaying Your Phone Number | 15 |
| Voicemail | 15 |
| TTY Mode | 15 |
| Roaming | 16 |
| Task Manager | 16 |
| Securing Your Phone | 17 |

Section 2: Understanding Your Phone18

| | |
|------------------------|----|
| Features of Your Phone | 18 |
| Front View | 19 |
| Side Views | 20 |
| Top and Bottom Views | 20 |

| | |
|------------------------------|----|
| Back View | 21 |
| Home Screen | 21 |
| Display Layout | 22 |
| Notifications | 22 |
| Status Bar | 24 |
| Using Motions and Gestures | 28 |
| Multi Window | 30 |
| Navigation | 35 |
| Customizing Your Home Screen | 37 |
| Apps Screen | 43 |
| Memory Card | 44 |
| Entering Text | 45 |

Section 3: Contacts and Accounts51

| | |
|------------------|----|
| Accounts | 51 |
| Contacts | 52 |
| Using Contacts | 56 |
| Linking Contacts | 56 |
| Contacts Options | 58 |
| Groups | 60 |

| | | | |
|---|-----------|-------------------------------------|------------|
| Favorites | 63 | Message Search | 86 |
| Managing Contacts | 64 | Saved Messages Folder | 86 |
| Speed Dials | 66 | Messaging Settings | 86 |
| Using the Service Dialing Numbers | 66 | Emergency Alerts | 87 |
| Section 4: Call Functions | 67 | Using Email | 87 |
| Displaying Your Phone Number | 67 | Gmail | 90 |
| Phone | 67 | Google+ | 91 |
| Making Calls | 67 | Hangouts | 92 |
| Making Emergency Calls | 70 | Voicemail | 92 |
| Making a Call Using Speed Dial | 71 | Section 6: Multimedia | 94 |
| Answering a Call | 71 | Music | 94 |
| Dialing Options | 72 | Google Play Music | 98 |
| Call Log | 73 | Video | 98 |
| Call Duration | 75 | Play Movies & TV | 99 |
| Options During a Call | 76 | Gallery | 100 |
| Call Settings | 80 | Camera | 104 |
| Section 5: Messaging | 81 | Camcorder | 109 |
| Types of Messages | 81 | Section 7: Connections | 113 |
| Creating and Sending Messages | 82 | Wi-Fi | 113 |
| Message Options | 83 | Bluetooth | 117 |
| Viewing New Received Messages | 84 | Mobile Hotspot | 122 |
| Deleting Messages | 85 | Tethering | 124 |

| | | | |
|--------------------------------|------------|--------------------|-----|
| NFC | 125 | Google | 135 |
| S Beam | 125 | Google Settings | 136 |
| Connecting to a Computer | 126 | Google+ | 136 |
| Section 8: Applications | 127 | Group Play | 136 |
| Managing Applications | 127 | Hangouts | 137 |
| Accessing Applications | 129 | Help | 137 |
| Accessories | 130 | Internet | 137 |
| Amazon Kindle | 130 | Isis Mobile Wallet | 139 |
| Calculator | 130 | Maps | 140 |
| Calendar | 131 | Messaging | 140 |
| Caller Name ID | 132 | Mobile Hotspot | 140 |
| Camera | 132 | Music | 140 |
| Clock | 132 | My Files | 141 |
| Cloud | 132 | My Verizon Mobile | 142 |
| Contacts | 133 | Paper Artist | 142 |
| Downloads | 133 | Phone | 142 |
| Drive | 133 | Photos | 142 |
| Email | 133 | Play Books | 142 |
| Emergency Alerts | 134 | Play Games | 143 |
| Flipboard | 135 | Play Movies & TV | 143 |
| Gallery | 135 | Play Music | 143 |
| Gmail | 135 | Play Newsstand | 143 |

| | | | |
|----------------------------------|------------|-----------------------------|-----|
| Play Store | 144 | Default Messaging App | 153 |
| S Memo | 144 | Printing | 153 |
| S Suggest | 144 | Mobile Networks | 153 |
| S Voice | 145 | Mobile Hotspot | 154 |
| Samsung Hub | 145 | Tethering | 156 |
| Samsung Link | 147 | VPN | 157 |
| Settings | 147 | NFC | 158 |
| Setup Wizard | 147 | S Beam | 158 |
| Verizon Tones | 147 | Nearby Devices | 159 |
| Video | 147 | Screen Mirroring | 160 |
| Voice Recorder | 148 | Home Screen Mode | 160 |
| Voice Search | 148 | Blocking Mode | 161 |
| Voicemail | 148 | Hands-Free Mode | 161 |
| VZ Navigator | 148 | Call | 162 |
| YouTube | 148 | Sound | 167 |
| Section 9: Settings | 149 | Display | 170 |
| Accessing Settings | 149 | Storage | 172 |
| Airplane Mode | 150 | Power Saving Mode | 173 |
| Wi-Fi | 151 | Battery | 173 |
| Bluetooth | 151 | Application Manager | 174 |
| Data Usage | 152 | Default Applications | 175 |
| More Settings | 153 | Location | 176 |

| | |
|-----------------------------|------------|
| Lock Screen | 177 |
| Security | 179 |
| Language and Input | 183 |
| Back Up and Reset | 188 |
| Backup Assistant Plus | 189 |
| Add Account | 190 |
| Motion | 192 |
| Voice Control | 194 |
| Accessories | 195 |
| Date and Time | 195 |
| Accessibility | 196 |
| About Phone | 198 |
| Software Update | 199 |
| Index | 200 |

Section 1: Getting Started

This section helps you to quickly start using your phone.

Understanding This User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 200.

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

Unless otherwise specified, all instructions in this manual assume that you are starting with the phone unlocked, at a Home screen. To get to a Home screen, you may need to unlock the phone. For more information, refer to “*Securing Your Phone*” on page 17.

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

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

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Note:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tip:** Provides quick or innovative methods or useful shortcuts.
- **Important!:** Points out important information about the current feature that could affect performance.
- **Caution!:** Provides information to avoid possible damage.
- **Warning!:** Brings important information to your attention that can help to prevent loss of data or functionality or 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 frequently-used steps:

→ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch  **Apps** →  **Settings** → **Display** → **Screen timeout**.



Certain features and options use a check box. To enable an option, simply touch it to add or remove a check mark.

For example:

Touch **Auto rotate screen** to enable it.

ON/OFF Certain features and options use an **ON/OFF** button.

For example:

Touch the **ON/OFF** button to turn Bluetooth

ON  or OFF 

Setting Up Your Phone

Install the 4G LTE SIM (Subscriber Identity Module) card, battery, and optional memory card; then charge the battery to begin using your phone.

Tip: Your SIM card is pre-installed. For more information, refer to “*SIM Card*” on page 8.

Note: A memory card is not included with your phone. Memory cards are sold separately.

Back Cover

The battery, SIM card, and optional memory card are installed under a removable cover on the back of the phone.

Note: The battery cover is flexible. Take care to avoid bending or twisting the cover when removing and installing, to prevent damage to the cover.



Removing the battery cover

- Pull up using the slot provided (1), while lifting the cover off the phone (2).

Installing the battery cover

- Align the cover and press it firmly into place, making sure it snaps into place.

SIM Card

Your phone uses a 4G LTE SIM (Subscriber Identity Module). The 4G LTE SIM is a small, rectangular plastic card that stores your phone number, information about your wireless service, and other information such as messages.

The SIM card is installed under the back cover, and must remain in the phone when in use.

Note: If you purchased your phone at a Verizon Wireless store, the SIM card is activated and ready to use. If you ordered a new phone, the card may need to be activated before you can use it. For more information about activating the SIM card, visit: verizonwireless.com/4GSIM.

Caution! Turn the phone off before installing or removing the SIM card. Do not bend or scratch the SIM card. Take care when handling, installing, or removing the SIM card, and avoid exposing the SIM card to static electricity, water, or dirt. Keep the SIM card out of reach of small children.



Installing the 4G LTE SIM Card

1. Remove the back cover.
2. With the Verizon Wireless logo facing up, carefully insert the 4G LTE SIM Card into the slot, pressing gently until it locks into place.
3. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.
4. Install the back cover.

Note: If the card is not inserted correctly, the phone will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Installing the Battery

1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).



Note: Make sure the battery is properly installed before switching on the phone.

Removing and Installing the Memory Card

You can use a microSD (SD) or microSDHC memory card to expand available memory space if you desire. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This type of memory card is designed for use with this mobile phone and other devices.

Note: Your phone has been tested to support up to a 64GB memory card.

Installing the Memory Card

- With the gold contacts facing down, slide the memory card into the slot and gently push it into place.



For more information on Memory Cards, see “Memory Card” on page 44.

Removing the Memory Card

- Grasp the memory card and remove it from the phone.

Charging the Battery

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

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours. After the first charge, you can use the phone while charging.

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

Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so will require additional charging time.

Using the Travel Charger

Important! Verify that the phone battery is installed prior to connection. If the battery is not properly installed and the charger is connected, the handset may power off and on continuously, preventing proper operation.



1. Plug the flat end of the Travel Charger into the charging/USB port and the other end into a standard AC wall outlet.
2. Connect the USB cable to the charging head.



3. Plug the charging head into a standard AC power outlet.
4. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

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

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon  blinks and the phone sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your phone's display. Solid color  indicates a full charge.

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

You can also choose to display a percentage value. Having a percentage value onscreen can provide a better idea of the remaining charge on the battery.

- From a Home screen, touch  **Apps** →  **Settings** → **Display** → **Show battery percentage**.

Turning the Phone On or Off

To turn the phone on:

1. Press and hold the  **Power/Lock Key** until the phone vibrates and starts up.



2. Swipe your finger across the screen to unlock the phone.

Tip: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to “*Language*” on page 183.

To turn the phone off:

1. Press and hold the  **Power/Lock Key** until the Phone options screen displays.
2. Touch **Power off** to turn off the phone.
3. At the **Power off** prompt, touch **OK**.

Setup Wizard

The first time you turn your phone on, Setup Wizard will guide you through the basics of setting up your phone.

Follow the prompts to choose a default language, set up accounts, choose location services, and learn more about your phone.

You can also use the Setup Wizard to quickly configure your phone at any time.

- From a Home screen, touch  **Apps** →  **Setup Wizard**.

Creating a Samsung Account

Create a Samsung account for access to Samsung apps on your phone, such as Samsung Link. For more information, see “*Signing In to Your Samsung Account*” on page 192.

If you did not create a Samsung account when you first set up your phone, follow these steps:

1. From a Home screen, touch  **Apps** →  **Settings** → **Add account**.
2. Touch  **Samsung account**.
3. Touch **Create account**.
4. Follow the onscreen instructions to create and activate your account.

Creating a New Google Account

In order to utilize your phone to the fullest extent, create a Google account when you first use your phone. With a Google account, Google applications will always be in sync between your phone and computer.

If you did not create a Google account when you first set up your phone, follow these steps:

1. From a Home screen, touch  **Apps** →  **Gmail**.

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

2. Touch **New** to create a new Google account.

– or –

Touch **Existing** to sign in and add the account to your phone.

3. Follow the onscreen instructions to add a Google Account.

Note: Once you have created a Google account, you only need to sign in.

Displaying Your Phone Number

- From a Home screen, touch  **Apps** →  **Settings** → **About phone** → **Status** → **My phone number**.

Voicemail

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

For more information, see “*Voicemail*” on page 92.

TTY Mode

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

For more information about enabling TTY mode, see “*Other Call Settings*” on page 166.

Roaming

When you travel outside your home network's coverage area, your phone can use roaming to acquire service on other compatible digital networks. When roaming, the  **Roaming** icon displays in the Status Bar.

Tip: You can set your phone's roaming behavior. For more information, see "*Mobile Networks*" on page 153.

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when making or receiving calls, connecting to the Internet, or using data services. Contact Verizon Wireless for more information about your coverage area and service plan.

Task Manager

Your phone can run apps simultaneously, with some apps running in the background. Use Task Manager to see which apps are running on your phone and to end running apps to extend battery life. You can also uninstall apps from your phone and check memory usage.

1. From any unlocked screen, press and hold the  **Home** key, then touch **Task manager**.
2. Touch the **Active applications** tab to view apps running on your phone. Touch **End** or **End all** to close apps.
3. Touch the **Downloaded** tab to view information about apps you have installed on your phone. Touch **Uninstall** to remove an app from your phone.
4. Touch the **RAM** tab to display the amount of RAM (Random Access Memory) in use. Touch **Clear memory** to clear processes to increase available RAM.
5. Touch the **Clear defaults** tab to remove any default app settings that have been set.
6. Touch the **Storage** tab for internal system storage and SD card memory statistics.
7. Touch the **Help** tab to view information about managing RAM, and tips for extending battery life.

Tip: Touch and drag your finger on the tabs to scroll the tabs.

Securing Your Phone

Use your phone's screen lock features to secure your phone.

To set a personal screen lock, use the Lock screen settings.

For more information, see “*Lock Screen*” on page 177.

For other settings related to securing your phone, see “*Security*” on page 179.

Locking the Phone

- By default, the phone locks automatically when the screen times out.

– or –

Press the  **Power/Lock Key**.

Note: Swipe is the default screen locking method. To change your screen lock, see “*Lock Screen*” on page 177.

Unlocking the Phone

Unlock the phone using one of the default unlock screens or use a Screen lock option for increased security.

- Press the  **Power/Lock Key**, then touch and drag your finger across the screen.

Tip: Special notification icons display for missed calls or new messages. Drag a missed call or message icon to view the message or call log.

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.

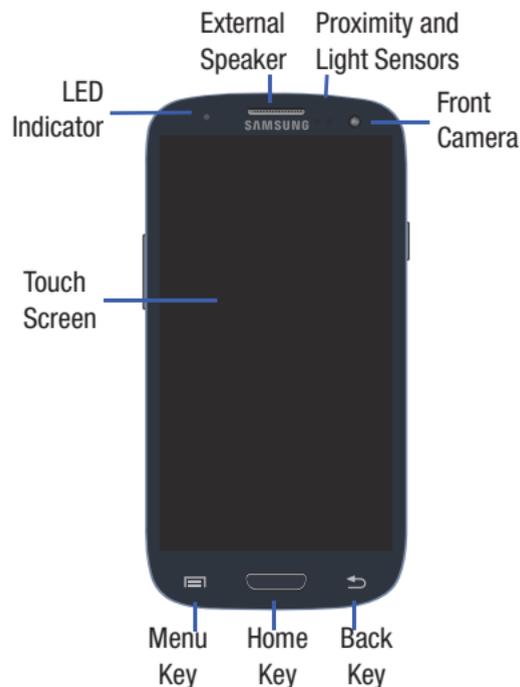
Features of Your Phone

The following list outlines a few of the features included in your phone.

- 4.8-inch 1280x720 HD Super AMOLED™ touch screen
 - CDMA 1X/EV-DO Rev-A /LTE Wireless Technology
 - 1.5 GHz dual-core processor with 2GB RAM
 - Android 4.4.2, Kit Kat
 - Google Play™ Store, plus pre-loaded Google apps
 - SAFE®
- Connections
 - Wi-Fi 802.11 a/b/g/n
 - Mobile Hotspot
 - Bluetooth 4.0
 - Tethering
 - VPN
 - NFC
 - Android Beam
 - S Beam™
 - Wi-Fi Direct
 - DLNA
 - USB 2.0
 - Messaging Services
 - Text
 - Picture
 - Video
 - Voice
 - Email
 - Chat

- 8 megapixel Camera/Camcorder with LED flash and 1.9 megapixel Front camera
- Share Shot Camera shooting mode, to quickly share photos via Wi-Fi Direct
- Gallery, for viewing and managing pictures and videos
- S Beam, for easy sharing of large files via NFC
- Video Player (720p), with Pop Up Play, for watching videos while multi-tasking with other phone features
- DivX Certified[®] to play DivX[®] video up to HD 720p, including premium content
- Music Player
- S Voice, for natural voice commands
- Support for microSD[™] and microSDHC[™] Memory Cards up to 64GB capacity

Front View



Note: The Menu and Back keys illuminate when navigating through the device.

LED Indicator

The LED indicator, on the front of the phone above the screen (see “Front View” on page 19) animates or glows to show alerts or phone status.

- **Blue:**

- Pulsates in multi-color blue while the phone is turning On or Off.
- Blinks blue for a missed call, message or other notification.

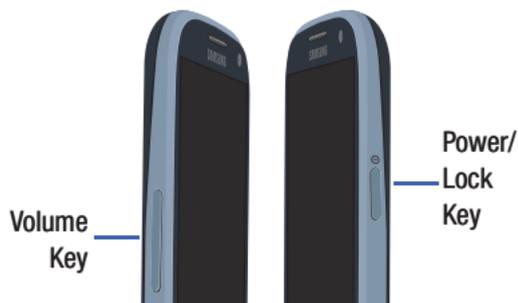
- **Red:**

- Glows red when the phone is connected to a charger and charging.
- Blinks red when the phone is connected to a charger and there is a problem with charging.
- Blinks red when battery power is low (phone not connected to charger).

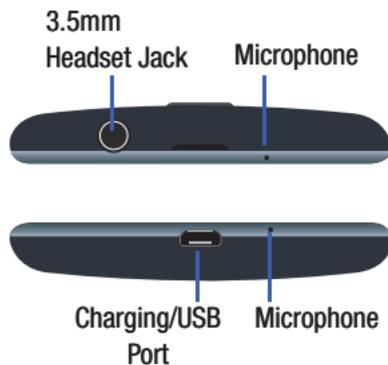
- **Green:**

- Glows green when the phone is connected to a charger and the battery is fully charged.

Side Views



Top and Bottom Views



Back View



Home Screen

The main Home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. This is the default page and accessible from any menu by pressing  **Home**.



Google Search Bar

The Google Search Bar provides you an onscreen Internet search engine powered by Google.

1. From the main Home screen, touch the Google Search bar .
2. Use the onscreen keyboard to enter the item you want to search for, then touch .
3. Touch  to use Google Voice Search. Follow the onscreen instructions.

Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to “*Front View*” on page 19.

Notifications

Notification icons appear on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. For details about these notifications, open the Notification Panel.

Notification Panel

To view the Notification Panel:

1. Swipe downward from the top of the screen.
2. Scroll down the list to see additional notification details.
3. Touch an item to open it.
4. To clear a single notification, drag the notification left or right.

To close the Notification Panel:

- Swipe upward from the bottom of the screen or press  **Back**.

Accessing Additional Panel Functions

In addition to notifications, the Notification Panel also provides quick and ready access to separate device functions. These can be quickly activated or deactivated by toggling them on or off. You can choose the functions that display.

From the Notification Panel:

1. To go to Settings, touch  **Settings**. For more information, refer to “Settings” on page 149.
2. Touch  to display additional options.

The following functions can either be activated (green) or deactivated (gray): Wi-Fi, Location, Sound/Vibrate/Mute, Screen rotation, Bluetooth, Airplane mode, Hands-free mode, Mobile data, Screen Mirroring, S Beam, NFC, Sync, Smart stay, Power saving, and Blocking mode.

3. Touch  and locate the Notification panel area at the bottom of the Notification Panel screen.
 - In a single motion, touch and hold a desired function, such as Airplane mode, then drag it to the top two rows.
 - Touch **Brightness adjustment** to create a check mark if you want to be able to adjust the screen brightness and volume from the Notification Panel.
 - Touch **Reset** to restore the edited menu to the default setting.
 - Press  **Back** to exit the Notification Panel.
4. Touch  to display only your primary functions.
5. To set the display brightness, touch the  **Brightness** slider and drag it to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. For more information, refer to “Display” on page 170.

Notifications

Notifications displays system notifications.

- Touch a notification entry to display the details. Drag a notification left or right to remove it and remove Notification icons from the Status Bar.

Close the Notification Panel

- Press  **Back** or swipe up.

Status Bar

The Status Bar at the top of the Home screen provides device information (such as network status, signal strength, battery charge, and time) on the right side and notification alerts on the left.

Indicator Icons

This list identifies the symbols that can display on your phone's display and Indicator area:



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



Current signal strength, when the phone is roaming. The greater the number of bars, the stronger the signal.



Current signal strength, when the phone is roaming on CDMA networks. 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.



No SIM is installed.



There is no network available.



Your phone is in Blocking mode.



There is a system error or alert.



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



A voice call is in progress.



A call is on hold.



The speakerphone is on.



A call has been missed.



A call has been muted.



Call forwarding is set to Always forward. For more information, refer to “*Call Forwarding*” on page 80.



Battery charge level. Icon shown is fully charged.



Your battery is charging. Also displays battery charge level.



Battery is critically low.



Your battery is empty.



Your phone is actively connected to a 3G network.



Your phone is actively connected to a 4G LTE network.



Your phone is downloading or has downloaded a file. It will blink green when it is installing.



An outbound file transfer is in progress.



A Play Store download has completed.



Updates are available for download.



The phone is connected to a computer with a supported USB cable connection.



The phone is tethered via a supported USB cable connection.



A new text or multimedia message is received.



A new voice mail is received.



Email has been received.



The time and date for a Calendar Event has arrived. For more information, refer to “*Calendar*” on page 131.



An alarm is set to ring at a specified time. For more information, refer to “*Clock*” on page 132.



The Sound profile is set to Mute.



The Sound profile is set to Vibrate.



Bluetooth is activated. For more information, refer to “*Turning Bluetooth On and Off*” on page 117.



A Bluetooth device has been paired with the phone. For more information, see “*Pairing Bluetooth Devices*” on page 120.



Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP). For more information, refer to “*Wi-Fi*” on page 113.



There is a Wi-Fi access point available, but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP). For more information, refer to “*Wi-Fi*” on page 113.



Wi-Fi Direct is active and your phone is connected to another device.



Your phone has been configured as a mobile hotspot.



GPS is active and acquiring a signal. For more information, refer to “*Location*” on page 176.



Data synchronization and application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.



Your phone is in Hands-free mode. Incoming calls and notifications will be read out aloud.



Near Field Communication (NFC) has been activated.



Your device is connected being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified device using the Samsung Link application.



A TTY device has been inserted.



A screen capture has been taken.



Displays when the keyboard is active.



Music is playing, but the app is in the background. You can control playback from the Notification Panel or from the Music app.



Music playback is paused. You can control playback from the Notification Panel or from the Music app.



A memory card scan is underway, to prepare the card for use. For more information, refer to “*Memory Card*” on page 44.



A memory card was unmounted, and it is safe to uninstall it. For more information, refer to “*Memory Card*” on page 44.



SD Card Removed: A memory card was uninstalled. For more information, refer to “*Memory Card*” on page 44.

For more details on configuring your phone’s settings, see “*Settings*” on page 149.

