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Online Legal Information

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

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

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

# Table of Contents

## Section 1: Getting Started .......................... 5
- Understanding this User Manual .................... 5
- Preparing Your Phone ............................... 7
- Turning Your Phone On .............................. 15
- Setting Up Your Phone .............................. 17
- Displaying Your Phone Number ..................... 17
- Voicemail ........................................... 17
- Your Google Account ................................ 18
- Creating a Samsung Account ......................... 18
- Roaming ............................................. 19
- Securing Your Phone ................................ 19
- TTY Mode ........................................... 20

## Section 2: Understanding Your Phone ..... 21
- Features ............................................. 21
- Front View ......................................... 22
- Sides and Bottom Views ............................. 23
- Top and Back Views ................................ 24
- Navigation .......................................... 25
- Motions .............................................. 26
- Multi Window ........................................ 28
- Home Screen ........................................ 32
- Notifications ....................................... 35
- Status Bar .......................................... 36
- Primary Shortcuts .................................. 39
- Other App Shortcuts ................................ 39
- Widgets ............................................. 39
- App Shortcuts ....................................... 40
- Folders .............................................. 41
- Wallpapers .......................................... 42
- Apps Screen ......................................... 43
- Navigating Through the Home Screens .............. 44
- Navigating Through the Apps Screens ............... 44
- Smart Screen ........................................ 45
- Pop-up Video ........................................ 45
- Memory Card ......................................... 46
- Entering Text ........................................ 48

## Section 3: Accounts and Contacts .......... 55
- Accounts ............................................. 55
- Contacts ............................................. 57