Using Motions and Gestures

By activating the various motion and gesture features, you can access a variety of time saving functions.

Terms Used in This User Manual

Touch

Touch items to select or launch them. For example:

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

Touch and Hold

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

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

Swipe

Lightly touch and drag your finger vertically or horizontally across the screen. For example:

- Unlocking the screen
- Scrolling the Home screen or a menu

Tip: Combine touch and hold with swipe to drag an item.

Pinch

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

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

Tilt

Touch and hold two points on the screen, with your thumbs, then tilt the phone forward and back to zoom in or out.

- **Tilt to zoom:** When this setting is On, tilting the phone while in Gallery or Internet causes the screen to zoom in or out.

Pick Up or Turn Over

Lift the phone, or place the phone screen-down, on a horizontal surface, such as a table.

- **Direct call:** When this setting is On, you can lift the phone to your ear to call a displayed contact in Messaging, Contacts, or Call Log to dial the contact's phone number.
- **Smart alert:** When this setting is On, the phone will automatically notify you to missed calls and alerts that occurred while the phone was stationary.
- **Turn over to mute/pause:** When this setting is On, turning the phone screen-down automatically mutes incoming call ringtones and alerts sounds.

Tap to Top

Tap on the top of the phone twice, quickly.

- **Tap to top:** When this setting is On, a double tap on the top of the phone takes you to the top of a list.

Pan

Touch and hold on the screen; then move the phone in a side-to-side motion.

- **Pan to move icon:** When this setting is On, moving the phone in a panning motion (side-to-side) moves a highlighted icon to a new location on the Home screen.
- **Pan to browse images:** When this setting is On, moving the phone in a panning motion while viewing an image moves focus around in the image.

Shake

Shake your phone to scan for nearby devices, such as Bluetooth or Kies air devices, for connecting to your phone for sharing files.

- **Shake to update:** When this setting is On, shaking the phone starts a scan for nearby devices for sharing.

Caution! Excessive shaking or impact to the device may cause unintended results. To learn how to properly control motions, from a Home screen, touch 
Apps →  **Settings** → **Motions and gestures** → **Motion**. When touched, each option displays an onscreen tutorial.

Palm

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

- **Palm swipe to capture:** When this setting is On, swiping the screen with the side of your hand (left to right, or right to left) captures a screen shot.
- **Palm touch to mute/pause:** When this setting is On, covering the screen with your hand mutes or pauses media playback.

For more information, refer to *“Motion”* on page 192.

Multi Window

This feature can be used to run multiple applications on the current screen at the same time.

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

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

Activating and Deactivating Multi Window

To activate or deactivate Multi window:

1. From a Home screen, touch  **Apps** →  **Settings** → **Display** → **Multi window**.

A check mark will appear when Multi window is activated.

– or –

Touch the top of the screen, drag downward to display the Notification Panel, and then touch **Multi window**.

2. Touch  **Home** to return to the Home screen.
3. Touch the Multi window tab  to open the application panel showing all the available Multi window apps.

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

To hide the Multi window tab from view or to re-activate the Multi window feature:

- Touch and hold  **Back**.

Repositioning the Multi Window

The Multi window contains two components: the tab and the apps panel. The tab can be manually moved up or down the left or right edge of the screen. The Apps panel, which contains the scrollable apps, and the tab can be relocated to lock onto the left or right side of the screen.

To move the tab and relocate the apps panel:

1. Activate the Multi window feature.
2. In a single motion, touch and hold the Multi window tab  for approximately one-second.
3. Slowly drag up or down the current side of the screen.

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

– or –

In a single motion, touch and hold the tab  for approximately one-second to detach it from the screen, then slowly drag it to the opposite screen edge.

To remove or restore a Multi window application:

1. Activate the Multi window feature.
2. Touch the Multi window tab  to display the apps panel and the scrollable apps.
3. Touch the **Edit** button, which is located at the bottom of the list, to reveal a staging area that can house any removed applications from the Multi window panel.
4. In a single motion, touch and hold a desired app icon until it detaches from the panel, then carefully drag it out of the apps panel and onto the staging area.

– or –

In a single motion, touch and hold a desired app until it detaches from the staging area, then carefully drag it to a new location in the current list of apps.

5. Touch **Done** once you have completed the removal process. The staging area is removed.

Using Multi Window

You can use Multi Window to run multiple apps on the same screen.

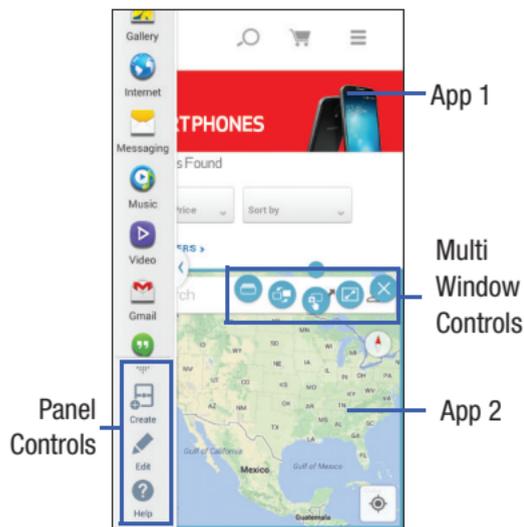
Any of the apps found within the Multi window panel can be run at the same time as a current onscreen app.

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

In the following example, we will be launching both the Internet and Maps applications, but any two apps listed in the Multi window apps panel will work the same way.

1. From a Home screen, touch  **Browser**.
2. Activate the Multi window feature.
3. Touch the tab to display the apps panel.
4. Touch and hold the  **Maps** icon until it detaches from the panel.
5. In a single motion, drag it over the current **Browser** screen and drop it over either the top or bottom area of the screen.

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



Window Controls

Select an application window and touch ● in the middle of the windows. Window controls appear:



Switch app to compact screen.



Switch locations between Multi Window applications.



Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.



Maximize the application.



Close the application.

Creating a Paired Window

Use this feature to save the combination of current running Multi window applications.

On the Multi window panel:

1. Touch  to access the panel controls.
2. Touch  **Create**.
3. Enter a title and then touch **OK**.

Panel Configuration

You can rearrange the apps on the Multi window panel, add new apps, or remove apps.

On the Multi window panel:

1. Touch  to access the panel controls.
2. Touch  **Edit**.

Configuring Apps

To remove an app from the panel:

- Touch and drag it off of the panel and place it in the storage area.

To add an app to the panel:

- Touch and drag it from the storage area to the panel.

To relocate an app:

- Touch and drag it to a new location.

To save your changes:

- Touch  **Done**.

Navigation

You can tailor the phone's range of functions to fit your needs using both menus and widgets. Menus, sub-menus, and features can be accessed by scrolling through the available onscreen menus. Your phone originally has three home screens but you can expand up to seven home screens.

Command Keys

Menu Key

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

Home Key

Press  **Home** to display the main Home screen. Press and hold to display recently used apps and access the Task manager.

Back Key

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

Navigating Through the Home Screens

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

- From the main Home screen, swipe the screen with your finger in either direction. The main Home screen is located in the middle with Home screens on each side. As you scroll, the Current Screen indicator at the bottom of the display shows your current position.

Navigating Through the Application Menus

Your phone initially has three Application Menus available. Follow these steps to navigate through the Application Menus:

1. From a Home screen, touch  **Apps**.
The Apps Menu displays.
2. Swipe the screen left or right to access the other Apps menus.
3. Touch one of the application icons.

Note: As you add applications, the number of Application menus that you have available will increase.

Navigating Using Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Internet.

To access a sub-menu:

1. Touch  **Menu**.

A sub-menu will appear at the bottom of the phone screen.

2. Touch an option.

Accessing Recently-Used Apps

1. Press and hold  **Home** from any screen to open the recently-used applications window.
2. Touch a recently-used application to open it.

– or –

Touch one of the following options:

- **Task manager:** Go to the Task manager.
- **Google:** Go to Google Search.
- **Close all:** Delete the record of all recently used applications.

Customizing Your Home Screen

You can customize your Home screen by doing the following:

- Creating Shortcuts
- Adding and Removing Primary Shortcuts
- Adding and Removing Widgets
- Moving Icons in the Apps Menu
- Creating Application Folders
- Adding a New Page to the Application Menu
- Changing the Wallpaper
- Adding and Deleting Home Screens
- Moving Home Screens

Creating Shortcuts

Shortcuts are different than the current Home screen Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

Note: To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

Adding a Shortcut from the Apps Menu

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

Adding a Shortcut via the Add to Home Screen

1. Press  **Home** to activate the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the Home screen.
4. Touch **Apps and widgets**, **Folder**, or **Page**.
5. Touch and hold a shortcut from the available list and position it on the current screen.

Deleting a Shortcut

1. Press  **Home** to activate the main Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over  **Remove** and release it.

As you place the shortcut into the Trash, both items turn red.

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

Adding and Removing Primary Shortcuts

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

1. Press  **Home** to activate the main Home screen.
2. Touch and hold the primary shortcut you want to replace, then drag it to an empty space on any Home screen.
3. Scroll through the Apps menu to find the shortcut you want to add as the new primary shortcut.
4. Touch and hold the new shortcut, then drag it to the empty space in the row of primary shortcuts.

The new primary shortcut will now appear on all Home screens.

Adding and Removing Widgets

Widgets are self-contained applications that reside in either your Widgets tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an onscreen application.

Adding a Widget

1. Press  **Home** to activate the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. Touch **Apps and widgets**.
5. Touch the **Widgets** tab at the top of the screen.
6. Touch and hold an available Widget to position it on the current screen, then release the Widget.

Removing a Widget

1. Touch and hold a Widget until you can move it around on the screen.
2. Drag the Widget to  **Remove** and release it.
As you place the Widget into the Trash, both items turn red.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

Creating Application Folders

You can create application folders to hold similar applications.

To create a folder follow these steps:

1. From a Home screen, touch  **Apps** to display your current applications.
2. Touch the **Apps** tab at the top of the screen if it is not already selected.
3. Touch  **Menu** and touch **Edit**.
4. Touch and hold the first application that you would like to move to a folder.
5. Drag the icon to  **Create folder**.
6. Enter a folder name and touch **OK**.
A folder displays in the original place of the application icon with the application icon displayed on top of it. You can now drag other Apps into the folder.
7. To view information on an App, drag the App icon to  **App info** to view information on the application.
8. Touch **Save**.

Adding a New Page to the Application Menu

You can add a new page to your application menu by following these steps:

1. From a Home screen, touch  **Apps** to display your current applications.
2. Touch the **Apps** tab at the top of the screen if it is not already selected.
3. Touch  **Menu** and touch **View type** → **Customizable grid**.
4. Touch  **Menu** and touch **Edit**.
5. Touch and hold the first application that you would like to move to a new page.
6. Drag the icon to  **Create page**.
7. Touch **Save**.
The app will appear on a new page.

Changing the Wallpaper

You can change the Wallpaper (background) of your home screens by following these steps:

1. From any Home screen, touch and hold on an empty area of the screen.
The **Home screen** window displays.
2. Touch **Set wallpaper**.
3. Select the location where you would like to change the wallpaper. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.
4. Touch one of the following options:
 - **Gallery**: Select a wallpaper from photographs you have taken with your camera.
 - **Live wallpapers**: Select an animated wallpaper. This option is not available for the Lock screen option.
 - **Photos**: Choose a photo from your Google Photos account.
 - **Wallpapers**: Select from many still-life wallpapers.
5. Select a wallpaper and touch **Set wallpaper**, **Done**, or **Cancel**.

Adding and Deleting Home Screens

You can add and delete Home screens. You can have up to seven Home screens.

To add a new Home screen:

1. From a Home screen, touch  **Menu** → **Edit page**.
2. Touch the Home screen that contains .
A new screen is added.
3. If desired, touch and hold the new screen and drag it to a different location.
4. Press  **Home** to return to the main Home screen.

You can now add items to your new Home screen.

To delete a Home screen:

1. From a Home screen, touch  **Menu** → **Edit page**.
2. Touch and hold the Home screen you want to delete.
3. Drag it to  **Remove** and release it.
The page will turn red.
4. If there are items on the Home screen, the **Delete home screen page** prompt displays.
5. Touch **OK** to delete the page and its contents or touch **Cancel**.
6. Press  **Home** to return to the main Home screen.

Moving Home Screens

You can arrange your Home screens in any order that you want.

To move a Home screen, follow these steps:

1. From a Home screen, touch  **Menu** → **Edit page**.
2. Touch and hold the Home screen you want to move.
3. Drag it to the location that you would like to place it.
When you move a Home screen, the other Home screens are automatically re-ordered.
4. Press  **Home** to return to the main Home screen.

Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

The Apps icons can be arranged in various ways.

To change the arrangement of the Apps icons:

1. From a Home screen, touch  **Apps**.
2. Touch  **Menu** → **View type**.
3. Touch **Customizable grid**, **Alphabetical grid**, or **Alphabetical list**.

To manually change the order of the icons on the Apps screen:

1. From a Home screen, touch  **Apps**.
2. Touch  **Menu** → **Edit**.
3. Touch and hold an icon and drag it to a new position.
4. Touch **Save** to save the changes.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to “*Creating Shortcuts*” on page 37.

To view your downloaded applications:

1. From a Home screen, touch  **Apps**
2. Touch  **Downloaded applications** to view downloaded apps.
3. Touch an icon on the **Downloaded applications** screen to launch the application.

– or –

Add an App Shortcut to a Home screen by dragging the App icon onto the Home Screen.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch  **Apps** →  **Settings** → **Application manager**.
2. Touch the **All** tab, scroll through the apps list, and touch the app to open a screen with details about the App.

More Application Information

For more information, refer to “Applications” on page 127.

In that section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided.

Memory Card

Your device lets you use a microSD (SD) or microSDHC card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device’s SD functionality. The device has a USB SD card mode.

Mounting the SD Card

To store additional photos, music, videos, and other applications, you must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

1. Insert the SD card into the external, SD card slot. For more information, refer to “Removing and Installing the Memory Card” on page 10.
2. Your SD card is scanned to see the available information on it.

Unmounting the SD Card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. From a Home screen, touch  **Apps** → **Settings** → **Storage**.
2. Scroll to the bottom of the display and touch **Unmount SD card**.
3. Touch **OK**.

For more information, refer to “Removing and Installing the Memory Card” on page 10.

SD Card Available Memory Status

To view the memory allocation for your external SD card:

1. From a Home screen, touch  **Apps** →  **Settings** → **Storage**.
2. The available memory for Device and SD card displays under the **Total space** and **Available space** headings.

Erasing Files from the SD Card

You can erase files from the SD card using the phone.

1. Ensure the SD card is mounted. For more information, refer to “*Mounting the SD Card*” on page 44.
2. From a Home screen, touch  **Apps** →  **Settings** → **Storage**.
3. Touch **Format SD card**.
4. At the **Format SD card** confirmation prompt, touch **Format SD card**.

Warning! Performing the next step erases all data stored on the SD card.

5. Touch **Delete all** to format or touch  **Back** to cancel.

Entering Text

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

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

Text Input Methods

There are three text input methods available:

- **Google voice typing:** Enter text by speaking.
- **Samsung keyboard (default):** Samsung’s onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **Swype:** Instead of touching each key to enter text, use your finger to trace over each letter of a word.

To change the input method, see “*Keyboards and Input Methods*” on page 183.

To choose a text input method while entering text:

1. Touch the top of the screen and swipe downward.

The Notification Panel displays.

2. Touch  **Choose input method.**

The Choose input method pop-up displays.

3. Touch an input method to activate it.

For more information, refer to “*Keyboards and Input Methods*” on page 183.

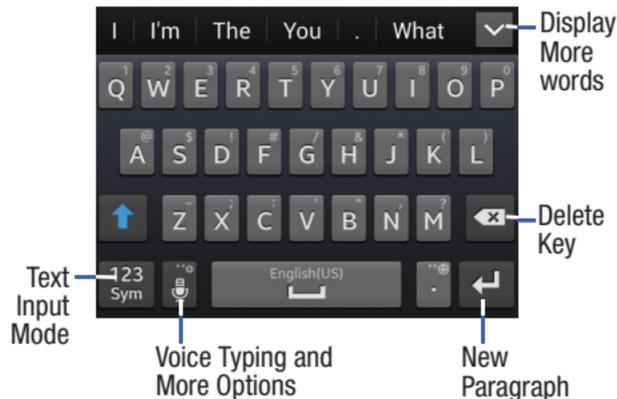
Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by touching the onscreen keys with your finger or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and display them. The Personalization option learns from Gmail, Facebook, and Twitter. Log into these applications to enable the Samsung keyboard to learn from your text input.

Entering Text Using the Samsung Keyboard

From a screen where you can enter text, rotate your phone counterclockwise to a Landscape orientation. The onscreen QWERTY keyboard displays.



Changing the Text Input Mode

There are two main keyboard layout keys that will change the onscreen keys within the QWERTY keyboard.

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

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

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

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

Using ABC Mode

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key  to toggle the case, before touching the letter keys.

- Touch once to switch from abc to Abc mode .
- Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue  and all following letters will be uppercase until you touch the Shift key again.

Using Numeric and Symbol Mode

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

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Touch  at the bottom of the screen.
3. Touch the desired number, symbol, or emoticon characters.
4. Touch the  button to access additional symbols.
5. Touch  to return to Abc mode.

Configuring the Samsung Keyboard

Configure the Samsung keyboard to your preferences.

- While entering text, touch and hold  **Options**, then select  **Settings** in the pop-up menu. For more information, refer to “*Samsung Keyboard*” on page 184.

Predictive Text

The Predictive Text option provides next-letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard. Predictive text is turned on by default.

1. Touch and hold  **Options** on the keyboard, then touch  **Settings**. The Samsung keyboard settings screen displays.
2. Touch the **OFF/ON** button to turn Predictive text on.
3. While entering characters, potential word matches display in the Predictive text area above the keyboard. Touch a word to insert it into your text.

Note: Predictive Text mode is available for landscape or portrait orientation.

Using the Google Voice Typing Feature

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 swipe downward to display the Notification Panel.
2. Touch **Choose input method**.
3. Touch **Google voice typing**.
4. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
5. If the red microphone turns gray, then the feature has timed out and you should touch the microphone icon to start again.
The text displays in the message as you are speaking.
6. After you have quit speaking for several seconds, touch  to return to the keyboard.

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

Entering Text Using Swype

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

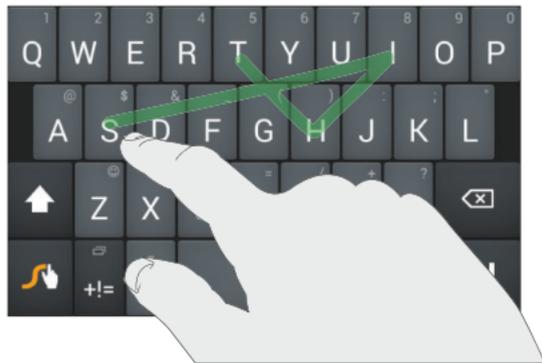
Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward, to display the Notification Panel.
The Notification Panel displays.
2. Touch  **Choose input method**.
The Choose input method pop-up displays.
3. Touch **Swype**.
The Swype keyboard displays.

Swype Tips

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



Here are a few tips to get you started:

- Create a squiggle (like an S shape) to create a double letter (such as **pp** in apple).
- Touch and hold a key to view the punctuation menu then make a selection.

- Move your finger or stylus over the apostrophe to enter contractions.
- Double-tap on the word you want to change to correct a misspelled word, then touch the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Swype Settings

To configure Swype to your preferences.

- While entering text, touch and hold the  **Swype Key** to display the Settings screen.

For more information, refer to “Swype” on page 186.

Swype Help

While entering text, you can get information about Swype.

1. Touch and hold the  **Swype Key** to access the Swype options menu.
2. Touch **Help** → **How to Swype**.
The Swype tutorial displays.

Section 3: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

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

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

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

Setting Up Your Accounts

Set up and manage your accounts with the Accounts settings.

For information about setting up other, non-synchronized email accounts, see *"Setting Up Email Accounts"* on page 88.

Tip: For more information on setting up your email, visit the Smartphone Resource Center at: smartphones.verizonwireless.com

Adding an Account

1. From a Home screen, touch  **Apps** →  **Settings** → **Add account**.
2. Select an account provider, then follow the prompts to enter your credentials and sign in.
3. The device communicates with the provider's server to set up your account on the device.

Managing Accounts

1. From a Home screen, touch  **Apps** →  **Settings** and scroll to the **Accounts** section.
2. Select an account, then touch a setting to enable or disable synchronization. When enabled, a check mark displays in the check box.

Synchronizing Accounts

From the Accounts menu, you decide if you want applications to synchronize, send, and receive data at any given time, or whether 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. From a Home screen, touch  **Contacts**.
2. Touch  **Menu** → **Accounts**.
If you have previously added any accounts, the **Accounts** screen displays with your current accounts listed.
3. Touch an account that you would like to synchronize.
4. At the **Sync settings** screen, touch the options that you would like to synchronize for that account.
5. Touch **Sync now** to synchronize the account.
The account is synchronized.
6. Touch  **Back** to return to the Contacts list.

Note: You can also synchronize your accounts using the Settings menu. For more information, refer to “Synchronizing Accounts” on page 190.

Contacts

Use Contacts to store information for your friends, family, and colleagues, to make contacting them easy.

There are several ways to access Contacts:

- From a Home screen, touch  **Contacts**.

– or –

From a Home screen, touch  **Apps** →  **Contacts**.

– or –

From a Home screen, touch  **Phone** →  **Contacts**.

Tip: Swipe your finger left-to-right across a contact to make a call to the contact.
Swipe right-to-left across a contact to create a message addressed to the contact.

Choosing Contacts to Display

1. Touch  **Contacts**.
2. Touch  **Menu** → **Contacts to display**.

Choose one of the following display options:

- **All contacts**: Show all contacts.
- **Phone**: Only contacts stored to your device.
- **SIM**: Only contacts saved to the SIM card.
- **<account>**: Only display contacts from this account.
- **Customized list**: Select contact types for each account or the phone.

Creating Contacts

1. Touch  **Contacts** →  **Create contact**.
2. At the **Save contact to** prompt, select a save option for the contact (options depend on accounts set up):
 - **Device**: Save to the phone's Contacts.
 - **Google**: Save to your Google account.
 - **Microsoft Exchange ActiveSync**: Save to your Outlook account.
 - **Add new account**: Add a new account type.

Note: New contacts are saved in “my device contacts” unless you add an account.

3. Touch the Contact image to choose a picture to identify the contact.
4. Touch contact fields to display the keyboard and enter information:
 - Some fields have preset values. Touch the field and touch the desired value. For example, touch the  Label tab and touch a label for the field.
 - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
 - Touching the check box next to some fields may make additional fields available.
 - Touch  to add additional fields. Touch  to remove an unused field. Also, touch **Add another field** to add other fields.
 - Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.