## Section 4: Calling ............................... 68
- Making Calls ........................................ 68
- Multi-Party Calling .................................. 70
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Answering Calls</td>
<td>71</td>
</tr>
<tr>
<td>Ending a Call</td>
<td>73</td>
</tr>
<tr>
<td>Recent Calls</td>
<td>73</td>
</tr>
<tr>
<td>Call Settings</td>
<td>75</td>
</tr>
<tr>
<td><strong>Section 5: Messaging</strong></td>
<td><strong>80</strong></td>
</tr>
<tr>
<td>Types of Messages</td>
<td>80</td>
</tr>
<tr>
<td>Text and Multimedia Messaging</td>
<td>80</td>
</tr>
<tr>
<td>Creating and Sending Messages</td>
<td>80</td>
</tr>
<tr>
<td>Emergency Alerts</td>
<td>85</td>
</tr>
<tr>
<td>Email</td>
<td>86</td>
</tr>
<tr>
<td>Gmail</td>
<td>88</td>
</tr>
<tr>
<td>Hangouts</td>
<td>89</td>
</tr>
<tr>
<td>Google+</td>
<td>90</td>
</tr>
<tr>
<td>Voice Recorder</td>
<td>90</td>
</tr>
<tr>
<td><strong>Section 6: Multimedia</strong></td>
<td><strong>92</strong></td>
</tr>
<tr>
<td>Media Hub</td>
<td>92</td>
</tr>
<tr>
<td>Music</td>
<td>93</td>
</tr>
<tr>
<td>Google Play Books</td>
<td>98</td>
</tr>
<tr>
<td>Google Play Newsstand</td>
<td>98</td>
</tr>
<tr>
<td>Google Play Movies &amp; TV</td>
<td>99</td>
</tr>
<tr>
<td>Google Play Music</td>
<td>99</td>
</tr>
<tr>
<td>Video</td>
<td>100</td>
</tr>
<tr>
<td>Camera</td>
<td>101</td>
</tr>
<tr>
<td>Camcorder</td>
<td>105</td>
</tr>
<tr>
<td><strong>Section 7: Applications</strong></td>
<td><strong>112</strong></td>
</tr>
<tr>
<td>Managing Applications</td>
<td>112</td>
</tr>
<tr>
<td>Updating Applications</td>
<td>112</td>
</tr>
<tr>
<td>Task Manager</td>
<td>115</td>
</tr>
<tr>
<td>Accessing Applications</td>
<td>116</td>
</tr>
<tr>
<td>Amazon</td>
<td>116</td>
</tr>
<tr>
<td>Amazon Kindle</td>
<td>116</td>
</tr>
<tr>
<td>Amazon MP3</td>
<td>116</td>
</tr>
<tr>
<td>Amazon Apps</td>
<td>117</td>
</tr>
<tr>
<td>Audible</td>
<td>117</td>
</tr>
<tr>
<td>Calculator</td>
<td>117</td>
</tr>
<tr>
<td>Calendar</td>
<td>117</td>
</tr>
<tr>
<td>Camera</td>
<td>119</td>
</tr>
<tr>
<td>City ID</td>
<td>120</td>
</tr>
<tr>
<td>Clock</td>
<td>120</td>
</tr>
<tr>
<td>Contacts</td>
<td>120</td>
</tr>
<tr>
<td>Downloads</td>
<td>120</td>
</tr>
<tr>
<td>Drive</td>
<td>121</td>
</tr>
<tr>
<td>Dropbox</td>
<td>121</td>
</tr>
<tr>
<td>Email</td>
<td>121</td>
</tr>
<tr>
<td>Flipboard</td>
<td>121</td>
</tr>
<tr>
<td>Gallery</td>
<td>122</td>
</tr>
<tr>
<td>Gmail</td>
<td>122</td>
</tr>
</tbody>
</table>
Google .................................................. 122
Google Settings ........................................ 123
Google+ .................................................. 123
Group Play ............................................... 123
Hangouts ............................................... 124
Help ...................................................... 124
IMDb ..................................................... 124
Internet .................................................. 124
KNOX ..................................................... 125
Maps ...................................................... 125
Media Hub ............................................... 126
Messaging ............................................... 126
Mobile Data Security .................................. 126
Mobile TV .............................................. 127
Music ..................................................... 127
My Files ............................................... 127
Paper Artist ............................................. 128
Phone .................................................... 128
Photos ................................................... 129
Play Books .............................................. 129
Play Games ............................................. 129
Play Movies & TV ...................................... 130
Play Music .............................................. 130
Play Newsstand ....................................... 130
Play Store .............................................. 130
S Memo .................................................. 131
S Voice ................................................... 132
Samsung Apps ......................................... 132
Samsung Link .......................................... 133
Settings .................................................. 133
Slacker ................................................... 133
Tone Room Deluxe .................................... 133
Top HD Games ........................................ 134
Video ...................................................... 134
Voice Recorder ........................................ 134
Voice Search ........................................... 134
VPN Client ............................................. 134
Wallet .................................................... 135
Your Navigator Deluxe ............................... 135
YouTube ............................................... 136

Section 8: Connections ................................. 137

Wi-Fi ...................................................... 137
Wi-Fi Direct ............................................ 139
Bluetooth .............................................. 140
VPN ....................................................... 144
NFC ....................................................... 145
S Beam ................................................... 146
Nearby Devices ........................................ 147
Screen Mirroring ........................................... 148
Portable Wi-Fi Hotspot ................................. 148
Tethering .................................................... 150
Personal Computer Connections .................... 150

Section 9: Settings ........................................ 151
Accessing Settings ........................................ 151
Settings Tabs .............................................. 151
Wi-Fi ......................................................... 152
Bluetooth .................................................... 152
Data Usage .................................................. 152
More Networks ............................................ 153
NFC ............................................................. 157
S Beam ......................................................... 158
Nearby Devices ............................................. 158
Screen Mirroring .......................................... 158
Lock Screen ................................................ 159
Display ....................................................... 161
LED Indicator .............................................. 162
Sound ......................................................... 163
Home Screen Mode ...................................... 164
Call ............................................................ 164
Blocking Mode ............................................ 165
Hands-Free Mode ........................................ 166
Power Saving Mode ....................................... 166

Accessories .................................................. 167
Accessibility ................................................ 167
Language and Input ...................................... 169
Motion ....................................................... 174
Smart Screen .............................................. 175
Voice Control .............................................. 176
Accounts ..................................................... 176
Cloud .......................................................... 179
Back Up and Reset ....................................... 180
Location ...................................................... 181
Security ....................................................... 182
Application Manager .................................... 184
Default Applications ..................................... 185
Battery ....................................................... 185
Storage ....................................................... 186
Date and Time ............................................. 187
About Device .............................................. 187

Index ................................................................ 190
Section 1: Getting Started

This section allows you to quickly start using your Samsung GALAXY S III phone by installing the SIM card and optional microSD card, installing and charging the battery, activating your service, and setting up your voicemail account.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 190. This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the phone. For more information, refer to “Securing Your Phone” on page 19.