5. Touch  **Back** to remove the keyboard.
6. When you finish entering information, touch **Save** to save your changes or touch **Cancel** → **OK** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Updating Contacts from Recent Calls

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

For more information, refer to “*Saving a Recent Call as a Contact*” on page 74.

My Local Profile

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

Creating My Local Profile

1. Touch  **Contacts**.
2. At the top of the **Contacts** list, under **ME**, touch **Set up profile** (or your phone number).

The My local profile screen displays.

3. Touch  to edit.
4. Enter your information in the contact fields.

For more information, see “*Creating Contacts*” on page 53.

Sending My Local Profile

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

1. Touch  **Contacts**.
2. Touch your profile to display your contact information.
3. Touch  **Menu**, then touch **Share namecard via**.
4. Choose a sending method, then follow the prompts to send the profile.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called *pauses* and *waits*. A pause stops the calling sequence for two seconds and a wait pauses the calling sequence until you enter a number or touch a key.

To add a pause or a wait to an existing Contact:

1. Touch  **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch  to edit.
4. Touch the phone number field and then touch the screen at the position where the pause or wait needs to be added.
5. Touch  and then touch **Pause(,)** to add a two-second pause or touch **Wait(;)** to add a wait. A pause displays as a , (comma) and a wait displays as a ; (semi-colon).

6. Touch  and use the keypad to enter the additional numbers
7. Touch **Save** to save your changes or touch **Cancel** → **OK** to cancel and discard changes.

Editing an Existing Contact

When editing an existing contact, you can touch a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. Touch  **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch  to edit.
4. Touch any of the fields to add, change, or delete information.
5. Touch **Save** to save the edited information.

Using Contacts

Dialing or Messaging from Contacts

Call contacts quickly by either using their phone number or by using the Search field to locate a contact entry.

You can also send messages from Contacts.

Finding a Contact

To find a contact entry:

1. Touch  **Contacts**.
2. Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.
3. Touch the contact you want to call or message.
4. To make a phone call, touch the phone icon .
– or –

To send a message, touch the message icon .

For more information, refer to “*Creating and Sending Messages*” on page 82.

Tip: From the Contact list, swipe right over a listing to make a call. Swipe left over a listing to send a message.

Linking Contacts

Linking Contact Information

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

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

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

For more information about synchronizing accounts, see “*Synchronizing Accounts*” on page 52.

Linking Contacts

1. Touch  **Contacts**.
2. Touch a contact name that you want to link to another contact entry.

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

3. Touch  **Menu** → **Link contact**.
The contact list displays.

Note: Only contacts stored on your phone can be linked.

4. Touch the second contact entry that you want to link with the first contact entry.
The second contact is now linked with the first contact and the account information is merged into one screen.

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

5. Touch  in the **Connection** section to view the linked contact information. The location of the contact, such as Device or an account, displays along with the contact's name.

Unlinking Contacts

1. Touch  **Contacts**.
2. Touch the linked contact name.
In the **Connection** section, various icons show how many contacts are linked in this record.
3. Touch  in the **Connection** section to display the linked contacts list.
4. Touch  next to a contact to remove it from the linked contact record.
5. At the **Separate contact** prompt, touch **OK**.
The contact is now separated and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the “default” number or entry.

1. Touch  **Contacts**.
2. Touch a Contact name.
3. Touch  **Menu** → **Mark as default**. The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts. The radio button next to the default contact will be green.
4. To change the default contact, touch the radio button next to another entry that you want to be the default. The radio button will turn green, then touch **Done**.

Contacts Options

You can access Contacts options while at the main Contacts screen or while in the details screen for a specific entry.

Options in Contacts

1. Touch  **Contacts**.
2. Touch  **Menu**.

The following options are displayed:

- **Backup:** Launch Backup Assistant Plus.
- **Delete:** Delete one or more contacts.
- **Import/Export:** Move contacts to or from your memory card or USB storage.
- **Share namecard via:** Send one or more contact's information by using Bluetooth, Email, Gmail, or other services.
- **Accounts:** Display the accounts set up on your phone. Touch **Add account** to add additional accounts or touch an existing account to manage sync settings.

- **Speed dial setting:** Set up speed-dialing. For more information, refer to *“Making a Call Using Speed Dial”* on page 71.
- **Send message/email:** Send a text message or an email to one or more contacts.
- **Contacts to display:** You can choose to display all of your contacts or only display contacts on your Phone, SIM, or contacts stored to other accounts. You can also touch **Customized list** to change other options on how your contacts are displayed.
- **Settings:** Displays options for viewing contacts:
 - **Only contacts with phones:** Only display contacts that have phone numbers.
 - **List by:** List contacts by First name or Last name.
 - **Display contacts by:** Display contacts by First name first or Last name first.
 - **Service numbers:** Display or edit your service numbers.
 - **Contact sharing settings:** Touch **Settings** to specify how contacts are transferred to another device, either as a full group or individually.

Contact Options

1. Touch  **Contacts**.
2. Touch a contact and at the contact's display screen, touch  **Menu**.
3. The following options are displayed:
 - **History:** View the phone and message history for the contact.
 - **Edit:** Edit the contact's information.
 - **Delete:** Delete the contact.
 - **Link contact:** Link contacts with other contacts.
 - **Separate contact:** Separate contacts that have been linked.
 - **Mark as default:** When you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the phone). For more information, refer to *“Marking a Contact as Default”* on page 58.
 - **Share namecard via:** Send the contact's information by using Bluetooth, Email, Gmail, or other services.

- **Add to/Remove from reject list:** Add or remove the contact from your reject list. If they call while being on the reject list, the call will be sent directly to voice mail.
- **Add shortcut to home:** Place a shortcut for this contact on your Home screen.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly call or send messages to group members. There are several default groups that are predefined, which you can use to add your contacts, or you can create new groups.

Creating a New Group

1. Touch  **Contacts**.
2. Touch  **Groups** →  **Menu** → **Create**.
3. Touch the **Group name** field and use the onscreen keyboard to enter a new group name. Touch **Done** to remove the keyboard.
4. Touch **Group ringtone** to choose a ringtone for assignment to this new group. Touch a ringtone to hear how it sounds, then touch **OK**.

– or –

Touch **Add** to select a ringtone from your music files.

5. Touch **Message alert** to choose an alert tone for assignment to this new group, then touch **OK**.
6. Touch **Vibration pattern** to choose a vibration audio file for assignment to this new group, then touch **OK**.

– or –

Touch **Create** and follow the onscreen instructions to create your own vibration pattern.

7. Touch **Add member** to add contacts to the new group. Touch each contact you want to add to create a check mark. You can also touch **Select all**. Touch **Done** to add the members.
8. Touch **Save** to save the new contact Group.

Adding a Contact to a Group

1. Touch  **Contacts** →  **Groups**
2. Touch a group entry.
3. Touch  **Add** to add to a member to the group.
4. Touch contacts to add to the group or touch **Select all**.
5. Touch **Done**.

Removing a Contact from a Group

1. Touch  **Contacts** →  **Groups**
2. Touch a group entry.
3. Touch  **Menu** → **Remove member**.
4. Touch each contact that you want to remove from this group or touch **Select all**.
5. Touch **Done**.

Editing a Group

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

1. Touch  **Contacts** →  **Groups**
2. Touch a group entry.
3. Touch  **Menu** → **Edit group**.
4. Make modifications to the Group name, Group ringtone, Message alert, or Vibration pattern fields.
5. Touch **Add member** to add more contacts to this group. Touch **Done** to add the members.
6. Touch **Save** to save the edited contact Group.

Deleting a Group

1. Touch  **Contacts** →  **Groups**
2. Touch  **Menu** → **Delete groups**.
3. Touch each group that you want to remove or touch **Select all**.
Note: You cannot delete default groups.
4. Touch **Delete**, then choose **Group only** or **Group and group members**, and touch **OK**.

Sending a Message to Group Members

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

1. Touch  **Contacts** →  **Groups**
2. Touch a **Group** to display it.
3. Touch  **Menu** → **Send message** or **Send email**.
4. Touch contacts to mark them as recipients for the new message or touch **Select all**, and then touch **Done**.
The new message opens with the marked contacts as recipients. Continue creating the message, as desired. For more information, see *“Creating and Sending Messages”* on page 82 or see *“Using Email”* on page 87.

Favorites

Mark contacts with a ★ gold star to identify them as Favorites.

Favorites display on the Favorites tab in the Phone and Contacts apps for fast dialing or messaging, and are indicated by the ★.

To view your Favorites list:

- Touch  **Contacts** →  **Favorites**.

Adding Favorites

1. Touch  **Contacts** →  **Favorites**.
2. Touch  **Menu** → **Add to Favorites**.
3. Touch contacts to mark them as favorites or touch **Select all**, and then touch **Done**.

A gold star displays next to the contact in the Contacts list.

– or –

Touch a contact to display it, then touch the star at the top right of the screen.

Removing Favorites

1. Touch  **Contacts** →  **Favorites**.
2. Touch and hold the contact that you want to remove from Favorites.
3. Touch **Remove from Favorites** from the pop-up menu.
4. The contact is removed from Favorites and the ★ gold star no longer displays on the contact entry.

Tip: Touch a contact to display it, then touch the gold star at the top right of the screen to turn it white.

Managing Contacts

Exporting and Importing Contacts

You can export your contact list to and from USB storage or an installed memory card. Contacts are exported and imported as a special VCF file, and contacts are sent as vCards.

1. Touch  **Contacts**.
2. Touch  **Menu** → **Import/Export**.
3. Select an option, then follow the prompts to complete the operation:
 - **Import from USB storage:** Copy contacts from USB storage.
 - **Export to USB storage:** Copy contacts to USB storage.
 - **Import from SD card:** Imports contacts from the SD card.
 - **Export to SD card:** Exports contacts to the SD card.
 - **Import from SIM card:** Copy contacts to the device that are saved to a SIM card.

Deleting Contacts

You can delete Phone or account contact records.

1. Touch  **Contacts**.
2. Touch and hold a contact that you want to delete, then select **Delete** from the pop-up menu.

Note: Deleting contacts that are saved under an account will be deleted from the account, if sync is turned on.

3. At the **Delete** prompt, touch **OK** to delete the contact or **Cancel** to exit.

Sending Namecards (vCards)

You can send a contact namecard as a vCard by using Bluetooth devices or as an attachment via Gmail or Email.

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

1. Touch  **Contacts**.
2. Touch  **Menu** → **Share namecard via**.
3. Touch contacts to mark them for sending or touch **Select all** to mark all contacts.
4. Touch **Done**.
5. At the prompt, choose a sending method, then follow the prompts to send the namecard by using Bluetooth, Drive, Email, Gmail, Messaging, or Wi-Fi Direct.

Backing Up Contacts

Use Backup Assistant Plus to save a copy of your Contacts to a secure web site.

1. Touch  **Contacts**.
2. Touch  **Menu** → **Backup**.
The Backup Assistant Plus screen displays.
3. Follow the prompts to log in to your Backup Assistant account.

For more information, refer to “*Backup Assistant Plus*” on page 189.

Speed Dials

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

For more information about calling using speed dials, see “*Making a Call Using Speed Dial*” on page 71

Note: Some speed dials are reserved by default, and cannot be assigned:

Speed dial 1 is reserved for Voicemail.

Speed dial 96 is reserved for data usage inquiries.

Speed dial 97 is reserved for balance inquiries.

Speed dial 98 is reserved for minutes inquiries.

Speed dial 99 is reserved for payment inquiries.

Assigning Speed Dials

1. Touch  **Contacts**.
2. Touch  **Menu** → **Speed dial setting**.
A list of speed dials displays.
3. Touch a **Not assigned** speed dial field, then touch a contact to assign the contact to the speed dial location.

Removing or Reassigning a Speed Dial

1. Touch  **Contacts**.
2. Touch  **Menu** → **Speed dial setting**.
3. Touch  **Menu**, then touch an option:
 - **Change order:** Touch an assigned speed dial, then touch a new speed dial location to change the order.
 - **Remove:** Touch a speed dial to remove it.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. Touch  **Contacts**.
2. Touch  **Menu** → **Settings** → **Service numbers**.
3. Scroll through the available numbers.
4. Touch a number and the call is made.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 4: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to “*Call*” on page 162.

Displaying Your Phone Number

- From a Home screen, touch  **Apps** →  **Settings** → **About phone** → **Status**.

Your phone number displays in the **My phone number** field.

Phone

Use the Phone app to access the phone Keypad, Recent calls, Favorites, and Contacts.

There are several ways to access Phone:

- From a Home screen or  **Apps**, touch  **Phone**.
– or –

From a Home screen, touch  **Contacts** →  **Phone**.

Making Calls

Your phone offers multiple ways to make calls:

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

Making a Call Using the Phone Keypad

1. Touch  **Phone**.
2. Touch the digits of the telephone number.
3. Touch  **Call** to make the call.

Note: When you activate the **Auto retry** option in the Call settings, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone. For more information, refer to “*Call Settings*” on page 80.

Making an International Call

1. Touch  **Phone**, then touch and hold .

The + character appears.

2. Use the onscreen keypad to enter the country code, area code, and phone number.

If you make a mistake, touch  until the desired numbers have been deleted.

3. Touch  **Call** to make the call.

Manual Pause Dialing

To manually call a number with pauses without storing them in your Contacts list:

1. Touch  **Phone** and use the onscreen keypad to enter the phone number.
2. Touch  **Menu** to display the dialer sub-menu.
3. Touch **Add 2-sec pause** to add a two second pause, and use the keypad to enter the additional numbers.

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

4. Touch  **Menu** → **Add wait** to add a wait.

A wait will pause the calling sequence until you enter a number or touch a key.

5. Touch  **Call** to make the call.

For more information, refer to “Adding Pauses to Contact Numbers” on page 55.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

- After entering a number using the keypad:
 - If you make a mistake, touch  to erase a single character.
 - Touch and hold  to erase the entire string of numbers.

Ending a Call

To end a call:

- Touch  **End call**.

Making Calls from Contacts

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

For more information, see “*Contacts*” on page 52.

1. From a Home screen, touch  **Contacts**.
2. Find the contact and touch it to open the Contact entry.
3. Touch  to dial the number.

Making Calls Using Favorites

Favorites are contacts that you designate as favorites by starring them. For more information about creating favorites, see “*Adding Favorites*” on page 63.

1. From the Home screen, touch  **Phone**.
2. Touch  **Favorites** to display favorites.
3. Find the contact to call and touch  to dial the number.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Recent** calls log. If the number or caller is listed in your Contacts, the associated name is also displayed.

1. Touch  **Phone**.
2. Touch  **Recent**.

A list of recent calls displays.

3. Touch the desired Contact to enter the **Details** page, then touch  to make a call.

Making Calls Using S Voice

Place a call by speaking the name or number.

1. From the Home screen, touch  **Phone** then touch  .
2. The first time you access:
 - Touch **Confirm** to accept the Samsung Disclaimer.
 - Touch **Agree** to confirm the Terms of Service.
3. Follow the prompts to speak a command. You can say commands such as:
 - **Call <Name device>**: Ex: "Call Charlie mobile" or "Call Joe work". Call an entry in the Contact list.
 - **Dial <Phone number>**: Ex: "Dial 555-123-1234". Call a spoken phone number.
 - **Redial**: Redials the last number called.

Tip: To launch S Voice from most unlocked screens by pressing  **Home** twice, set the option: launch **S Voice** and then touch  **Menu** → **Settings** → **Open via the home key**. The default setting value is **Off**.

Making Emergency Calls

If you do not have a SIM card installed the first time you turn on the phone, the **No SIM card found** message displays. Follow the onscreen instructions to install your SIM card and then restart your phone.

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

To make an Emergency Call with or without a SIM Card:

1. Touch  **Phone**.
2. Enter 9-1-1 and touch  **Call**. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Touch  **End call** to exit this calling mode.

Making a Call Using Speed Dial

You can assign a shortcut number to a phone number in your Contacts List for speed dialing.

1. From a Home screen, touch  **Contacts** to display your Contacts List.
2. Touch  **Menu** → **Speed dial setting**.
The Speed dial setting screen displays showing the numbers 1 through 100. The number 1 is reserved for Voicemail.
3. Touch an unused number.
The Select contact screen displays.
4. Touch a contact to assign to the number.
The selected contact number displays in the speed dial number box.

To remove a speed dial number or change the order:

- Touch  **Menu** → **Change order** or **Remove**.

To make a call using Speed Dial:

1. Touch  **Phone**.
2. On the keypad, touch and hold the speed dial number.
If the speed dial number is more than 1 digit long, enter the first digits, then hold the last digit.

Answering a Call

You can answer incoming calls when the device is locked or unlocked. When you receive a call, an incoming call screen displays.

To answer the call:

- Touch and drag  in any direction.

To reject the call and send it to your voicemail:

- Touch and drag  in any direction.

To reject the call with a message:

- Touch and drag the **Reject call with message** tab upward.
 - Touch a predefined text message to send to the caller.
 - or –
 - Touch **Create new message** to compose a new message.

To end the call:

- Touch  **End call**.

Note: You can answer a call while using Contacts or other functions. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From the Home and Apps screens, you have the option to access the Dialer and initiate a call by touching  **Phone**. The following tabs are located at the top of the screen:

- **Keypad:** Dial the current number entered using the onscreen keypad.
- **Recent:** Display a list of all dialed, received, and missed calls.
- **Favorites:** Display your contacts that you have marked as Favorites.
- **Contacts:** Launch the Contacts app where you can select a contact to call.

When you touch **Keypad** and begin to enter numbers, the **Add to Contacts** option appears so you can save the Contact, if needed.

Call Log

The phone stores the numbers of the calls you have dialed, received, or missed in the Call log. The Call log displays the details of the call.

1. Touch  **Phone**.
2. Touch  **Recent**.

A list of recent calls displays. If the number or caller is listed in your Contacts, the associated name displays.

All calls made, received, and missed are listed. Types of calls are identified by the following icons:

- **Incoming Calls:** 
- **Outgoing Calls:** 
- **Missed Calls:** 
- **Rejected Calls:** 
- **Auto Rejected Calls:** 

Calling Back a Missed Call

To call a missed call number:

1. Touch  **Phone** →  **Recent**.

A list of recent calls displays. If the number or caller is listed in your Contacts, the associated name displays.

2. Swipe the desired missed call to the right to call.
– or –

Swipe the desired missed call to the left to create and send a message.

Saving a Recent Call as a Contact

1. Touch  **Phone** →  **Recent**. A list of recent calls displays.
2. Touch the call you want to save to your Contacts.
The call detail page displays.
3. Touch **Create contact** to add the call to your Contacts.
The Create contact screen displays.

– or –

If you want to replace the number for an existing contact, touch **Update existing**.
4. Enter information into the various fields using the keyboard.
5. Touch **Save** to save when you are finished.

For further details about the Contacts feature, see “*Creating Contacts*” on page 53.

Sending a Message to a Recent Call

1. Touch  **Phone** →  **Recent**.

A list of recent calls displays.
2. Swipe the entry you want to message to the left.
3. At the New message screen, touch the **Enter message** field and use the onscreen keyboard to enter in a message.
4. When you are done with your message, touch **Send**.

For more information, refer to “*Creating and Sending Messages*” on page 82.

Deleting a Call from the Call Log

1. Touch  **Phone** →  **Recent**.

A list of recent calls displays.

2. Touch and hold the call you want to delete from the Recent calls log.
3. Touch **Delete**.
4. At the **Delete log** prompt, touch **Delete**.

The call is deleted from the Recent calls log.

Adding a Call to the Reject List

1. Touch  **Phone** →  **Recent**.

A list of recent calls displays.

2. Touch and hold the call you want to add to the Reject List.
3. Touch **Add to reject list**.
4. At the Add to reject list? prompt, touch **OK**.

Future calls from this number will be rejected and sent to your voicemail.

Call Duration

1. Touch  **Phone** →  **Recent**.

2. Touch  **Menu** → **Call duration**.

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.

3. To reset these times to zero, touch  **Menu** → **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the volume, use the Volume key on the left side of the phone.

- Press the **Up** end of the volume key to increase the volume level and press the **Down** end of the volume key to decrease the volume level.
– or –

Quickly add more volume to the incoming audio by touching the onscreen **Extra volume** button .

From a Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several functions available by touching a corresponding onscreen button.

- **Add call:** Display the dialer so you can call another person.
- **Keypad:** Display the onscreen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **End call:** Terminate the call.
- **Speaker:** Route the phone's audio through either the speaker or through the earpiece.
 - Touch **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line will appear under the Speaker button.
 - Touch **Speaker** again to use the phone's earpiece (see *“Using the Speakerphone During an Active Call”* on page 78). The green line will disappear when Speaker is not activated.
- **Mute/Unmute** turn the onboard microphone either on or off.
 - Touch **Mute** during a call to mute the microphone. A green line will appear under the Mute button.
 - Touch **Mute** again to unmute the microphone. The green line will disappear when Mute is not activated.

- **Headset** connects to a Bluetooth headset.
 - Touch **Headset** during a call to activate a Bluetooth headset. A green line will appear under the Headset button.
 - Touch **Headset** again to de-activate the Bluetooth headset. The green line will disappear when the Headset is not activated.
- Touch  **Menu** for more options:
 - **Contacts:** Go to your Contact list.
 - **Memo:** Write a memo.
 - **Message:** Write a message during a call.

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 call screen, touch .
2. Select an available option.
3. Confirm the option is enabled .

Activating Noise Reduction

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

1. Touch  to turn **Noise reduction off**.
2. Touch  to turn **Noise reduction on**.

Multi-Party Calling

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

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

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Touch  **Speaker**.
The **Speaker** button now appears as  and the speakerphone is activated.
2. Use the **Volume** key (located on the left side of your phone) to adjust the volume.
3. To deactivate the speakerphone, touch  **Speaker**.

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You want to say something to someone in the room, but do not want the person on the phone to hear what you say.

To mute your phone during a call:

1. Touch  **Mute**.

The **Mute** button now appears as  and Mute is activated.

2. Touch  **Mute** to deactivate the Mute function and reactivate the microphone.

To use a Bluetooth headset:

1. Touch  **Headset**.
2. The phone will scan for your Bluetooth headset. When found, connect to the headset.
The **Headset** button now appears as  and the Bluetooth headset is activated.
3. Touch  **Headset** to deactivate the Bluetooth headset and reactivate the phone speaker.

Searching for a Number in Contacts

1. During the active call, touch  **Menu** then touch **Contacts**.
2. Touch the contact entry.

For further details about the Contacts feature, see “*Finding a Contact*” on page 56.

Call Forwarding

1. Touch  **Phone** →  **Menu** → **Call settings** → **Call forwarding**.
2. Touch one of the following options:
 - **Turn on call forwarding:** Enables the Call forwarding feature.
 - **Turn off call forwarding:** Disables the Call forwarding feature.

Call Settings

To access the Call settings menu:

- Touch  **Phone** →  **Menu** → **Call settings**.

– or –

From a Home screen, touch  **Apps** →

 **Settings** → **Call**.

For detailed information on all of the call settings, see “*Call*” on page 162.

Section 5: Messaging

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

Types of Messages

Your phone supports the following message types:

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

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! When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to “*Status Bar*” on page 24.

Note: Messaging service availability depends on your network and service plan. Multimedia Messaging charges apply per your Calling Plan. Monthly plans are available. Higher rates apply for International Multimedia Messaging (when available). Compatible Device required. Consult Verizon Wireless for more information.

Creating and Sending Messages

1. From a Home screen, touch  **Messaging**.
– or –
From a Home screen, touch  **Apps** →  **Messaging**.
2. Touch  **Compose**.
3. Touch the **Enter recipient** field to manually enter a recipient or touch  to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
4. If adding a recipient from your Contacts, touch the contact to place a check mark then touch **Done**.
The contact is placed in the recipient field.

Note: Enter additional recipients by separating each entry with a semicolon (;) then using the previous procedure.

5. Touch the **Enter message** field and use the onscreen keyboard to enter a message.
6. Add more recipients by touching the recipient field.
7. Review your message and touch **Send**.

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

Adding Attachments to a Message

To add an attachment to your message, touch  and select one of the options: Image, Take a picture, and so on.

Message Options

Options Before Composing a Message

1. Touch  **Messaging**.
2. Before composing a message, touch  **Menu** to reveal additional messaging options:
 - **Search:** Search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window and touch  **Search**.
 - **Delete threads:** Delete any message thread. Select the messages to delete and a green check mark will appear next to the message. Touch **Delete**.
 - **Draft messages:** Display the draft messages folder and its contents.
 - **Locked messages:** Display the locked messages folder and its contents.
 - **Save messages:** Select messages and save them to the saved messages folder.
 - **Font size:** Set the font size for messages.
 - **Settings:** Access Messaging settings. For more information, refer to “*Messaging Settings*” on page 86.

Options While Composing a Message

- While composing a message, touch  **Menu** to reveal additional messaging options.
 - **Insert smiley:** Add emoticons, such as a happy face to your message.
 - **Add text:** Copy text from your contacts, calendar, or from a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, and so on, to your message.
 - **Add to contacts:** Add the recipient to your Contacts list. This option only appears if the recipient is not already in your Contacts list.
 - **View contact:** See information on the recipient. This option only appears if the recipient is in your Contacts list.
 - **Add slide:** Add a new page to a message.
 - **Add subject:** Add a subject to a message.
 - **Priority level:** sets the messages priority level to Normal or High.
 - **Discard:** Delete the current message.
 - **Font size:** Set the font size for the message.

Viewing New Received Messages

1. When you receive a new message, the new message  icon displays at the top of the screen.

2. Open the Notification Panel and select the message. For more information, refer to “*Notification Panel*” on page 22.

– or –

Touch  **Messaging** then touch the new message to view it.

3. To play a multimedia message, touch .
To pause playback of the multimedia message, touch .
4. To scroll through the message (if additional text pages have been added), touch the screen and in a single motion, scroll up or down the page.

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 access message thread options:

- From the main Messaging screen, touch and hold the message to display the following options:
 - **Delete:** Delete the currently selected message thread.
 - **Save messages:** Save the message to the saved messages folder.
 - **View contact:** Display the Contact’s Overview page.
 - **Add to contacts:** Adds a new number to your Contacts list. This option is only displayed if the number is not already in your Contacts list.

To access additional Bubble options:

- Touch and hold the message bubble within an active message conversation to display the following options:
 - **Delete:** Delete any currently selected message bubble from the thread.
 - **Copy text:** Copy the currently selected message bubble from the thread.
 - **Forward:** Forward the currently selected message bubble to an external recipient.
 - **Lock/Unlock:** Lock or unlock the currently selected message bubble from being accidentally deleted.
 - **Share:** Share the message by using Bluetooth, Email, and so on.
 - **Copy to SIM:** Copy the currently selected message bubble as a single text message within the SIM card.
 - **Save message:** Save the message to the saved messages folder.
 - **View message details:** Display details for the currently selected message bubble.

Deleting Messages

To delete a single message thread:

1. Touch  **Messaging**.
2. Touch and hold a message, then touch **Delete**.
3. At the **Delete** prompt, touch **OK** to delete or **Cancel** to cancel.

To delete multiple message threads:

1. Touch  **Messaging**.
2. Touch  **Menu** → **Delete threads**.
3. Touch each message you want to delete or touch **Select all**.
A check mark displays beside each message you select.
4. Touch **Delete**.
5. At the **Delete all** prompt, touch **OK** to delete or **Cancel**.

Message Search

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

1. Touch  **Messaging**.
2. Touch  **Menu** → **Search**.
3. Use the onscreen keyboard to enter a word or phrase to search for, then touch  **Search**.
4. All messages that contain the search string you entered are displayed.

Saved Messages Folder

To view messages that you have saved, access the saved messages folder.

1. From a Home screen, touch  **Apps** →  **My Files**.
2. Touch **All files** → **Device storage** → **Messaging**.
3. Touch an entry to view the saved message.
– or –

Touch the check box to the left of messages you would like to delete, share, move, copy, rename, or view details about the file. Also, touch and hold an entry to display those options.

Messaging Settings

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

1. Touch  **Messaging** →  **Menu** → **Settings**.
2. Options are described on the screen.

Touch each option to enable it. Checking some options causes other options to become available to set.

Touch  to set some options.

Touch other options, such as Emergency alerts, to display additional instructions for setting the option.

3. Touch  **Menu** → **Restore default settings** to restore all Messaging settings to their original state.

Emergency Alerts

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.

To modify which alerts you receive:

1. From a Home screen, touch  **Apps** →  **Emergency Alerts**.
2. Touch  **Menu** → **Settings** → **Alert types**.
All alerts are enabled by default (check mark showing).
3. Touch an alert option to disable the alert and remove the check mark.

Note: Presidential alerts cannot be disabled.

For more information, refer to “*Emergency Alerts*” on page 134.

Using Email

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

To access the Email app:

- From the main Home screen, touch  **Email**.
– or –

From a Home screen, touch  **Apps** →  **Email**.

Setting Up Email Accounts

To create your first email account:

1. Touch  **Email**. The Set up account screen displays.
2. Touch an email account type, such as Corporate.

If you do select Corporate, see “*Setting Up a Corporate Email Account*” on page 89 for more information.

- Enter your email address in the **Email address** field.
- Enter your password in the **Password** field.
- If you want to see your password as it is being typed, touch **Show password** to create a check mark.
- Touch **Next** or touch **Done** on the keyboard.
- The Account options screen displays.
- Review and configure the settings.
- Touch **Next**.
- Enter a name for this email account (optional) and touch **Next** or touch **Done** on the keyboard.
- The Set up email screen displays.

3. Touch another email account type and repeat Steps 3 through 8.

– or –

Touch **Done with accounts**.

The Email inbox displays.

Note: For more information on setting up your email, visit the Smartphone Resource Center at: smartphones.verizonwireless.com.

Setting Up Additional Email Accounts

To create additional email accounts after setting up your first account, follow these steps:

1. Touch  **Email**.

Your Email screen displays showing your emails from the active account.

2. Touch  **Menu** → **Settings**.
3. Touch **Add account**.
4. Enter the information required to set up another account.
5. Touch **Send email from this account by default**, if you want to enable the option. Touch the check box to create a check mark.

For more information, refer to “*Setting Up Email Accounts*” on page 88.

Setting Up a Corporate Email Account

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

1. Touch  **Email**. The Set up account screen displays.
2. Touch **Corporate**. For more information, refer to “*Setting Up Email Accounts*” on page 88.
3. Touch **Manual setup**.
4. Enter all the Exchange server information, Domain, user name and Password, then touch **Next** or touch **Done** on the keyboard.
5. At the **Activation** prompt, touch **OK**.
The Account options screen displays.
6. Review and configure the settings.
7. Touch **Next**.
8. Enter an Account name for this account (Optional) and touch **Next** or touch **Done** on the keyboard.
Wait for the Inbox to synchronize before use.
9. Touch  **Menu** → **Settings** to change the account settings.

Switching Between Email Accounts

1. Touch  **Email**.

Your Email screen displays showing your emails from the active account.

2. Touch the Inbox button  at the top of the screen.

Your Email accounts screen displays.

3. Touch the Email account **Inbox** you would like to make active.

– or –

Touch **Combined inbox** to display email messages from all accounts.

The new Email account inbox or Combined inbox displays.

Syncing Email Accounts

Syncing refreshes your phone with the account's servers.

When you set up an email account, you can choose whether the account syncs in the background, or manually.

- Touch  **Email** →  **Refresh**.

Gmail

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

- From a Home screen, touch  **Apps** →  **Gmail**.

Setting Up Your Gmail Account

The first time you launch Gmail, your device prompts you to set up your Google account, if you have not already set it up. Once you set up your Google account on your device, Gmail is set up automatically.

1. Touch  **Gmail**.
2. Follow the prompts to sign in or create a new account.
3. The device communicates with the Google server to set up your account and synchronize your email.

You can use more than one Google account on your device.

Tip: To add another Google account, from a Home screen, touch  **Apps** →  **Settings** → **Add account** → **Google**.

Refreshing Your Gmail Account

Syncing refreshes your device with the account's servers. When you set up an email account, you can choose whether the account syncs in the background or manually.

- Touch  **Gmail** →  **Menu** → **Refresh**.

Gmail Settings

Use settings to configure your Gmail preferences.

1. Touch  **Gmail**.
2. Touch  **Menu** → **Settings** for options.

Composing and Sending Gmail

1. Touch  **Gmail**.
2. Touch , then touch fields to compose the message. While composing, touch  **Menu** for options.
3. Touch  **SEND** to send.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Hangouts for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign on to your Google account. For more information, refer to *“Creating a New Google Account”* on page 15.
2. From a Home screen, touch  **Apps** →  **Google+**.
3. Select the account you want to use to sign in to Google+.
– or –
Touch **Add account** to create another account.
4. Follow the onscreen instructions to use Google+.
5. Visit google.com/mobile/+ for more information.

Hangouts

Hangouts is a free, web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

Note: The first time you use Hangouts, you will need to download the updated application from the Play Store. When the Play Store page displays, touch **Update**. For more information, refer to “*Play Store*” on page 144.

1. Log on to your Google account, if you have not already done so. For more information, refer to “*Creating a New Google Account*” on page 15.
2. From a Home screen, touch  **Apps** →  **Hangouts**.
3. Touch  **Menu** → **Help** for more information on using Hangouts.

Voicemail

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

Visual Voice Mail is a feature that allows you to review your voicemail on your phone, including the option to listen to your voicemail in any order. There is a monthly charge for Visual Voice Mail, and airtime charges may apply. For more information, contact Verizon Wireless.

Setting Up Voicemail

1. From the Home screen, touch  **Apps** →  **Voicemail** → **Call Voicemail**.

– or –

From the Home screen, touch  **Phone**, then touch and hold .

2. Follow the automated instructions to set up your password and record a greeting.

Checking Voicemail

1. From the Home screen, touch  **Apps** →  **Voicemail** → **Call Voicemail**.

– or –

From the Home screen, touch  **Phone**, then touch and hold .

2. Follow the automated instructions to manage voicemail.

Clearing Voicemail Notifications

When you have new voicemail, your phone alerts you by displaying an icon in the Status Bar, and, depending on your settings, by playing sound and vibration. If you want to remove the icon from the Status Bar, use the Clear notifications option.

- From the Home screen, touch  **Apps** →  **Voicemail** → **Clear notifications**.

Section 6: Multimedia

This section explains how to use the multimedia features of your phone, including Music, Google Play Music, Video, Play Movies & TV, Gallery, Camera, and Camcorder.

Music

Music is an application that can play music files. Music supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching Music allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. From a Home screen, touch  **Apps** →  **Music**.
2. Touch a library category at the top of the screen (Songs, Playlists, Albums, Artists, or Folders) to view the available music files.
3. Scroll through the list of songs and touch an entry to begin playback.

4. The following Music controls are available:



Streams the current music file to another device via Samsung Link.



Volume control and SoundAlive.



Volume control showing volume muted.



Shuffles the current list of songs randomly.



Songs play in order and are not shuffled.



Assign the current song as a Favorite.



Plays the entire song list once.



Replays the current list when the list ends.



Repeats the currently playing song.

-  Displays the current song in the player window.
-  Touch and hold to rewind the song. Touch to go to previous song.
-  Pause the song.
-  Start the song after pausing.
-  Touch and hold to fast-forward the song. Touch to go to next song.
-  Lists the current playlist songs.

Music Options

To access additional options, follow these steps:

1. Touch  **Apps** →  **Music**.
2. Touch  **Menu**. The follow options are available before you play music:

Note: The following options may or may not appear depending on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

- **Cloud:** Launch Verizon Cloud to back up this song.
- **Add to playlist:** Add the current music file to a selected playlist.
- **Via Bluetooth:** Scan for devices and pair with a Bluetooth headset.
- **Delete:** Delete the music file.
- **Search:** Search your device for a certain song.
- **Scan for nearby devices:** Scan for nearby devices in order to share music.
- **Settings:** Change your Music settings. For more information, refer to “*Music Settings*” on page 96.
- **End:** End the Music app.

Music Settings

The Music Settings menu allows you to set preferences for the Music app such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. Touch  **Apps** →  **Music**.
2. Touch  **Menu** → **Settings**.
3. Select one of the following settings:
 - **Music menu:** Select which categories you want to display. Choices are: Albums, Artists, Genres, Music square, Folders, Composers, Years, Most played, Recently played, and Recently added. Touch each item that you want to display in the Music menu.
 - **SoundAlive:** Set a type of equalization such as Normal, Pop, Rock, Dance, Jazz, Classic, and so on.
 - **Play speed:** Set the play speed anywhere between 0.5X and 2.0X using the slider.
 - **Music auto off:** When activated, music will automatically turn off after a set interval.
 - **Lyrics:** When activated, displays lyrics when available.

- **Smart volume:** Automatically adjusts each track's volume to an equal level.
- **Voice control:** Use voice commands to control the Music app.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. Touch  **Apps** →  **Music**.
2. Touch the **Playlists** tab.
3. Touch  **Menu** → **Create playlist**.
4. Type a name for this playlist in the field and touch **OK**.

Adding Music to a Playlist

To add files to the playlist:

1. Touch  **Apps** →  **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name to which you want to add music.
4. Touch  **Add music**.
5. Touch a music file. Touch **Select all** to add all the music tracks to this playlist.
6. Touch **Done**.

Removing Music from a Playlist

To remove music files from a playlist:

1. Touch  **Apps** →  **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name from which you want to delete music.
4. Touch  **Menu** → **Remove**.

5. Touch the checkbox to the left of each track you want to remove from this playlist. Touch **Select all** to remove all the music tracks from this playlist
6. Touch **Remove**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. Touch  **Apps** →  **Music**.
2. Touch **Playlists**.
3. Touch  **Menu** → **Edit title**.
4. Touch a playlist name to edit.
5. Enter a new name for the playlist then touch **OK**.

For information on downloading music for your phone, see “*Google Play Music*” on page 98.

Google Play Music

With Google Play Music, you can play music that you have added to your music file as well as any music you copied from your PC. While offline, you can listen to music you have copied from your PC.

1. From a Home screen, touch  **Apps** →  **Play Music**.
2. Follow the onscreen instructions to locate and play music.
3. To configure Play Music settings, touch  **Menu** → **Settings**.
4. For more information, touch  **Menu** → **Help**.

Video

The Video application plays video files stored on your phone or microSD card.

1. From a Home screen, touch  **Apps** →  **Video**.
All videos that you have on your phone and memory card display.
2. Touch the video that you want to play.

3. The following video controls are available:



Streams the current music file to another device via Samsung Link.



Volume control.



Volume control showing volume muted.



Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.



Full-screen view. The entire screen is used, which may cause some minor distortion.



Original size view. The video will be played in its original size.



Stretch to fit. The video is enlarged to fit the screen without becoming distorted.



Touch and hold to rewind the video. Touch to go to previous video.



Pause the video.



Start the video after being paused.



Touch and hold to fast-forward the video.

Touch to go to next video.



Play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen.

Double-tap the pop-up to return to full screen mode.

Note: The screen view icons are a four-way toggle. The icon that is displayed, is the mode that will display after the icon is touched.

Play Movies & TV

With Google Play Movies & TV, you can rent thousands of different movies and television shows. You can watch instantly, or download your movie or show for offline viewing at a later time.

1. From a Home screen, touch  **Apps** →  **Play Movies & TV**.
2. Log on to your Google account if you have not already done so.
3. Following the onscreen instructions for renting and viewing movies and TV shows.
4. To configure Play Movies & TV settings, touch  **Menu** → **Settings**.
5. For more information, touch  **Menu** → **Help**.

Gallery

The Gallery can be used to view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a photo message.

To access the Gallery:

1. From a Home screen, touch  **Apps** →  **Gallery**.

All of the Albums that hold your photos and videos display with folder name and number of files.

2. Touch an Album.

Thumbnails of the contents display.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using **My Files** or another file management application and try again. For more information, refer to “*My Files*” on page 141.

Viewing Photos

To view photos:

1. Touch a thumbnail to view a single photo.

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

The following options are available at the top of the screen:



Change player: Select a DLNA-enabled device.



Share via: Share the photo by using Group Play, Kindle, Bluetooth, Email, and so on.



Delete: Delete the photo.



Camera: Activate the camera.

2. Touch  **Menu** for additional options.

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 photos 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 photo.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Select a folder location and touch a file to open it.
3. With the image displayed, touch  **Menu** → **Edit** to launch the Photo Editor or Paper Artist.
4. Touch **Photo Editor** and download the app, if necessary.
5. Select an image area by touching and holding the image and then selecting an available option:
 - **Selection mode:** Provides several onscreen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Magnetic, Lasso, Brush, Round, and Square).

- **Clipboard:** Copy the currently selected area to your device's clipboard.
- **Select all:** Select the entire area of the current image.

6. Use the following editor controls to edit your photo:



Undo: Undo the last action.



Redo: Redo the last action.



Transform: Rotate and crop the photo.



Color: Auto adjust color, Brightness, Contrast, Saturation, Adjust RGB, Temperature, Exposure, and Hue of a photo.



Effect: Add various effects to your photo.



Decoration: Add a frame around the image. Place stickers on the image. Create a multi-grid collage of images. Draw directly on the image.

7. Touch  **Menu** to access the following options:

- **Save as:** Rename your current image and save it to your gallery.
- **Select image:** Select a new image for editing.
- **Take picture:** Activate the camera and take a new photo for editing.
- **Share via:** Share your saved photo by using Bluetooth, Email, and so on.
- **Set as:** Assign the currently saved image as either a Contact photo, Home and lock screens, Home screen, Lock screen, or Wallpaper.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

1. Touch a video to select it.
2. Touch  to play the video.
3. Touch  **Menu** for additional options.

For video player controls, see “*Video*” on page 98.

Using S Beam to Share Photos

When this feature is activated with NFC, you can beam large files directly to another compatible device that is in direct contact. For example, these large files can be Videos or HD photos. You can beam images and videos from your gallery, music files from your Music, and more.

1. From a Home screen, touch  **Apps** →  **Settings** → **More settings**.
2. If not already active, touch the **ON/OFF** button to turn NFC ON .
3. Touch **S Beam** and make sure the feature is turned on. If not already active, touch the **ON/OFF** button to turn S Beam ON .
4. On the source device, which contains the desired image or video, touch  **Apps** →  **Gallery**.
5. Locate and touch 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.

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

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

- Pull them apart.
 - Verify the image is visible in the preview window on the source device (providing the file).
 - Place them together again.
7. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
 8. When prompted, separate the two devices. After a few seconds (depending on file size), the transferred file will display on the recipient's screen.

Sharing Multiple Photos with S Beam

To share multiple photos with S Beam:

1. On the source device (containing the desired image or video), touch  **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, touch the reduced image preview to begin the transfer.
6. When prompted, separate the two devices.
7. The photos are transferred to the other device.

Camera

This section explains features related to the use of the camera and camcorder on your phone. You can take photographs and record video by using the built-in camera functionality. Your 8 megapixel 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.

Accessing Camera

- From the main Home screen, touch  **Camera**.
– or –

From a Home screen, touch  **Apps** →  **Camera**.

Taking Photos

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, then touching the Camera button.

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

1. From a Home screen, touch  **Apps** →  **Camera** to activate the camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a photo, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the photo up to four times (400 percent).
– or –
Use two fingers to make an inward pinch motion on the screen to zoom out or an outward motion by sweeping your fingers out to zoom in.
4. If desired, before taking the photo, you can touch onscreen icons to access various camera options and settings.
5. You can also touch the screen to move the focus to the area you touch.
6. Touch the Camera button  until the shutter sounds. The photo is automatically stored within your designated storage location. If no microSD is installed, all photos are stored on the Phone.

Sound & Shot

The Sound & shot feature adds up to nine seconds of audio to your photos.

To take a photo with sound:

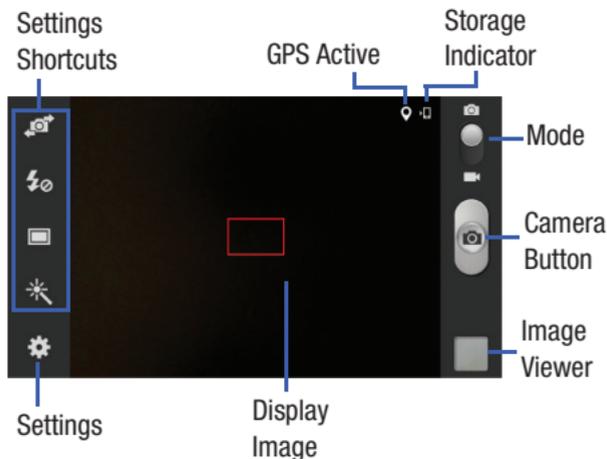
- Touch  **Camera** →  **Settings** → **Shooting mode** → **Sound & shot**.

The camera records a few seconds of audio after taking a photo.

To set the camera to record sound before or after taking a photo:

- Touch **Pre-shot** or **Post-shot**.

Note: While taking photos in this mode, sound is recorded by the internal microdevice.



7. While viewing a photo, after you have taken it, pinch the screen outwards to zoom in or pinch the screen inwards to zoom out.

You can magnify the photo up to four times (400 percent).

8. Touch  **Back** to return to the viewfinder.

Camera Settings

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.

 **Self-portrait**,  **Flash**,  **Shooting mode**, and  **Effects** are default settings shortcuts.

To customize these shortcuts:

1. Touch  **Settings** → **Edit shortcuts**.
– or –
Touch and hold any of the shortcut icons to edit them.
2. Touch and hold a setting, then drag and drop it on one of the five settings shortcuts to the left. The replaced setting shortcut displays in the edit list.

Configuring Camera Settings

To configure Camera settings:

- While in Camera mode, touch a settings shortcut or touch  **Settings** to configure the following camera settings:
 - **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to “*Editing Camera Settings Shortcuts*” on page 107.
 - **Burst shot**: Take eight photographs in quick succession, and you can select and save the best.
 - **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. For more information, refer to “*Location*” on page 176.
 - **Self-portrait**: Set the front camera so you can take photos of yourself.
 - **Flash**: Set the flash options to Off, On, or Auto flash.

- **Shooting mode:** Set the shooting mode.
- **Effects:** Change the color tone or apply special effects to the photo.
- **Scene mode:** Set the Scene to help take the best photos possible.
- **Exposure value:** Adjust the brightness level by moving the slider.
- **Focus mode:** Set this option to Auto focus or Macro. Use Macro mode to take close-up photos.
- **Timer:** Set a timer for how long to wait before taking a photo.
- **Resolution:** Choose a size for the photo.
- **White balance:** Set the light source.
- **ISO:** 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:** Select a method for measuring light.
- **Auto contrast:** Get a clear image even under backlight circumstances where intensity of illumination can vary excessively.
- **Guidelines:** Turn the guidelines On or Off.
- **Auto share shot:** Easily connect to the devices you want to share photos with and then bring the devices back together (back to back) to connect them.
- **Anti-shake:** Reduce image blur due to the movement of the subject of the photo or hand movement.
- **Contextual filename:** Add your location as part of the filename. You must first activate GPS tag described above.
- **Voice control:** Take photos using your voice. You can use words such as Capture, Shoot, Smile, and Cheese.
- **Image quality:** Choose a quality setting for photos.
- **Storage:** Configure the default storage location for images or videos as either Device or Memory card (if inserted).
- **Reset:** Reset all camera settings to the default values.

Viewing Your Photos

After you take a photo, you can access various options from the Image Viewer. The Image Viewer uses your Gallery. For more information, refer to “*Gallery*” on page 100.

Camcorder

Use your device’s built-in Camcorder to record high-definition video in 1080p resolution.

1. Touch  **Camera**.
2. Slide the  **Mode** button to the  **Camcorder** setting.

The Camcorder screen displays.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Recording Videos

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.

1. From a Home screen, touch  **Apps** →  **Camera** to activate the camera mode.
2. Touch and drag the  **Mode** button to the  **Camcorder** setting.
3. Touch  **Recording mode** and select the mode you prefer. Select between Normal or Limit for MMS.
4. Using the phone’s main display screen as a viewfinder, adjust the image by aiming the Camcorder at the subject.
5. Before you take a video, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the video up to four times (400 percent).

– or –

Use two fingers to make an inward pinch motion on the screen to zoom out or an outward motion by sweeping your fingers out to zoom in.

6. To start recording, touch  **Record**.
During recording, the **Recording Indicator**  flashes.
7. To capture an image from the video while recording, touch . This feature is not available when the anti-shake feature is activated.
8. To pause recording, touch  **Pause**.
9. To stop recording, touch  **Stop** to stop the recording and save the video file to your Camera folder.
10. Once the file has been saved, touch the image viewer, then touch  to play your video for review.
11. Touch  **Back** to return to the viewer.

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

Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

 **Self-recording**,  **Flash**,  **Recording mode**, and  **Effects** are default settings shortcuts.

To customize these shortcuts, see “*Editing Camcorder Settings Shortcuts*” on page 110.

Configuring Camcorder Settings

To configure Camcorder settings:

- While in Camcorder mode, touch a settings shortcut or touch  **Settings** to configure the following Camcorder settings:
 - **Edit shortcuts:** Customize your settings shortcuts. For more information, refer to “*Editing Camera Settings Shortcuts*” on page 107.
 - **Location tag:** Turn GPS On or Off.
 - **Self-recording:** Set the front camera so you can take videos of yourself or video chat.
 - **Flash:** Set the flash options to Off or On. When you set the flash to On, it stays on continually while you are taking a video.
 - **Recording mode:** Set the recording mode to: Normal, which is limited only by available space on the destination location; Limit for MMS, which is limited by MMS size restrictions; Slow motion, which records in slow motion; and Fast motion, which records in fast motion.
 - **Effects:** Apply an effect to videos.
- **Exposure value:** Adjust the brightness level by moving the slider.
- **Timer:** Set a timer for how long to wait before taking a video.
- **Resolution:** Set a size for the video.
- **White balance:** Set the light source.
- **Guidelines:** Turn the guidelines On or Off.
- **Anti-shake:** Reduce image blur due to the movement of the subject of the photo or hand movement.
- **Contextual filename:** Add your location as part of the filename. You must first activate GPS tag described above.
- **Video quality:** Choose a quality setting for videos.
- **Storage:** Configure the default storage location for images or videos as either Device or Memory card (if inserted).
- **Reset:** Reset all Camcorder settings to the default values.

Viewing Your Videos

After you take a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video Player. For more information, refer to “*Gallery*” on page 100. Also, see “*Video*” on page 98.

Section 7: Connections

This section describes the various connections your phone can make including accessing Wi-Fi, Bluetooth, and Connecting your PC.

Wi-Fi

About Wi-Fi

Wi-Fi (short for “wireless fidelity”) is a term used for certain types of Wireless Local Area Networks (WLAN). These device types use an 802.11 wireless specification to transmit and receive wireless data. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On

By default, your device’s Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .

Connect to a Wi-Fi Network

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.

The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

2. Touch the network you want to connect to.

Note: When you select an open network, you will be automatically connected to the network.

3. Enter a wireless password if necessary.

Manually Add a New Network Connection

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch **Add Wi-Fi network**.
3. Enter the **Network SSID**. This is the name of your Wireless Access Point.
4. Touch the **Security** field and select a security option. This must match the current security setting on your target WAP.
5. If secured, you will also need to enter your WAP's password.
6. Touch **Show advanced options**, if you need to add advanced options such as Proxy settings, IP settings, or Key management.
7. Touch **Connect** to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi OFF .

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch **Scan**.

All available Wi-Fi networks are displayed.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:



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



Displays when there is a Wi-Fi access point available but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).



Displays when connected to another device using Wi-Fi Direct. For more information, refer to “*Wi-Fi Direct*” on page 116.

Wi-Fi Advanced Settings

The Advanced Wi-Fi menu can be used to set up many of your device’s advanced Wi-Fi services.

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch  **Menu** → **Advanced**.

The following options are available:

- **Wi-Fi notifications:** Alerts you when a new WAP is available.
- **Auto connect:** When enabled, your phone will automatically connect to known Wi-Fi networks when you launch a high data-usage application, even if Wi-Fi is turned off. A known Wi-Fi network is one that you previously added.
- **Sort by:** Sort Wi-Fi networks by alphabet or RSSI (received signal strength indicator).
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi.

- **Always allow scanning:** Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
- **Auto network switch:** Automatically switch between Wi-Fi networks and mobile networks.
- **Install certificates:** Install authentication certificates.
- **MAC address:** View your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address.

Wi-Fi Direct

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

Note: See your service plan for applicable charges for Wi-Fi Direct.

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.
4. Enable Wi-Fi Direct on the other device. Consult the other device's documentation for more information.
5. On your phone, touch **Scan**.
The device scans for other Wi-Fi Direct devices.
6. Once the device you want to connect to displays, touch it.
7. The other device has 2 minutes to touch **Accept** for the connection to be made.
8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the  icon will display at the top of your screen.

Sharing Information with Connected Device

To share Videos, Photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share via** option.
2. Touch the **Wi-Fi Direct** option.
3. Touch the connected device name. For example, Android_55ca.
4. Touch **Done**.

The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My Files** → **All files** → **Device storage** in the **ShareViaWifi** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that is used to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From a Home screen, touch  **Apps** →

 **Settings** → **Bluetooth**.

2. Touch the **ON/OFF** button to turn Bluetooth ON .

The Bluetooth icon  displays at the top of your screen when Bluetooth is enabled.

To turn Bluetooth off:

1. From a Home screen, touch  **Apps** →

 **Settings** → **Bluetooth**.

2. Touch the **ON/OFF** button to turn Bluetooth OFF .

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

 Displays when Bluetooth is active.

 Displays when Bluetooth is connected (paired) and communicating.

Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. Your phone supports these Bluetooth profiles:

- **Headset:** HSP v1.2 profile supports use of compatible Bluetooth headsets for mono voice.
- **Handsfree:** HFP v1.5 profile supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.
- **Stereo:** A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.

- **Object Exchange:** OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.
- **Human Interface Devices:** HID v1.0 profile supports certain interface devices.
- **Personal Area Networking:** PAN 1.0 supports exchange of data with other devices.
- **Message Access Profile:** MAP 1.0 allows exchange of text messages between devices, such as with an automotive hands-free device.
- **Health Device Profile:** HDP allows communication with medical devices.

Note: This device does not support all Bluetooth profiles. For vehicle/accessory compatibility, visit www.verizonwireless.com/bluetoothchart.

Bluetooth Settings

The Bluetooth settings menu is used to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices

Note: Bluetooth must be turned ON to access Bluetooth settings.

1. From a Home screen, touch  **Apps** →  **Settings** → **Bluetooth**.
2. Touch the **OFF/ON** button to turn Bluetooth ON .

3. Touch a setting to configure Bluetooth:

- Touch your phone's name to enable or disable its visibility to other devices' Bluetooth searches. Available when Bluetooth is ON.
- Touch **Scan** to search for visible Bluetooth devices. Touch a detected device to pair with it (see "Pairing Bluetooth Devices" on page 120).
- Touch  **Menu** to access the following options:
 - **Visibility timeout:** Select how long your phone remains visible to other devices.
 - **Received files:** Lists files received from other devices over Bluetooth connections.
 - **Rename device:** Change the name of your device. This is the name other Bluetooth devices will see.

Pairing Bluetooth Devices

Use the Bluetooth pairing process to establish a trusted connection between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify your Bluetooth is active.
2. Touch **Scan**. Your device will display a list of discovered in-range Bluetooth devices.
3. Touch a device from the list to initiate pairing.
4. Enter the passkey or PIN code, if needed, and touch **OK**.
5. The external device will then have to also accept the connection and enter your device's PIN code.

Once successfully paired to an external device,  appears within the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

Disconnecting a Paired Device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings screen, touch the previously paired device (from the bottom of the page).
3. Touch **OK** to confirm disconnection.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Deleting a Paired Device (Unpair)

Deleting a device from your list removes its “connection record” and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings screen, touch  next to the previously paired device. This opens the connected device’s menu options.
3. Touch **Rename** to change the name of the paired device.
4. Touch **Unpair** to delete the paired device.

Sending Contacts with Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send photos, Contact information, or other items using a Bluetooth connection.

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

1. Verify your Bluetooth is active.
2. From a Home screen, touch  **Contacts**.
3. Touch  **Menu** → **Share namecard via**.
4. Touch each contact that you would like to send via Bluetooth. A green check mark will appear next to each entry you select.
5. Touch **Done**.
6. Touch **Bluetooth**.
7. Select the paired device to send the contacts to.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

8. A Bluetooth share notification will appear in your notifications list.

Mobile Hotspot

Use Mobile Hotspot to share your phone's internet connection with a PC or other device through Wi-Fi, using your phone as the mobile hotspot.

Note: Mobile Hotspot requires a subscription to Mobile Hotspot/Mobile Broadband Connect service. Contact Verizon Wireless for more information.

Mobile Hotspot consumes battery power and uses data service. While the Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data allowance.

Configuring Mobile Hotspot Settings

Configure your device's Mobile Hotspot settings, including your device's name and password, and set the visibility of your device's Wi-Fi hotspot.

For more information, refer to *"Configuring Mobile Hotspot"* on page 155.

Turning Mobile Hotspot On or Off

Activate your phone's Mobile Hotspot application to allow other devices to use your phone's internet connection.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch **More settings** → **Mobile Hotspot**.
3. Touch the **ON/OFF** button to turn Mobile Hotspot ON  or OFF .

Tip: By default, your device's mobile hotspot has no security applied, and any device can connect. For more information about configuring your mobile hotspot, see "*Configuring Mobile Hotspot*" on page 155.

Connecting a Device with Mobile Hotspot

Use the other device's Wi-Fi control to connect to your device's Mobile Hotspot.

1. Turn on Mobile Hotspot on your device.
2. Activate Wi-Fi on the device, using the device's Wi-Fi control.
3. Scan for Wi-Fi hotspots, and select your device from the list. To find your device's name, see "*Configuring Mobile Hotspot*" on page 155.
4. At the prompt, enter your phone's Mobile Hotspot password. By default, the password is your phone's telephone number. For more information, refer to "*Configuring Mobile Hotspot*" on page 155.

Allowed Devices List

Control whether devices connect to your Mobile Hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's mobile hotspot name and password.

Note: Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch **More settings** → **Mobile Hotspot**.
3. Touch **Allowed devices**, then touch  **Add device** to enter the other device's Device name and MAC address.
4. Touch **OK** to add the device to the Allowed devices list.

Tethering

Use Tethering to share your phone's internet connection with a computer that connects to your device with a USB cable or by Bluetooth.

1. From a Home screen, touch  **Apps** →  **Settings** → **More settings** → **Tethering**.
2. Choose a tethering method:
 - **Mobile Broadband Connect:** Connect the computer to the phone with a USB cable, then touch **Mobile Broadband Connect** to turn tethering On or Off.
 - **Bluetooth tethering:** Use Bluetooth to pair your phone with the computer. Consult the computer's documentation for more information about configuring your computer to pair with Bluetooth. Touch **Bluetooth tethering** to turn tethering On or Off.

Note: Using Mobile Broadband Connect tethering requires a subscription to Mobile Hotspot/Mobile Broadband Connect service. For information, contact Verizon Wireless.

- **Help:** Find more information about Mobile Broadband Connect and Bluetooth tethering.
-

Important! Tethering consumes battery power and increases your data usage. Roaming while using tethering will incur extra data charges.

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as S Beam. For information on NFC and NFC related features, see “*NFC*” on page 158.

Android Beam

When enabled, beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more. For more information, refer to “*Android Beam*” on page 158.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music app, and more. For more information, refer to “*S Beam*” on page 158.

Connecting to a Computer

Connect your phone to a computer to transfer data between your phone and the computer. Use the USB cable that comes with your phone, or use one of the pre-loaded apps on your phone to connect wirelessly.

Transferring Data

Connect your phone to a computer with a USB cable to transfer data as a Media device using MTP (Media Transfer Protocol) or as a Camera using PTP (Photo Transfer Protocol).

1. Attach your phone to the computer with a USB data cable. Your phone recognizes the connection as the last connection method you used, and displays a connection alert in the Status Bar and the Notification Panel.
2. From the Home screen, sweep your finger downward to display the Notification Panel and touch the alert.
3. Select a connection method:
 - **Media device (MTP):** Transfer media files with Windows, or using Android file transfer on a Mac (see www.android.com/filetransfer).
 - **Camera (PTP):** Transfer photos using camera software, and transfer files to computers that do not support MTP.
4. On your computer, choose a method for accessing your device. Available options depend on the programs installed on your computer.
5. Transfer files to the memory card. When finished, you can disconnect the USB cable.

Section 8: Applications

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

Managing Applications

The Apps screen displays all applications installed on your phone, including apps you download and install.

From Apps, you can change the way apps appear on the screen, uninstall apps you have downloaded, and share apps with friends. When you install new apps, new screens are added to hold them.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see *“Customizing Your Home Screen”* on page 37.

Downloading and Installing Apps

Find new apps to download and install on your device:

-  **Play Store:** For more information, see *“Play Store”* on page 144.
-  **S Suggest.** For more information, see *“S Suggest”* on page 144.
-  **Samsung Hub:** For more information, refer to *“Samsung Hub”* on page 145.

Updating Applications

Once you have registered your device (see *“Software Update”* on page 199) and signed into your Google account (see *“Setting Up Your Gmail Account”* on page 90), you may see the  **Updates Available** notification in the Status Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the top of the screen and swipe downward.

The Notification Panel displays.

2. Touch **Updates available**.

Uninstalling Apps

You can uninstall apps you download and install. Pre-loaded apps cannot be uninstalled.

1. From a Home screen, touch  **Apps**.
2. Touch  **Menu** → **Uninstall**.
3. Apps that can be uninstalled show  on their icon. Touch , and then follow the prompts to uninstall the app. Pre-loaded apps cannot be uninstalled.

Customizing the Apps Screens

Choosing a View

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

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

Apps Screen Options

1. From a Home screen, touch  **Apps**.
2. Touch  **Menu** for these options:
 - **Play Store:** Launch Google Play Store, to browse for new apps to download.
 - **Edit:** Touch and hold an app icon then drag it to the Create folder icon to create a new folder. Drag it to the Create page icon to create a new apps screen and place the icon on it. Or drag it to App info to view information about this app.
 - **Create folder:** Create a new folder to hold the app icon.
 - **Uninstall:** Remove an app that you downloaded to your phone. Preloaded apps cannot be uninstalled.
 - **View type:** Configure the apps screen.
 - **Share apps:** Select apps you have downloaded (not available for pre-loaded apps) to share with Bluetooth, Email, Flipboard, Gmail, Google, Google+, Hangouts, Messaging, S Memo, or Wi-Fi Direct.

- **Hide applications / Show hidden applications:**
Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.
3. Touch  **Downloaded apps** to display all apps you have downloaded.

Accessing Applications

To access applications:

1. From a Home screen, touch  **Apps**.
2. Locate the application's icon and touch it to launch the application.
3. To return to the main Home screen, press  **Home**.

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 and not from Samsung.

Accessories

Verizon Accessories provides suggestions for accessories, specifically for your device.

- Touch  **Accessories.**

Amazon Kindle

Use the Amazon Kindle application to download books for reading, right on your phone.

Note: You must be registered with Amazon to use the Kindle application. At the prompt, enter your Amazon account credentials.

- Touch  **Amazon Kindle.**

Calculator

Use your phone's Calculator to perform mathematical calculations.

1. Touch  **Calculator.**
2. Enter the first number using the onscreen numeric keys.
3. Enter the operation for your calculation by touching the corresponding onscreen arithmetic function key.
4. Enter the second number.
5. To view the result, touch equals (=).

To view calculator history:

1. Touch  located at the top of the calculator buttons. A history of your past calculations displays.
2. Touch  again to display the calculator keypad.

To clear the calculator history:

- Touch  **Menu** → **Clear history.**

Note: Turn your phone sideways to the landscape position to display the scientific calculator.

Calendar

Your device includes a powerful Calendar feature. You can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary.

To access the Calendar:

1. Touch  **Calendar**.
2. The following tabs are available on the right side of the display:
 - **Year:** Display the Year view.
 - **Month:** Display the Month view.
 - **Week:** Display the Week view.
 - **Day:** Display the Day view.
 - **List:** Display the List view.
 - **Task:** Search for tasks.
3. Touch  **New** to create a new Calendar event.
4. Touch **Today** to display the current date, which is indicated by a blue box.
5. Touch  **Menu** and select one of the following options:
 - **Zoom:** In the Week and Day views, touch and drag a slider to increase or decrease the size of the area being viewed.
 - **Go to:** Display a specific date.
 - **Delete:** Delete All events, All events before today, or an individual event.
 - **Search:** Search within your current events.
 - **Sync:** Synchronize your calendar with one or all of your accounts. This option only appears when an account has been opened.
 - **Calendars:** Display various information such as My calendars, My task, your linked accounts, and Contact's birthdays.
 - **Settings:** Displays a list of configurable settings.
6. To set your Calendar settings, touch  **Menu** → **Settings**.

Caller Name ID

Subscribe to Caller Name ID to identify unknown callers by name, picture, city, and state.

Note: Caller Name ID requires a subscription.

- Touch  **Caller Name ID.**

Camera

Use your 8 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to record videos.

- Touch  **Camera.**

For more information, refer to “*Camera*” on page 104.

Clock

The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer.

- Touch  **Clock.**

The Clock application includes these features:

- **Alarm:** Create alarms to go off once, or to repeat.
- **World Clock:** Display the time and date in any time zone.
- **Stopwatch:** Record lap times.
- **Timer:** Measure elapsed time.
- **Desk clock:** Display the date and time in large format, for easy viewing.

Cloud

Use Verizon Cloud to back up and access information. You can use Verizon Cloud to transfer content between other devices that are sometimes running on different operating systems.

- Touch  **Cloud.**

Contacts

Use Contacts to store information for your friends, family and colleagues, to make contacting them easy.

- Touch  **Contacts**.

For more information, refer to “*Contacts*” on page 52.

Downloads

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

1. Touch  **Downloads**.
2. Touch an item to open it (if an appropriate application is installed.)

Note: Applications you download in Google Play Store are managed in Play Store, and will not appear in Downloads.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Note: This app requires a Google Account.

- Touch  **Drive**.

Email

Send and receive email using popular email services.

- Touch  **Email**.

For more information, refer to “*Using Email*” on page 87.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS). If your wireless provider has chosen to participate in CMAS, 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 or life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Note: Presidential alerts cannot be disabled.

Configure Emergency Alert Settings

1. Touch  **Emergency Alerts**.
2. Touch  **Menu** → **Settings** for these options:
 - **Alert types:** Enable or disable alerts. Presidential alerts cannot be disabled. All alerts are enabled by default (check mark showing). Touch an alert option to disable the alert and remove the check mark.
 - **Emergency alert tone:** Tap to hear a sample emergency alert.
 - **Vibrate:** When enabled, your phone will vibrate for emergency alerts.
 - **Alert reminder:** Choose an interval for your phone to remind you of an emergency alert, or choose Off for no reminders.
 - **Speak alert message:** When enabled, your phone will use text-to-speech to read out emergency alerts.

Flipboard

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

- Touch  **Flipboard.**

Gallery

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

- Touch  **Gallery.**

For more information, refer to “*Gallery*” on page 100.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

- Touch  **Gmail.**

For more information, refer to “*Gmail*” on page 90.

Google

Use Google to search the Web.

- Touch  **Google.**

Tip: You can also access Google Search from the Google widget on the Home screen.

For more information, refer to “*Google Search Bar*” on page 22.

Google Settings

Use this app to manage your Google settings.

1. Touch  **Google Settings**.
2. Select an onscreen option, such as Google+, Location, and so on.
3. Follow the onscreen prompts to modify your Google Settings.

Google+

Stay connected and share life as it happens with Google+ on your device. Join a Hangout, post a photo, or see what friends are sharing while you are on the go.

- Touch  **Google+**.

For more information, refer to “*Google+*” on page 91.

Group Play

Share currently viewed documents or photos, or currently playing music files with other devices connected to the same Wi-Fi network and your device.

Create a group and set your device as the Mobile AP using a portable Wi-Fi hotspot.

Important! Connected devices cannot have access to the internet using your data network.

If your device supports NFC, connect with other devices by holding them close together.

1. Touch  **Group Play**.
2. Touch **Next** for Group Play instructions.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

- Touch  **Hangouts**.

For more information, refer to “*Hangouts*” on page 92.

Help

Access help information to learn how to use the phone and applications or configure important settings.

1. Touch  **Help**.
2. Select a category to view tips.

Internet

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

- From a Home screen, touch  **Internet**.
– or –

From a Home screen, touch  **Apps** →  **Internet**.

Navigating the Internet

Command Keys

- Touch  to return to a previous page.
- Touch  to move forward to a page.

Touching and Dragging

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

Entering Text in a Field

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

Zoom

- Tap the screen twice to zoom in or out.

Selecting Items on a Page

While browsing pages, use gestures and menus to navigate:

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

Entering a URL

Access a website quickly by entering the URL.

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

Using Windows

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

- To open a new window, touch  **Windows** →  **Add**.
- To switch to another open window, touch  **Windows**, then touch a window to display it.

To close a window, touch  **Windows**, then touch  beside a window to close it.

Using Bookmarks

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

Creating a Bookmark

1. Touch  **Internet**.
2. Browse to the desired website, then touch  **Bookmarks** →  **Add bookmark**.
3. Confirm the Name and Folder for the bookmark, then touch **Save**.

Accessing Bookmarks and History

Launch a bookmarked page, or reload recent pages.

1. Touch  **Internet**.
2. Touch  **Bookmarks** to display bookmarks, then use these options:
 - Touch an item to load the page.
 - Touch and hold on an item for options.
 - Touch  **Menu** for more options.

Going Incognito

Use the Incognito feature to view Internet sites outside of normal browsing. Pages viewed in this incognito window do not appear within your browser history or search history, and no traces (such as cookies) are left on your device.

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

To add a new incognito window:

1. From your browser window, touch  **Windows** →  **Incognito page**
2. A new browser window displays.

To exit from the incognito window:

1. From your browser window, touch  **Windows**.
2. Scroll across the available windows and locate the incognito window. The Incognito icon  appears on the bottom of the new browser window while you are in this mode.
3. Touch  next to the incognito listing to delete this window.

Isis Mobile Wallet

Isis Mobile Wallet uses NFC technology to let you pay for purchases with just a tap of your phone. The Wallet holds credit, debit, and loyalty cards while organizing offers, deals, and promotions. Isis helps you manage your spending by showing you card balances and recent purchases for most of the cards in your Wallet.

Note: Isis Mobile Wallet requires a special SIM card. See your Customer Service representative for more information.

1. Make sure NFC is activated on your phone. For more information, refer to “NFC” on page 158.
2. Touch  **Isis Mobile Wallet**.

Maps

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important! Before using Google Maps you must have at least an active data (3G) connection. The Maps application does not cover every country or city.

Note: You must enable location services to use Maps. For more information, refer to “*Location*” on page 176.

Using Maps

1. Touch  **Maps**.

A map will display with your location in the very center.

2. Follow the onscreen instructions to use the Maps application.

Messaging

Send and receive text and multimedia messages.

- Touch  **Messaging**.

For more information, refer to “*Messaging*” on page 81.

Mobile Hotspot

This application allows you to share your phone’s mobile data connection via USB or as a portable Wi-Fi hotspot.

- Touch  **Mobile Hotspot**.

For more information, refer to “*Mobile Hotspot*” on page 154.

Music

Music allows you to play music files that you have stored on your phone and memory card. You can also create playlists.

- Touch  **Music**.

For more information, refer to “*Music*” on page 94.

My Files

Use My Files to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. If a file is associated with an application on your phone, you can launch the file in the application.

1. Touch  **My Files**.
2. Touch a category: All files, Images, Videos, Music, or Documents.
3. If All files is chosen:
 - Touch **Device storage** to see the contents of your internal SD card.

– or –

 - If you have an external SD card inserted, touch **SD memory card** to see the contents of your external SD card (memory card).

Note: Different folders may appear depending on how your phone is configured.

4. Touch a folder and swipe your finger on the screen to browse files.
5. Touch a file to open it, if the file is associated with an application.
6. While browsing files, use these controls:
 - To go back to the root directory, touch  **Home**.
 - To go back up to a higher directory, touch  **Up**.
 - For options, touch  **Menu**.

My Verizon Mobile

View details and manage your Verizon Wireless account.

Note: No airtime or minute charges apply when accessing My Verizon Mobile.

- Touch  **My Verizon Mobile.**

Paper Artist

This graphic application provides a user with the ability to start from either an empty canvas or by importing a picture from your Gallery or as a new image.

- Touch  **Paper Artist.**

Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites.

- Touch  **Phone.**

For more information, refer to “*Call Functions*” on page 67.

Photos

Automatically save every photo you take with your device to your Google+ account. Then it is easy to view, organize, and share them with friends and family of your choice.

Visit google.com/+/learnmore/photos to learn more.

Note: This app requires a Google Account.

- Touch  **Photos.**

Play Books

Discover more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Note: This app requires a Google Account.

- Touch  **Play Books.**

Play Games

Discover hundreds of games for download and purchase through the Google Play Store.

Visit play.google.com/store/apps/category/GAME to learn more.

Note: This app requires a Google Account.

- Touch  **Play Games.**

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you're not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Note: This app requires a Google Account.

- Touch  **Play Movies & TV.**

For more information, refer to “*Play Movies & TV*” on page 99.

Play Music

With Google Play Music, you can play music you have downloaded, and music you copied from your computer.

Visit play.google.com/about/music to learn more.

Note: This app requires a Google Account for some features.

- Touch  **Play Music.**

For more information, refer to “*Google Play Music*” on page 98.

Play Newsstand

Subscribe to your favorite magazines so you can have them available to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Note: This app requires a Google Account.

- Touch  **Play Newsstand.**

Play Store

All your favorite apps, movies and tv shows, music, books, magazines, and games are available in Google Play Store.

Visit play.google.com/store to learn more.

Note: This app requires a Google Account.

- Touch  **Play Store.**

S Memo

Record ideas instantly and freely with memos containing text, pictures, handwritten notes or drawings, and voice recordings.

1. Touch  **S Memo.**
2. To create a new memo, touch a template option:



Drawing mode: Open a memo to draw or write text.



Text mode: Open a memo to enter text with the keyboard.

S Suggest

This application provides onscreen recommendations for applications that are specifically supported and made for use on your device.

Note: Access to this feature requires that you already be signed in to your Samsung account application. For more information, refer to “*Signing In to Your Samsung Account*” on page 192.

1. Touch  **S Suggest.**
2. Read the terms and conditions.
3. Place a check mark in the **Agree** field and touch **Agree.**
4. Select an application from one of the available categories: Picks, Categories, Games, Friends, and Info.
5. Follow the onscreen download and installation instructions.

S Voice

Use S Voice to speak commands to perform operations on your phone, and to speak criteria for searches and other operations. Just speak naturally, and S Voice understands what you are looking for. Use the power of S Voice to find everything from directions to trivia answers to the current weather forecast.

1. Touch  **S Voice**.
2. Follow the onscreen instructions.
3. Touch  **Menu** → **Settings** to configure settings to your preferences.

You can launch S Voice from most unlocked screens by pressing  **Home** twice. To set this option:

1. Touch  **S Voice**.
2. Touch  **Menu** → **Settings**.
3. Touch **Open via the home key** to turn the option On.
The default setting value is **Off**.

Samsung Hub

Browse and purchase Music, Video, Books, or Games using Samsung Hub.

For more information, visit: samsung.com/us/samsunghub.

Note: Renting or purchasing content in Samsung Hub requires a Samsung account.

- Touch  **Samsung Hub**.

Samsung Hub Notices

- Any media item (Media Content) may be rented or purchased after you create an account in Samsung Hub.
- Media Content that is purchased and downloaded may be viewed concurrently on up to five (5) devices with Samsung Hub (or “the service”) that are also registered to the same account.
- You may remove a device from your account no more than once every 90 days.

- You may remove Media Content from a device as many times as you'd like. You will have the ability to re-download the Media Content later subject to content re-download availability and content provider permissions.
 - You may need network coverage to access Media Content you have acquired through the Service.
 - You can use 3G, 4G, or Wi-Fi connectivity to download Media Content.
 - Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account at a time.
 - Media Content is downloaded and saved to your authorized device's SD card. No SD Card included out of box.
 - Your Media Content may pause/stop or not download in networks where there is a weak signal.
 - You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching Media Content within the time limit set out for each piece of content (which may be as short as 24 consecutive hours).
 - Stopping, pausing or restarting rented Media Content does not extend the available viewing time.
 - In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- Unless otherwise restricted by the Content Providers, you can download Media Content to your TV using HDMI connections; otherwise, you cannot play Media Content downloaded from your mobile device output.

Samsung Link

Share media with other DLNA-certified (Digital Living Network Alliance) devices.

Visit link.samsung.com to learn more.

Note: This app requires a Samsung Account.

Important! You must first connect both of your devices to the same Wi-Fi network before using this application.

- Touch  **Samsung Link.**

Settings

Configure your device to your preferences. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

- Touch  **Settings.**

For more information, refer to “*Settings*” on page 149.

Setup Wizard

Use the Setup wizard to quickly configure your phone.

- Touch  **Setup wizard.**

Verizon Tones

Preview, purchase, and download ringtones and ringback tones.

Note: Airtime or download charges may apply.

- Touch  **Verizon Tones.**

Video

The Video application plays video files stored on your memory card.

- Touch  **Video.**

For more information, refer to “*Video*” on page 98.

Voice Recorder

Record your voice or other sounds, and share recordings via Bluetooth, Messaging, or Gmail.

- Touch  **Voice Recorder**.

Voice Search

Use voice commands to search the web with Google.

- Touch  **Voice Search**.

Voicemail

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

- Touch  **Voicemail**.

Note: For more information about setting up and checking voicemail, see “*Voicemail*” on page 92.

VZ Navigator

Use VZ Navigator[®] to find, share and navigate to millions of locations, avoid traffic and drive or walk with ease.

Note: VZ Navigator requires service activation. Contact Verizon Wireless for more information.

- Touch  **VZ Navigator**.

YouTube

View and upload YouTube videos, right from your phone.

- Touch  **YouTube**.

Section 9: Settings

This section explains the settings used for customizing your device. If settings are described in another section of this user manual, then a cross reference to that description is provided.

Accessing Settings

1. From a Home screen, touch  **Apps** →  **Settings**.

– or –

From a Home screen, touch  **Menu** → **Settings**.

– or –

From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch  **Settings**.

The Settings screen displays.

The Settings Screen

There are five major groups of settings: Wireless and networks, Device, Personal, Accounts, and System.

Some options are enabled or disabled by touching the **ON/OFF** button to turn the option ON  or OFF . For some options, you must touch the field, such as Wi-Fi, to display and set more options.

Some options are enabled or disabled by touching a check box. When enabled, a  check mark displays. Touch the check mark to remove it and disable the option.

Settings Tabs

To switch to a tab view of Settings:

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Menu** → **Switch to tab view**.

In the tab view, the Settings are listed under four main tabs: Connections, My device, Accounts, and More. When the Settings screen displays, the four tabs are located at the top of the screen.

To return to the list view of Settings:

1. From a Home screen, touch  **Apps** →  **Settings**.
2. Touch  **Menu** → **Switch to list view**.

In the list view, the Settings are listed five groups:

- **Wireless and networks:** Control your device's wireless connections.
- **Device:** Settings for your device.
- **Personal:** Use these settings to manage the personal settings for your device.
- **Accounts:** Set up and manage accounts, including Samsung, Email, Google, Backup Assistant Plus, and your social networking accounts.

- **System:** Use these settings for Motions, Voice control, Accessories, Date and time, Accessibility, About phone, and Software update.

Note: The settings for your device are described below in the order that they appear within the Settings menu in the list view.

Airplane Mode

Airplane mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important! When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

- From the **Settings** screen, touch the **ON/OFF** button to turn Airplane mode ON . At the **Turn on airplane mode** prompt, touch **OK**.

Tip: Press and hold the **Power** button then touch **Airplane mode** or, from a Home screen, touch the top of the screen and swipe downward to display the Notification Panel and then touch **Airplane mode**.

Note: When enabled, the Airplane mode icon  displays in the Status Bar.

Wi-Fi

This section describes the Wi-Fi settings. For information on how to use Wi-Fi, see “*Wi-Fi*” on page 113.

Activating Wi-Fi

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. Touch **Scan** to scan for available Wi-Fi networks

For more information, refer to “*Wi-Fi*” on page 113.

Activating Wi-Fi Direct

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

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.

For more information, refer to “*Wi-Fi Direct*” on page 116.

Bluetooth

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

1. From the **Settings** screen, touch **Bluetooth**.
2. Touch the **ON/OFF** button to turn Bluetooth ON .

Note: When enabled, the Bluetooth icon  displays in the Status Bar.

For more information, refer to “*Bluetooth*” on page 117.

Data Usage

From this screen you can view your Mobile data usage and turn your Mobile data capability On or Off.

1. From the **Settings** screen, touch **Data usage**.
2. Touch **Mobile data** to turn Mobile data usage On.
3. Touch **Limit mobile data usage** to allow a data limit to be set.
Touch and drag the red limit bar to the desired GB limit.
4. Touch **Alert me about data usage** to set your device to alert you when mobile data usage reaches the warning limit you set. Touch and drag the orange warning line on the displayed graph to set the data usage warning limit.

5. Touch the **Data usage cycle** drop-down menu and select a date.

The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of how much data was used per application.

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

6. Touch  **Menu** to display additional options. Touch to activate.
 - **Data roaming:** Enables data roaming on your device.
 - **Restrict background data:** Restricts some apps and services from working unless you are connected to a Wi-Fi network.
 - **Auto sync data:** Automatically sync accounts.
 - **Show Wi-Fi usage:** Display a Wi-Fi tab that shows Wi-Fi usage.
 - **Mobile hotspots:** Display available mobile hotspots.
 - **Show units:** Select how data amounts are displayed.

More Settings

This option displays additional Connectivity information.

- From the **Settings** screen, touch **More settings**.

The following options display.

Default Messaging App

Select the messaging app that your phone is to use by default to receive your incoming messages.

1. From the **Settings** screen, touch **More networks** → **Default messaging app**.
2. Select **Messaging** or **Hangouts**.

Printing

Select a Wi-Fi-connected printer to print files from your phone.

1. From the **Settings** screen, touch **More networks** → **Printing**.
2. Touch the desired print service and follow the prompts.

Mobile Networks

Set options for network selection and data service.

Important! Depending on your service plan, changes you make to mobile networks settings may incur extra charges. Consult Verizon Wireless for information.

1. From the **Settings** screen, touch **More settings** → **Mobile networks**.
2. Set these options:
 - **Mobile data:** Enable or disable your device's connection to the mobile data network. You can also control this setting at Notifications with the Mobile data setting.
 - **Global Data Roaming Access:** Enable or disable connection to data services when your device is roaming on another network.
 - **Roaming:** (Not configurable) Current roaming status.
 - **Signal strength:** (Not configurable) Current signal strength.
 - **Network mode:** Choose a preferred network mode.

- **Access Point Names:** Configure wireless network access.
- **Network operators:** Configure network operators.

Mobile Hotspot

Use Mobile Hotspot to share your phone's internet connection with up to 10 WiFi-enabled devices using 4G, or 5 devices using a 3G connection.

You can control whether devices connect to your Mobile Hotspot with the Allowed device list.

For more information about using your phone as a mobile hotspot, see “*Mobile Hotspot*” on page 122. You can also access Mobile Hotspot with the  **Mobile Hotspot** app.

Note: Mobile Hotspot may require a subscription to Mobile Hotspot/Mobile Broadband Connect service. For more information, contact Verizon Wireless.

Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Turning Mobile Hotspot On or Off

1. From the **Settings** screen, touch **More settings** → **Mobile Hotspot**.
2. Touch the **ON/OFF** button to turn Mobile Hotspot ON  or OFF .

Note: Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Configuring Mobile Hotspot

1. From the **Settings** screen, touch **More settings** → **Mobile Hotspot**.
2. Touch **Configure** for these options:
 - **Network SSID:** View and change the name of your mobile hotspot.
 - **Hide my device:** When enabled, your mobile hotspot is not visible to other Wi-Fi devices during a scan. Other devices can still connect to your mobile hotspot, but will have to set up the connection manually with your Network SSID and Password.
 - **Security:** Choose the security level for your Mobile Hotspot.
 - **Password:** If you choose a security level that uses a password, enter the password. By default, the password is your mobile telephone number.
 - **Show password:** Enable to make the Password field visible.
 - **Show advanced options:** Enable to access advanced options, including Broadcast channel, to specify the channel your device uses for Mobile Hotspot.

Allowed Device List

Control whether devices connect to your Mobile Hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's mobile hotspot name and password.

Note: Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

1. From the **Settings** screen, touch **More settings** → **Mobile Hotspot**.
2. Touch **Allowed devices**.
3. Touch  **Add device** then enter the other device's Device name and MAC address.
4. Touch **OK** to add the device to the Allowed devices.

Tip: For information about connecting to your Mobile Hotspot, see *“Connecting a Device with Mobile Hotspot”* on page 123.

Tethering

Use Tethering to share your phone's internet connection with a computer that connects to your device with a USB cable or by Bluetooth.

For more information about connecting computers to your phone by Tethering, see *“Tethering”* on page 124.

1. From the **Settings** screen, touch **More settings** → **Tethering**.
2. Choose a tethering method:
 - **Mobile Broadband Connect:** Connect the computer to the phone with a USB cable, then touch **Mobile Broadband Connect** to turn tethering On or Off.
 - **Bluetooth tethering:** Use Bluetooth to pair your phone with the computer. Consult the computer's documentation for more information about configuring your computer to pair with Bluetooth. Touch **Bluetooth tethering** to turn tethering On or Off.

Note: Using Mobile Broadband Connect tethering requires a subscription to Mobile Hotspot/Mobile Broadband Connect service. For information, contact Verizon Wireless.

- **Help:** Find more information about Mobile Broadband Connect and Bluetooth tethering.

VPN

Set up and manage Virtual Private Networks (VPNs).

Adding a VPN

1. From the **Settings** screen, touch **More settings** → **VPN**.

Note: You must enable a screen unlock pattern, PIN, or password before you can use credential storage. For more information, refer to “*Screen Lock*” on page 177.

Adding a Basic VPN

1. Touch **Basic VPN** and then touch  **Add**.
2. Enter the configuration information and then touch **Save**.

Adding an Advanced IPsec VPN

1. Touch **Advanced IPsec VPN**.
2. Touch  **Add VPN Connection**.
3. Enter a password, confirm the password, and touch **OK**.
4. Enter the IPsec configuration information, then touch Show advanced options to configure additional options.
5. Touch **Save** to save your VPN settings.

NFC

Use NFC (Near Field Communication) to share information between your phone and another NFC device by touching the devices together, typically back-to-back. This is used for applications such as Android Beam and S Beam.

1. From the **Settings** screen, touch **More settings** → **NFC**.
2. Touch the **ON/OFF** button to turn NFC ON .

Android Beam

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

1. From the **Settings** screen, touch **More settings** → **NFC**.
2. Touch the **ON/OFF** button to turn NFC ON .
3. Touch the **ON/OFF** button to turn **Android Beam** ON .
4. Touch the back of your device with another NFC-capable device to transfer the content.

Tap and Pay

Use your device and a payment app (such as ISIS Wallet) to pay for items by tapping it to contactless payment terminal at thousands of merchants.

1. From the **Settings** screen, touch **NFC**.
2. Touch the **ON/OFF** button to turn NFC ON . NFC must be on to use Tap and Pay.
3. Touch **Tap and Pay** to set up and access your payment apps.

S Beam

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

1. From the **Settings** screen, touch **More settings**.
2. Touch the **ON/OFF** button to turn S Beam ON .
3. Touch the back of your device with another NFC-capable device to transfer the content.

Nearby Devices

Share your media files with nearby using DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

1. Connect to a Wi-Fi network. For more information, refer to “*Activating Wi-Fi*” on page 151.
1. From the **Settings** screen, touch **More settings** → **Nearby devices**.
2. Touch the **ON/OFF** button to turn Nearby devices ON  and activate file sharing.
The device name displays under Device name. The default is the model number: SCH-I535.

Note: When enabled, the Nearby devices icon  displays in the Status Bar.

In the Advanced section, set the following options:

- **Shared contents:** Select the content to share. Choices are: Videos, Photos, and Music.
- **Allowed devices:** Indicate the devices accessible to your device.

- **Blocked devices:** Indicate the devices not accessible to your device.
- **Download to:** Set whether to download data to Device or SD card.
- **Download from other devices:** If a nearby device attempts to download data, this setting indicates the response. Options are: Always accept, Always ask, and Always reject.

Screen Mirroring

Use the Screen Mirroring feature to share media files on your phone with an HDMI device, such as an HDMI TV.

Note: This feature requires an optional AllShare Cast dongle accessory. See your Verizon Customer Service Representative for more information.

1. From the **Settings** screen, touch **More settings** → **Screen Mirroring**.
2. Connect the AllShare Cast dongle to the HDMI device using an HDMI A-to-A cable.
3. Press  **Menu** → **Help** for Screen Mirroring help information.

Home Screen Mode

Home screen mode allows you to set your display to the conventional layout of **Standard mode** or provide an easier user experience for the first-time smartphone users using **Easy mode**.

1. From the **Settings** screen, touch **Home screen mode**.
2. Touch the radio button to select one of these options:
 - **Standard mode:** Use a conventional layout for the apps and widgets on your home screens.
 - **Starter mode:** Use an easier user experience for first-time smartphone users on the home screens.
3. Touch **Apply**.

Blocking Mode

When Blocking mode is enabled, notifications for selected features are disabled. You only receive notifications of incoming calls from people on your allowed list.

1. From the **Settings** screen, touch **Blocking mode**.
2. Touch the **ON/OFF** button to turn Blocking mode ON .

Note: When enabled, the Blocking mode active icon  displays in the Status Bar.

3. Touch **Block incoming calls**, **Turn off notifications**, **Turn off alarm and timer**, or **Turn off LED indicator** to place a green check mark adjacent to those features you would like to enable.
4. Configure a timeframe for these features to be active. Remove the check mark from the **Always** field to configure the **From** and **To** time fields.
5. Touch **Allowed contacts** to assign those contacts that are exempted from these rules. Choose from None, All contacts, Favorites, or Custom. Allowed contacts will then appear in the **Allowed contact list**.

Hands-Free Mode

When Hands-free mode is enabled, incoming calls and notifications are read out automatically.

1. From the **Settings** screen, touch **Hands-free mode**.
2. Touch the **ON/OFF** button to turn Hands-free mode ON .

Note: When enabled, the Hands-free mode icon  displays in the Status Bar.

3. Touch **Incoming call**, **Messages**, **Alarm**, or **Calendar event info** to enable notifications to be read out automatically.

Note: You can disable Hands-free mode by saying “Hands-free mode off” while in S voice, by accessing the Settings menu and touching the **ON/OFF** button to turn Hands-free mode OFF , or by using the Notification Panel.

Call

To access the Call settings menu:

- From the **Settings** screen, touch **Call**.

– or –

From a Home screen, touch  **Phone** →

 **Menu** → **Call settings**.

Call Block

Set up call blocking for incoming and outgoing calls.

1. From the **Settings** screen, touch **Call** → **Call block**.
2. Touch **Block calls** and touch one of the following options:
 - **Off**: Turn Auto reject mode off.
 - **All numbers**: Reject all calls.
 - **Call block list only**: Block all calls in your Call block list.

3. Touch **Call block list**.

- Touch  **Create** to manually add numbers to the Call block list.
- Touch **Unknown number**, to create a check mark and automatically reject all calls that are not in your Contacts list.

Set Rejection Messages

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

2. Touch  **Create** to manually add a reject message.
– or –

Touch one of the pre-written messages to be displayed when you want the call to be rejected. You can edit the message if desired.

Touch **Save** to save the reject message.

3. Touch  **Delete** to remove messages.

Answering and Ending Calls

- From the **Settings** screen, touch **Call** → **Answering/ending calls**.

The following options are available:

- **The home key answers calls:** Accept incoming calls by pressing the Home key.
- **Voice control:** Accept incoming calls by using your voice.
- **The power key ends calls:** End a call by pressing the power key without turning off the screen.

Turn Off Screen During Calls

This option turns on the proximity sensor during calls so that your phone will know to turn the screen off to save power.

- From the **Settings** screen, touch **Call** → **Turn off screen during calls** to create a check mark and enable the feature.

Call Alerts

1. From the **Settings** screen, touch **Call** → **Call alerts**.
2. Touch the following options to create a check mark and activate the features:
 - **Vibrate on connection to network:** The device vibrates when it connects to the network.
 - **Call-end vibration:** Enables your phone to vibrate when the call ends.
 - **Call connect tone:** Plays a tone when a call is connected.
 - **Minute minder:** Beeps twice every minute that you are on a call.
 - **Call end tone:** Plays a tone when a call is ended.
 - **Alerts on call:** Turns on alarm and message notifications during a call.

Call Accessories

- From the **Settings** screen, touch **Call** → **Call accessories**.

The following options are available:

- **Automatic answering:** Automatically answer an incoming call when a headset is detected.
- **Automatic answering timer:** Configure the time delay before the device automatically accepts the incoming call.
- **Outgoing call conditions:** Make calls even when the device is locked.

Call Forwarding

- From the **Settings** screen, touch **Call** → **Call forwarding**.

The following options are available:

- **Turn on call forwarding:** Enables the Call forwarding feature.
- **Turn off call forwarding:** Disables the Call forwarding feature.

Ringtones and Keypad Tones

Choose tones and/or vibration to play for incoming calls and keypad touches.

- From the **Settings** screen, touch **Call** → **Ringtones and keypad tones**.

The following options are available:

- **Ringtones:** Choose a default ringtone for incoming calls.
- **Vibrations:** Choose a vibration pattern, or create your own pattern, to play for incoming calls when Incoming call vibration is turned On. Vibration plays along with the ringtone, if Silent mode is not enabled.
- **Vibrate when ringing:** When enabled, the Device vibration plays for incoming calls.
- **Dialing keypad tone:** When enabled, sounds play when you touch the Phone keypad.

Personalize Call Sound

Choose options for call audio, in cases where you might need the sound softer or more clear, or optimized for your right or left ear. These are the defaults, but you can change them during a call by touching  **Menu** → **My call sound**.

- From the **Settings** screen, touch **Call** → **Personalize call sound**.

The following options are available:

- **In-call sound EQ:** The In-call sound equalizer is used to set your call sound during calls. Select from Off, Soft sound, Clear sound, Adapt Sound left, or Adapt Sound right.
- **Adapt Sound:** Customize your sounds. Follow the onscreen instructions to set up your personal call sound.

Noise Reduction

This option helps to suppress background noise from your side during a call.

- From the **Settings** screen, touch **Call** → **Noise reduction** to create a check mark and enable the feature.

Increase Volume in Pocket

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

- From the **Settings** screen, touch **Call** → **Increase volume in pocket**.

Voicemail Service

1. From the **Settings** screen, touch **Call** → **Voicemail service**.

Voicemail service provided by your carrier is the default.

2. Touch **My carrier** to remove the carrier Voicemail service.

Voicemail Settings

You can view or modify your voicemail number from this menu.

1. From the **Settings** screen, touch **Call** → **Voicemail settings**.
2. Touch the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch **OK**.
3. Touch **OK**.

Sound

You can select a unique ringtone for Voicemail alerts.

1. From the **Settings** screen, touch **Call** → **Sound**.
2. Touch a ringtone to hear it played.
3. Select a ringtone and touch **OK**.

Vibrate

This option allows you select vibration settings for Voicemail alerts.

1. From the **Settings** screen, touch **Call**.
2. Touch **Vibrate** to create a check mark and activate the Vibrate feature.

Other Call Settings

- From the **Settings** screen, touch **Call** to configure the following additional options.
 - **Current country**: Choose the country you are in. This is used in Assisted dialing.
 - **Assisted dialing**: When turned On, your phone automatically dials appropriate codes and prefixes for international calls. Touch the **ON/OFF** button to turn the option ON , then touch Assisted dialing to configure settings.
 - **Auto retry**: When enabled, the device automatically redials a call if it receives a busy signal from the network.

- **TTY mode:** Choose a TTY mode to enable TTY mode, for use with optional TTY equipment.
- **DTMF tones:** Set the length of Dual-Tone Multi-frequency tones, which play when you use the keypad during a call, such as when navigating device menus.
- **Voice privacy:** Enable or disable Enhanced voice privacy, to improve the security of phone calls.

3. Touch **OK**.

Sound

From this menu you can control the sounds on the phone.

- From the **Settings** screen, touch **Sound**.

The following options display:

Volume

The Volume option allows you to change the volume for all phone sounds in one easy location.

1. From the **Settings** screen, touch **Sound → Volume**.
2. Touch and drag the slider to adjust the sound volume for Ringtone, Music, video, games and other media, Notifications, and System.

Vibration Intensity

Set the level of vibration intensity for incoming calls, notifications, and haptic feedback.

1. From the **Settings** screen, touch **Sound**.
2. Touch **Vibration intensity**.
3. Touch and drag the sliders for Incoming call, Notifications, and Haptic feedback.
4. Touch **OK**.

Ringtones

This option allows you to set the ringtone.

1. From the **Settings** screen, touch **Sound**.
2. Touch **Ringtones**.
3. Touch a ringtone and touch **OK**.

– or –

Touch **Add** to select a file from your music files.

Vibrations

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

1. From the **Settings** screen, touch **Sound**.
2. Touch **Vibrations**.
3. Select a vibration pattern and touch **OK**.

– or –

Touch **Create** and follow the onscreen instructions to create your own vibration.

Notifications

This option allows you to set the sound that will occur for notifications and alarms.

1. From the **Settings** screen, touch **Sound**.
2. Touch **Notifications**.
3. Touch a ringtone and touch **OK**.

Vibrate When Ringing

This option allows you to enable your phone to vibrate whenever it rings.

1. From the **Settings** screen, touch **Sound**.
2. Touch **Vibrate when ringing** to create a check mark and enable the feature.

Feedback

The feedback tone settings are used when you use the dialing pad, make a screen selection, lock your screen, or touch the screen.

1. From the **Settings** screen, touch **Sound**.
2. Touch any of the following options to create a check mark and activate the feature:
 - **Dialing keypad tone:** Makes a sound when you touch a key on the keyboard.
 - **Touch sounds:** Makes a sound when you touch the screen.
 - **Screen lock sound:** Makes a sound when your screen is locked or unlocked.

- **Haptic feedback:** Vibrate the phone when softkeys are touched, and for certain software actions.
- **Emergency Tone:** Set a sound option for emergency calls. Options are:
 - **Off:** No tone or vibration plays during emergency calls.
 - **Alert:** A tone plays during emergency calls.
 - **Vibrate:** A vibration plays during emergency calls.

Samsung Applications

Access sound settings for select applications on your phone.

1. From the **Settings** screen, touch **Sound**.
2. Touch any of the following options to display sound settings for the application:
 - **Call:** see “*Call*” on page 162.
 - **Message:** see “*Messaging Settings*” on page 86.
 - **Email:** see “*Using Email*” on page 87.
 - **Calendar:** see “*Calendar*” on page 131.

Samsung Keyboard

Set the keyboard sounds.

1. From the **Settings** screen, touch **Sound**.
2. Touch either of the following options to create a check mark and activate the feature:
 - **Sound when tapped**: Enables auditory feedback when you touch an onscreen key.
 - **Vibrate when tapped**: Vibrate the phone when a softkey is touched.

HDMI

To set the HDMI (High-Definition Multimedia Interface) audio setting.

1. From the **Settings** screen, touch **Sound**.
2. Touch **Audio output**.
3. Touch **Stereo** or **Surround** to set the audio output setting.

Display

In this menu, you can change various settings for the display.

- From the **Settings** screen, touch **Display**.

The following options display:

- **Wallpaper**: Set the Wallpaper for your Home screen, Lock screen, or both. For more information, refer to *“Changing the Wallpaper”* on page 41.
- **LED indicator**: Turn on your LED lights for charging, low battery, notifications, and voice recording.
- **Notification panel**: Set the brightness of your notification panel and also select the quick setting buttons that you want to display at the top of the notification panel. For more information, refer to *“Notification Panel”* on page 22.
- **Multi window**: Enable or disable the Multi window feature.
- **Page buddy**: Allow context-related pages to be created on the Home screen. You can select Earphones page, Docking page, and Roaming page. Touch **Page buddy help** for more information. Touch the **ON/OFF** button next to Page buddy to turn it ON .

- **Brightness:** Configures the LCD Brightness levels. Drag the slider and touch OK.
- **Auto rotate screen:** Switch the display orientation automatically when you rotate the phone.
- **Screen timeout:** Adjust the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, and 10 minutes.
- **Daydream:** Control what your screen does when your device is docked or sleeping. Touch the **ON/OFF** button to turn the option ON . Follow the onscreen instructions.
- **Smart screen:** The Smart screen option allow you to customize your screen settings to make the screen more responsive and easier to use.
 - **Smart stay:** Disables the screen timeout if your phone detects that your face is watching the screen.
 - **Smart rotation:** Rotate the screen based on the orientation of your face.
- **Font style:** Set the font style that your phone will use. You can also touch Get fonts online to choose from a wider selection.
- **Font size:** Select which size of font displays.
- **Touch key light duration:** Adjust the delay before the Touch key light automatically turns off.
- **Show battery percentage:** See the battery charge percentage next to the battery charge icon at the top of the display.
- **Auto adjust screen tone:** Save power by adjusting the screen tone according to an analysis of the images.

Storage

From this menu you can view the memory allocation for the memory card and USB as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see “*Memory Card*” on page 44.

To view the memory allocation for your external SD card:

- From the **Settings** screen, touch **Storage**.
The available memory displays under the **Total space** and **Available space** headings for both Device memory and SD card.

SD Card

- Touch **Unmount SD card** to unmount your SD card so that you can safely remove it, then touch **OK**.
– or –
- 1. Touch **Format SD card** to format your SD card. This will delete all data on your SD card including music, videos, and photos.
- 2. Touch **Format SD card** again.
- 3. Touch **Delete all** to continue or touch  **Back** to cancel.

Note: The **Format SD card** option is only available when your SD card is mounted.

Power Saving Mode

Power saving mode allows you to manage your phone to conserve power.

1. From the **Settings** screen, touch **Power saving mode**.
2. Touch the **ON/OFF** button to turn Power saving mode ON .
3. Touch the following options to create a check mark and conserve power:
 - **CPU performance**: Limit the maximum performance of the CPU to save power.
 - **Screen output**: Lower the screen power level.
 - **Disable haptic feedback**: Conserve power by not using haptic feedback.
4. Touch **Learn about power saving** to display tips for conserving battery power.

Battery

See how much battery power is used for device activities.

1. From the **Settings** screen, touch **Battery**.

The battery level displays as a percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.
2. Touch **Show battery percentage** to display the battery charge percentage next to the battery charge icon in the Status Bar at the top of the display.
3. Touch **Screen, Android System, Android OS, Cell standby**, or any other listed application to view how it is affecting battery use.

Note: Other applications may be running that affect how your battery is being used.

Application Manager

You can download and install applications from Play Store or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From the **Settings** screen, touch→ **Application manager**.
2. Swipe across the screen and highlight the **DOWNLOADED, SD CARD, RUNNING, or ALL** tab to display memory usage for that category of applications.

The graph at the bottom of the **DOWNLOADED** tab shows used and free device memory. The graph at the bottom of the **RUNNING** tab shows used and free RAM.

Application Information

1. Swipe across the screen and highlight the **DOWNLOADED, SD CARD, or ALL** tab to view a list of all the downloaded applications on your device, all applications stored on your SD card, or all applications on your device.
2. Touch  **Menu** for these options:
 - **Sort by size / Sort by name:** Display the apps by size or by name.
 - **Sort by date:** Display the apps by date.
 - **Reset app preferences:** Reset your application preferences as indicated on the Reset app preferences? pop-up. Touch **Reset apps** or **Cancel**.
 - **Uninstall multiple:** Uninstall multiple applications.
3. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From the **Settings** screen, touch **Application manager**.
2. Swipe across the screen and highlight the **RUNNING** tab to display all the applications currently running on your phone.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information. The following options display:
 - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report**: Report failure and other application information.
-

Note: Options vary by application.

Default Applications

Select default settings for the Home screen and for messaging.

1. From the **Settings** screen, touch **Default applications**.
2. To select the default Home screen format, touch **Home**. Select **TouchWiz easy home** or **TouchWiz home**.
3. To select the default messaging app, touch **Messages**. Select **Messaging** or **Hangouts**.

Location

The Location settings allow you to set up how the phone will determine your location and the sensor settings for your phone.

1. From the **Settings** screen, touch **Location**.
2. Touch the **ON/OFF** button to turn Location services ON .
3. Touch any of the following options to activate:
 - **E911**: View only field. You cannot turn off E911 Location on any cell phone. E911 location service is standard on all mobile phones, to allow sharing of your GPS location with emergency personnel when you make a call to emergency services (such as 911).
 - **Mode**
 - **High accuracy**: Uses GPS, Wi-Fi, and mobile networks to estimate your location. This option must be enabled to use some applications. Select this option to enable Verizon Wireless and third-party authenticated and validated location-enabled services access to certain location information available through this device and/or the network.

- **Power saving**: Uses Wi-Fi and mobile networks to estimate your location.
 - **GPS only**: Uses GPS to estimate your location.
 - **Recent location requests**: Lists apps and functions that have recently requested your location.
 - **Google Location Reporting**: Touch to access Google location settings (Location Reporting and Location History).
4. Touch **My places**, and then touch **Home**, **Office**, or **Car** so your phone can recognize your location at these locations and provide the information to a variety of location-based services such as Story Album, S Voice, and more.

Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see “Securing Your Phone” on page 17.

Screen Lock

1. From the **Settings** screen, touch **Lock screen** → **Screen lock**.

The following options display:

- **Swipe:** Swipe the screen to unlock it.
- **Face unlock:** Look at your phone to unlock it.
- **Face and voice:** Look at your phone and speak to unlock.
- **Pattern:** A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
- **PIN:** Select a PIN to use for unlocking the screen.
- **Password:** Create a password for unlocking the screen.
- **None:** No pattern, PIN, or password is required. The screen will never lock.

Lock Screen Options

Activate or deactivate various Unlock screen functions.

Note: The Lock screen options will differ depending on what type of Screen Lock you select in Step 2.

1. From the **Settings** screen, touch **Lock screen**.
2. The following options are available depending on the Screen Lock type that you have selected:

Swipe Options

- **Multiple widgets:** Display multiple widgets on your lock screen. Appears as an option after a lock mode is enabled.
- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Shortcuts:** Set shortcuts to appear at the bottom of the Lock screen. Touch the **ON/OFF** button to turn it ON .
- **Unlock effect:** Set the effect you receive when unlocking the phone. You can select None, Ripple effect, or Light effect.

- **Help text:** Show help information on the Lock screen.
- **Wake up in lock screen:** Requires you to say a command to wake-up your phone.
- **Set wake-up command:** Designate your wake-up commands. Touch this option and follow the onscreen prompts to create a new verbal command.

Face Unlock Options

- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Improve facial recognition:** Improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the onscreen instructions.
- **Presence check:** Requires you to blink when using the Face unlock feature. This will increase the security of the feature.
- **Lock automatically:** The screen automatically locks five seconds after the screen turns off.
- **Lock instantly with power key:** When enabled, the phone instantly locks when you press the Power key.

- **Auto factory reset:** If you fail to enter the correct password after 10 attempts, a factory reset will be performed.

Pattern Options

- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Make pattern visible:** See the pattern as you draw it.
- **Lock automatically:** The screen automatically locks five seconds after the screen turns off.
- **Lock instantly with power key:** When enabled, the phone instantly locks when you press the Power key.
- **Auto factory reset:** If you fail to enter the correct password after 10 attempts, a factory reset will be performed.

PIN and Password Options

- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Lock automatically:** The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key:** When enabled, the phone instantly locks when you press the power key.
- **Auto factory reset:** If you fail to enter the correct PIN or password after 10 attempts, a factory reset will be performed.

Security

The Security settings allow you to determine the security level for your phone.

Encryption

To require a numeric PIN or password to decrypt your phone each time you power it on or encrypt the data on your SD card each time it is connected:

1. From the **Settings** screen, touch **Security**.
2. You must first set up a screen lock type if you have not already done so. For more information, refer to “*Screen Lock*” on page 177.
3. Touch **Encrypt device**. For more information, read the displayed help screen.
4. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption may take an hour or more.

Set Up SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone will ask for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the **Settings** screen, touch **Security**.
2. Touch **Set up SIM card lock**.
3. Touch **Lock SIM card**, enter your SIM PIN code, then touch **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Touch **Change SIM PIN**.
5. Enter your old SIM PIN code and touch **OK**.
6. Enter your new SIM PIN code and touch **OK**.
7. Re-type your new SIM PIN code and touch **OK**.

Forgotten SIM PIN Password

If you enter the wrong SIM PIN more than 3 times, you will need to contact your Verizon Customer Service Representative to get the PUK code for your device.

1. Each time you enter a wrong SIM PIN number the phone will display how many attempts you have remaining.
2. After the third incorrect attempt, the **Type PUK and new PIN code** screen displays and your SIM card is locked.
3. Enter the new PUK code that you received from your Verizon Customer Service Representative in the **PUK code** field.
4. Enter a new PIN code in the **Enter a new PIN** field and touch **OK**.
5. Enter the new PIN code again in the **Confirm your new PIN** field and touch **OK**.

Note: While your SIM PIN is locked, you will still be able to make Emergency calls if necessary.

Make Passwords Visible

When enabled, password characters display briefly as you touch them while entering passwords.

1. From the **Settings** screen, touch **Security**.
2. Touch **Make passwords visible** to create a check mark and enable or disable the display of password characters.

Device Administrators

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

Some of the features a device administration application might control are:

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

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

1. From the **Settings** screen, touch **Security**.
2. Touch **Device administrators**.
3. Select a device administrator and follow the prompts. If no device administrators are listed, you can download them from the Play Store.

Unknown Sources

This feature allows you to download and install non-Market applications.

1. From the **Settings** screen, touch **Security**.
2. Touch **Unknown sources**.
A check mark displays to indicate it is active.

Warning! Enabling this option causes your phone and personal data to be more vulnerable to attack by applications from unknown sources.

Verify Apps

This feature allows you to either block or warn you before installing apps that may cause harm to your phone.

1. From the **Settings** screen, touch **Security**.
2. Touch **Verify apps**.

A check mark displays to indicate it is active.

Security Update Service

To set security update service settings:

1. From the **Settings** screen, touch **Security**.
2. Touch **Security policy updates** to automatically check for changes to the security policy and download any updates to improve security and service.
3. Touch **Send security reports** to send security reports to Samsung, using Wi-Fi, for threat analysis.

Credential Storage

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From the **Settings** screen, touch **Security**.
2. Touch **Storage type** to set a storage type for credential contents.
3. Touch **Trusted credentials**.
 - The trusted credentials screen has two tabs:
 - **System**: Display CA certificates that are permanently installed in the ROM of your device.
 - **User**: Display any CA certificates that you installed, for example, in the process of installing a client certificate.
 - Touch a CA certificate to examine its details. A scrolling screen displays the details.
 - Scroll to the bottom of the details screen and touch **Turn off** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Turn off** button changes to **Turn on**, so you can enable the certificate again, if necessary.

- Touch **OK** to return to the certificate list.

4. Touch **Install from device storage**, then choose a certificate and follow the prompts to install encrypted certificates stored on the USB storage.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

5. Touch **Clear credentials** to erase the credential contents from the device and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

Language and Input

Use this menu to configure the language used to display text on your phone and to set onscreen keyboard options.

- From the **Settings** screen, touch **Language and input**.
The following options display.

Language

To change the language used by your device:

1. From the **Language and input** screen, touch **Language**.
2. Touch a language from the list.

Keyboards and Input Methods

To change the keyboard used by your device:

1. From the **Language and input** screen, touch **Default** and select a keyboard.

Select **Samsung keyboard** or **Swype**.

– or –

Touch **Set up input methods**.

2. Touch  **Settings** next to the input method that you would like to configure.

Depending on the input method selected, the appropriate settings display and are explained below.

Samsung Keyboard

To configure the Samsung keyboard:

- From the **Language and input** screen, touch  next to **Samsung keyboard**.

The following options are available:

Input languages

- **English(US)**: Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
- **Select input languages**: Set the input language. Touch a language from the available list. The keyboard is updated to the selected language.

Smart typing

- **Predictive text**: Enable predictive text entry mode. This must be enabled to gain access to the advanced settings. Touch and hold to access the advanced settings. Touch the **ON/OFF** button to turn Predictive text ON . The following options are available:
 - **Personalized data**: Use personal language that you have added to make your prediction results better.
 - **Learn from Gmail**: When logged in to your Gmail account, the phone learns from your Gmail style.
 - **Learn from Facebook**: When logged in to Facebook, the phone learns from your Facebook style.
 - **Learn from Twitter**: When logged in to Twitter, the phone learns from your Twitter style.
 - **Learn from Messages**: Set the phone to learn from your Messages.
 - **Learn from Contacts**: Set the phone to learn from your Contacts.
 - **Clear personalized data**: Remove all personalized data that you have entered.

- **Auto replacement:** Complete or replace the word you are typing with the most probable word when you touch the space bar. Touch the **ON/OFF** button to turn it ON .
- **Auto capitalization:** Automatically capitalize the first letter of the first word in each sentence (standard English style).
- **Auto spacing:** Automatically insert spaces between words.
- **Auto-punctuate:** Automatically insert a full stop in a sentence by touching the space bar twice when using the onscreen QWERTY keyboard.

Keyboard swipe

- **None:** Turn Keyboard swipe off.
- **Continuous input:** Type words by swiping between onscreen keys.
- **Cursor control:** Move the cursor by sliding your finger across the keyboard.

Key-tap feedback

- **Sound:** Enable or disable auditory feedback when you touch an onscreen key.
- **Vibration:** Vibrate the device when a key is touched.
- **Character preview:** Provide an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.

More settings

- **Tutorial:** Learn about Samsung Keyboard.
- **Reset settings:** Reset the keyboard settings back to their original configuration.

Swype

To configure Swype settings:

- From the **Language and input** screen, touch  next to **Swype** to display the following options:
 - **Settings:** Configure basic Swype settings. When an option is enabled, a check mark  appears in the check box.
 - **Themes:** Set keyboard options.
 - **My Words:** Set options for managing your dictionary and data.
 - **Languages:** Manage the language used for Swype. The default language is English. Touch **Download languages**, to download additional languages.
 - **Gestures:** Display helpful information on using gestures while using Swype.
 - **Help:** Touch **How to Swype** to view an onscreen manual for Swype. Touch **Show helpful tips** for more Swype information.
 - **Updates:** Check for available Swype updates.

Google Voice Typing

To configure Google voice typing:

- From the **Language and input** screen, touch  next to **Google voice typing**.

The following options are available:

- **Block offensive words:** Create a check mark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
- **Offline speech recognition:** Enables voice input while offline.

Voice Search

Use this menu to set the speech settings for Voice input.

- From the **Language and input** screen, touch **Voice search** to configure the following:
 - **Language:** Choose a language for your voice input.
 - **“Ok Google” hotword detection:** Enable to launch voice search by saying the word “OK Google”. Touch the **OFF/ON** button to turn Hotword detection ON  ON.
 - **Speech output:** Sets whether you will use speech output always or only when using hands-free.
 - **Block offensive words:** Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
 - **Offline speech recognition:** Enables voice input while offline.
 - **Personalized recognition:** Enable to improve speech recognition accuracy.
 - **Bluetooth headset:** Record audio through a Bluetooth headset, if available.

Text-to-Speech Options

Voice output provides audible readout of text, for example, the contents of email messages.

1. From the Language and input screen, touch **Text-to-speech options** and select the preferred TTS engine, **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.
2. Touch  next to the preferred TTS engine and configure.
3. Under General, configure the following:
 - **Speech rate:** Set the speed at which the text is spoken.
 - **Listen to an example:** Play a sample of speech synthesis (available if voice data is installed).
 - **Default language status:** Display the default language in use.

Pointer Speed

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From the **Language and input** screen, touch **Pointer speed**.
2. Drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Back Up and Reset

The Back up and reset settings allow you to back up your data, back up accounts, automatically restore your phone, and reset your phone settings to the factory settings.

- From the **Settings** screen, touch **Back up and reset**.

The following options display:

- **Back up my data:** By setting this option, the Google server will back up all of your settings and data, such as application data, Wi-Fi passwords, and other settings, to the Google server.
- **Backup account:** If you have enabled the **Back up my data** option, then the **Backup account** option is available. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.
- **Automatic restore:** By setting this option, when you reinstall an application, all of your backed up settings and data will be restored from the Google server.

Factory Data Reset

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

1. From the **Settings** screen, touch **Back up and reset**.
2. Touch **Factory data reset**.

The Factory data reset screen displays reset information.

3. Touch **Reset device**, then follow the prompts to perform the reset.

Warning! Performing a Factory data reset will erase all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software, bundled applications, and external SD card files such as music and photos.

Reset Settings

To reset system settings back to their default values:

1. From the **Settings** screen, touch **Back up and reset**.
2. Touch **Reset settings**.

Backup Assistant Plus

Backup Assistant Plus is a free service that protects your contacts by saving to a secure web site. If your phone is lost, stolen or damaged, or if you change phones, Backup Assistant can restore your saved contacts to a new phone, wirelessly. Schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting, and editing.

Visit verizonwireless.com/baplus, or contact Verizon Wireless for more information.

- From the **Settings** screen, touch **Backup Assistant Plus**.

– or –

From a Home screen, touch  **Contacts** →

 **Menu** → **Backup**.

Add Account

Use this option to set up, manage, and synchronize accounts, including your Google and email accounts.

For more information about managing accounts, see “Accounts” on page 51.

Adding an Account

1. From the **Settings** screen, touch **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

A green button appears next to the account type once you have created an account. Your accounts are also displayed in the **Accounts** section of the Settings menu.

Synchronizing Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From the **Settings** screen, touch the account type, which is located in the **Accounts** section.
2. Touch the account name.
 - Touch the items you want to synchronize with your account to create a check mark then touch **Sync now**. This includes items such as app data, calendar, contacts, gmail or email, photos, and so on.
Note: The items that are available to Sync depends on the type of account.
 - Touch **Cancel sync** to stop the synchronization.
3. Touch **Settings** to access the account settings.
4. Touch **Storage usage**, if available, to see your storage usage for different applications.
5. Touch **Sync all** to synchronize all accounts of this type.

Removing an Account

Important! Removing an account also deletes all of its messages, contacts, and other data from the device.

1. From the **Settings** screen, touch the account type, which is located in the **Accounts** section.
2. Touch the account name.
3. At the bottom of the screen, touch **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Google

Configure options for Google accounts and privacy settings.

Note: To display these options, you must have a Google account set up on your phone.

- From the **Settings** screen, under **Accounts**, touch **Google**.

Configure the following options:

- **Accounts:** View Google accounts set up on your device. Touch a Google account to configure syncing or to remove the account.
- **Privacy:** Configure Search, Location settings, Google+, and Ads.

Signing In to Your Samsung Account

Several applications and options require that you create and sign in to a Samsung Account.

To sign in to your Samsung account:

1. From the **Settings** screen, touch **Add account**.

2. Touch  **Samsung account**.

The Samsung account sign in screen displays.

3. Touch **Learn more** to display information about Samsung services that are available.

4. If you have no Samsung account, touch **Create account**.

– or –

If you do have a Samsung account, touch **Sign in**.

The Samsung account screen displays.

5. Use the keyboard to enter the required information and touch **Sign up** or **Sign in**.

Tip: The password is for your Samsung account, not the password you use for the email address you are entering. Plus, you can use only letters, numbers, !, @, \$, %, &, ^, and * for your Samsung account password.

6. If you are creating a new account, the Terms and Conditions screen displays. Read the Terms and conditions, Special terms, and Privacy policy and touch **I accept all the terms above**.

The Settings screen displays with Samsung account listed under Accounts.

Motion

The Motion settings allow you to set up various Motion activation services. For more information on using gestures, see “Using Motions and Gestures” on page 28.

1. From the **Settings** screen, touch **Motion**.
2. Touch the **ON/OFF** button at the top of the screen to turn Motion ON .

Caution! Excessive shaking or impact to the device may cause unintended results. To learn how to properly control motions, touch **Motion** → **Learn about hand motions**.

3. Touch any of the following options to activate the feature. A  check mark displays when an option is enabled.
- **Direct call:** The device dials the currently displayed onscreen Contact entry as soon as you place the device to your ear.
 - **Smart alert:** Pickup the device to be alerted and notified if you have missed any calls or messages.
 - **Double tap to top:** Once enabled, double touch the top of the device to be taken to the top of the current onscreen list.
 - **Tilt to zoom:** Once enabled, you must be on a screen where content can be zoomed. In a single motion, touch and hold two points on the display then tilt the device back and forth to zoom in or out.

- **Pan to move icon:** Once enabled, touch and hold a desired application shortcut icon or widget on the screen. Once it detaches, move the device left or right to migrate it to a new location.
- **Pan to browse images:** Once enabled, touch and hold a desired onscreen image to pan around it. Move the device left or right to pan vertically or up and down to pan horizontally around the large onscreen image.
- **Shake to update:** Once enabled, shake your device to rescan for Bluetooth devices, rescan for Wi-Fi devices, Refresh a Web page, etc.
- **Turn over to mute/pause:** Once enabled, mute incoming calls and any playing sounds by turning the device display down on a surface. This is the opposite of the Pickup to be Notified Gesture.
- **Sensitivity settings:** Configure settings to control how sensitive your device is to movements and gestures.
- **Learn about motions:** Get help with understanding motion gestures.

- **Palm swipe to capture:** When On, swiping the screen with the side of your hand (left to right, or right to left) captures a screen shot.
- **Palm touch to mute/pause:** When On, covering the screen with your hand mutes or pauses media playback.
- **Learn about hand motions:** Get help with understanding motion gestures.

Voice Control

The Voice control settings allow you to set up voice commands to control your device.

1. From the **Settings** screen, touch **Voice control**.
2. Touch the **ON/OFF** button to turn Voice control ON .

Touch the following options to create a check mark and activate the feature.

- **Incoming calls:** Answer or reject calls using the commands **Answer** and **Reject**.
- **Alarm:** Stop or snooze an alarm by using the commands **Stop** and **Snooze**.
- **Camera:** Take photos by using the voice commands such as Capture, Shoot, Smile, and Cheese.
- **Music:** Control your Music app using the voice commands Next, Previous, Play, Pause, Volume up, and Volume down.

Note: If you set the alert type for calls or alarms to vibration, voice control is not available.

Accessories

This menu allows you to select the Audio output mode when using a car or desk dock.

- From the **Settings** screen, touch **Accessory**.

The following options display:

Dock

- **Dock sound:** Play sounds when inserting or removing the phone from the dock.
- **Audio output mode:** Use the external dock speakers when the phone is docked.
- **Desk home screen display:** Display the desk home screen whenever the phone is docked.

HDMI

- **Audio output:** Set audio output to stereo or surround when the phone is docked.

Date and Time

This menu allows you to change the current time and date displayed.

- From the **Settings** screen, touch **Date and time**.

The following options display:

- **Automatic date and time:** Allow the network to set the date and time. Disable this option to set date and time manually.
 - **Set date:** Enter the current date.
 - **Set time:** Enter the current time.
- **Automatic time zone:** When enabled, the phone takes the time zone from the wireless network. Disable this option to set time zone manually
 - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).
- **Use 24-hour format:** Set the format for time displays. If this option is not selected, the phone automatically uses a 12-hour format.
- **Select date format:** Set the format for date displays.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Play Store and manage their use here.

- From the **Settings** screen, touch **Accessibility**.

The following options are available:

- **Auto rotate screen:** Automatically rotate the screen from landscape to portrait when you rotate your phone.
- **Screen timeout:** Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
- **Lock automatically:** Automatically lock the screen after the selected minutes of inactivity.

Note: The Lock automatically option only displays after you set a Screen Lock other than Swipe or None. For more information, refer to “*Lock Screen*” on page 177.

- **Speak passwords:** Read out password information.
- **Answering/ending calls:** Accept incoming calls by pressing the home key or end calls using the power key.
- **Show shortcut:** Allow the accessibility shortcut under the device options to be used by pressing and holding the power key.

Services

- **TalkBack:** Activate the TalkBack feature.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

Vision

- **Font size:** Change the size of the fonts used on the device within menus, options, and so on. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors:** Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Accessibility shortcut:** Quickly enable accessibility features in two quick steps. Touch the **ON/OFF** button to turn it ON . Follow the onscreen instructions.
- **Text-to-speech options:** Adjust your text-to-speech settings. For more information, refer to “*Text-to-Speech Options*” on page 187.

Hearing

- **Sound balance:** Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio:** Enable stereo audio to be compressed into a single mono audio stream for use with a single earbud or earphone.
- **Turn off all sounds:** Mute every sound made by the device when touched and during selections, notifications, and so on.
- **Hearing aids:** Improve the sound quality of your phone for use with hearing aids.
- **Flash notification:** Set your camera light to blink whenever you receive a notification.
- **Google subtitles (CC):** Enable Google subtitles (CC) (when available).
- **Samsung subtitles (CC):** Enable Samsung subtitles (CC) (when available).

Dexterity

- **Press and hold delay:** Select a time interval for this action. Choose from: Short, Medium, or Long.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernel version, and software build number.

To access phone information:

1. From the **Settings** screen, touch **About phone**.
2. The following information displays:
 - **Status:** View information about your phone's current status.
 - **Legal information:** Display open source licenses, Google legal information, and License settings.

Tip: To find your device's DivX[®] registration code and information about registering your device to play DivX protected video, touch **License settings** → **DivX[®] VOD**.

- **Device name:** Phone's model name.
- **Model number:** Phone's model number.
- **Android version:** Android version loaded on this phone.

- **Baseband version:** Baseband version loaded on this phone.
- **Kernel version:** Kernel version loaded on this phone.
- **Build number:** Software build number.
- **SE for Android status:** Display Security Enhancements for Android status information.
- **Hardware version:** Hardware version of your phone.

Software Update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

1. From the **Settings** screen, touch **Software update**.
2. Touch **Check for new software update**.
3. At the **Software update** prompt, touch **OK** to continue.

The phone automatically updates the software, if newer software is available. Otherwise, when the **Your SAMSUNG SCH-I535 is up to date** prompt displays, touch **OK**.

When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, touch **Continue update**.

A

- ABC Mode** 47
- About Phone** 198
- Accessories Settings** 195
- Accessories, Verizon** 130
- Accounts**
 - adding 51, 190
 - setting up 51
- Adding an Account** 51
- Airplane Mode** 150
- Amazon Kindle** 130
- Android Beam** 125, 158
- Applications**
 - using the Camcorder 109
- Applications Settings**
 - running services 175
- Apps**
 - accessing 129
 - downloading and installing 127
 - managing 127
 - uninstalling 128
 - updating 127

Apps Screen 43

- customizing 128

B

- Back Key** 35
- Back Up** 188
- Backing up your data** 188
- Battery**
 - charging 11
 - display percentage 13
 - installing 10
 - low battery indicator 13
- Blocking Mode** 161
- Bluetooth** 117
 - disconnecting 121
 - pairing 120
 - sending contacts 122
 - unpairing 121
- Bluetooth Profiles** 118
- Bubble**
 - options 85

C

- Calculator** 130
- Calendar** 131
- Call Block** 162
- Call Functions** 67
 - adjusting the call volume 76
 - answering a call 71
 - call back missed call 73
 - call duration 75
 - call forwarding 80
 - call log 73
 - correcting the number 68
 - dialing a recent number 69
 - ending a call 68
 - international call 68
 - making a call 67
 - making a call from Contacts 69
 - manual pause dialing 68
 - options during a call 76
 - saving a recent call number to contacts 74

- searching for a number in
 - Contacts 80
- using the speakerphone 78
- Call Sound**
 - adding more volume 76
 - personalizing 77
- Caller Name ID** 132
- Calls**
 - from Favorites 69
 - three-way 78
- Camcorder** 109
 - recording video 109
 - settings 110
- Camcorder Options**
 - after recording a video 112
- Camera** 104
 - settings 107
 - taking photos 105
- Charging Battery** 11
- Clock** 132
- Cloud** 132
- Commercial Mobile Alerting System (CMAS)** 87

- Computer**
 - connecting to 126
- Contacts**
 - accessing 52
 - adding pauses to Contact
 - numbers 55
 - backing up 65
 - Backup Assistant 65
 - creating 53
 - deleting contact entries 64
 - dialing a number 56
 - exporting and importing 64
 - favorites 63
 - finding a contact entry 56
 - group settings 60
 - linking 56
 - managing 64
 - My Profile 54
 - namecards 65
 - options 58
 - service dialing numbers 66

- speed dials 66
- updating from recent calls 54
- using 56
- Creating a Playlist** 96
- D**
- Dialing Options** 72
- Display**
 - icons 24
 - using negative colors 197
- DivX®**
 - registration code 198
- Downloads** 133
- Draft Messages** 83
- E**
- Editing a Photo** 101
- Email**
 - combined Inbox 90
 - setting up a corporate email
 - account 89
 - setting up additional email
 - accounts 89

- switching between email
 - accounts 90
- syncing 90
- using 87

Emergency Alerts (CMAS) 87

Emergency Calls

- making 70

Emergency Tone 169

Entering Text 45

- using ABC mode 47
- using numeric and symbol mode 48
- using Swype 49

Extra Volume 76

F

Favorites 63

Flipboard 135

Font Size

- changing 197

G

Gallery 100

- viewing photos 100
- viewing videos 102

Gestures

- browse image 193
- Overview 28
- shake to update 193
- tilt to zoom 193

Getting Started 6

- setting up your phone 7

Gmail 90

- composing and sending 91
- configuring your account 90
- refreshing your account 91
- settings 91

Google

- Gmail 90
- Google+ 91
- Hangouts 92
- Maps 140
- Play Books 142
- Play Games 143
- Play Music 98
- Play Store 144
- Settings 136

Google Photos 142

Google Search Bar 22

Google Voice Typing 49

Google Voice Typing Settings 186

Google+ 91

Group

- adding a contact 61
- editing 61
- removing a contact 61

Group Play 136

Group Settings

- editing a contact group 61

Groups

- sending a message 62

H

Hands-Free Mode 161

Hangouts 92

Help 137

Home key 35

Home screen

- customizing 37

Home Screen Mode 160

Hotspots 152

I

Icons

- description 24
- indicator 24
- Notification Bar 24

In-Call Options 76

Incognito 139

- create window 139
- exit window 139

International Call 68

Internet

- navigation 137
- using bookmarks 138
- using windows 138

Isis Mobile Wallet 139

K

Keyboard

- changing text input mode 47

Keyboard Input Methods 183

Keyboard Settings 184

Kindle 130

L

Landscape 46

Language and Keyboard Settings

- select locale 183

Legal Information 198

Linking Contacts 56

Location 176

Lock Screen

- Say Wake-Up Command 178
- Shortcuts 177

Lock Screen Settings 177

M

Managing Accounts 51

Maps (app) 140

Memory Card 44

Memory Card Installation 10

Menu

- key 35

Message

- thread options 84

Message Search 86

Messages

- Gmail 90

Messaging

- creating and sending text messages 82

- deleting a message 85

- draft 83

- locked 83

- options 83

- setting up email accounts 88

- settings 86

- types of messages 81

MicroSD Card 10, 44

- format 172

- installing 11

- unmount 172

MicroSD card

- removing 11

MicroSDHC Card 44

MicroSDHC card 10

Mobile Hotspot 122

- allowed devices list 124

- configuring 155

- connecting a device 123

- turning on or off 123

Mobile Wallet 139

Mono

audio setup 197

Motion 192

overview 28

Movies 99

Multi Window 30

activate/deactivate 31

panel relocation 31

removing apps 32

running multiple apps 32

tab repositioning 31

Multimedia 94

Multi-Party Calling 78

Music (app) 94

adding music 97

creating a playlist 96

editing playlist 97

playlists 96

removing music 97

removing music from playlist 97

rename a playlist 97

settings 96

Music Options 95

Mute 76, 79

My Files 141

My Phone Number 67

My Profile

sending 54

my profile 54

My Verizon Mobile 142

N

Namecards

sending 65

Navigation 35

command keys 35

terms used 28

touch gestures 28

Nearby Devices 159

Negative Colors 197

NFC 125

Noise Reduction 77

Notification Bar 24

Notifications 22

P

Page Buddy 170

Paper Artist 142

Personal Localized Alerting Network

(PLAN) 87

Phone

accessing 67

front view 19

icons 24

side views 20

switching On/Off 13

top and bottom views 20

Photo

Editing 101

Photos

Gallery 100

sharing 103

Photos (app) 142

Play Books 142

Play Games 143

Play Movies & TV 99

Play Music 98

Play Newsstand 143

Play Store 144

Pointer Speed 188

Power Saving Mode 173

Powering

Off 13

On 13

Privacy Settings

factory data reset 189

Q

QWERTY Keyboard 46

R

Reject List 75

Reset

factory data 189

Roaming 16

S

S Beam 125, 158

sharing multiple photos 104

sharing photos 103

S Memo 144

S Suggest 144

S Voice 145

Set Wake-Up Command 178

Samsung Account

signing in 192

Samsung Hub 145

Samsung Keyboard

configuring 48

entering text 46

Samsung Link 147

Scientific Calculator 130

Screen Mirroring 160

SD Card 44

Security 179

locking and unlocking 17

Security Settings

device administration 181

Service Dialing Numbers 66

Settings 149

accessing 149

accessories 195

Setup Wizard 147

SIM Card

installing 8

Smart Screen 171

Software Update 199

Sound Settings 167

Sounds

emergency tone 169

Speakerphone Key 78

Speed Dials

assigning 66

removing or reassigning 66

Swype

accessing settings 50

entering text using 49

keyboard settings 186

Synchronizing Accounts 190

T

Tap and Pay 158

Task Manager 16

Tethering 124

Text Input

Abc mode 47

Methods 45

Timer

Automatic Answering 164

Transferring Large Files 103

Travel Charger 12

TTY Mode 15

U

Understanding Your Phone

Features of Your Phone 18

Unmute 76

Updating Applications 127

V

Verizon

accessories 130

Verizon Cloud 132

Verizon Tones 147

Video (app) 98

Voice Control 194

Voice Recorder 148

Voicemail 15, 92, 148

checking 93

setting up 92

Volume 167

W

Widgets

Gmail 135

Wi-Fi

Mobile Hotspot 122

turning on or off 113

Wi-Fi Direct 116, 151

Wireless Networking

Wi-Fi 113

Y

YouTube 148