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

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

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

In this manual, you will find text that is set apart from the rest. This special text is intended to point out important information, to share quick methods for activating features, to 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.

• **Example:** Provides an example of the feature or procedure.

• **Important!** Provides important information about the current feature that could affect performance.

• **Caution!** Provides information to avoid possible damage.

• **Warning!** Brings to your attention important information to prevent loss of data or functionality or even to prevent damage to your phone.

Text Conventions

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

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

For example:

From a Home screen, touch Apps ➔ Settings ➔ My device ➔ Display ➔ Screen timeout.

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

For example:

Touch the OFF/ON button to turn Bluetooth ON or OFF.
Preparing Your Phone

Before using your phone, you need to install the SIM card, the optional microSD card, and the battery.

Important! Before removing or replacing the battery cover, make sure the phone is switched off.

To turn the phone off, press and hold down the Power key until the Device options pop-up displays, and then touch Power off.

Removing the Battery Cover

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

Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.
Replacing the Battery Cover

Align the cover (1) and press it firmly into place (2), ensuring that the cover snaps into place at the corners.

Installing the SIM Card

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

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

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

1. Remove the battery cover (see “Removing the Battery Cover” on page 7).
2. Remove the battery.
3. Locate the SIM card slot inside of the phone at the bottom.
4. Make sure the gold contacts of the SIM card face downward and that the notched corner of the card faces outward to the right (as shown).
5. Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.

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

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

If your SIM card is ever separated from the device or damaged, your device will not function. If you experience any issues with your device, contact Customer Service at 888-944-9400 or visit your nearest U.S. Cellular® retail location.

---

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**Removing the SIM Card**

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

You can install an optional microSD™ (SD) or microSDHC™ memory card in your device to expand available memory to store images, videos, music, applications, and data.

1. Remove the battery cover (see “Removing the Battery Cover” on page 7).
2. Locate the microSD card slot inside of the phone on the bottom.
3. With the gold contacts facing down, carefully slide the memory card into the slot (as shown), pushing gently until the memory card clicks into place.

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

Caution! Applications, personal settings, and other stored data may be lost or may not function properly if the memory card is removed.

For more information about mounting, unmounting, formatting, or uninstalling a memory card, see “Mounting the SD Card” on page 46, “Unmounting the Memory Card” on page 46, or “Formatting a Memory Card” on page 47.
Removing a Memory Card

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

1. Press Home, and then touch Menu ➔ Settings ➔ More ➔ Storage ➔ Unmount SD card.
2. Remove the battery cover (see “Removing the Battery Cover” on page 7).
3. Firmly press the Memory card into the slot and carefully release it. The card should pop partially out of the slot.
4. Remove the card from the slot.
5. Replace the battery cover (see “Replacing the Battery Cover” on page 8).

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: This phone is shipped with the battery partially charged. Please charge the battery fully before using the phone for the first time.

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

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

Failure to unplug the wall charger before you remove the battery can cause damage to the phone.
Battery Indicator
The battery icon in the Status bar shows the battery power level. Two to three minutes before the battery becomes too low to operate your phone, the empty battery icon flashes and a tone sounds. If you continue to operate the phone without charging the battery, the phone powers off.

Installing the Battery
1. Remove the battery cover (see “Removing the Battery Cover” on page 7).
2. Slide the battery into the compartment (1) so that the tabs on the end of the battery align with the slots at the bottom of the phone, making sure that the connectors align.
3. Gently press down to secure the battery (2).

Removing the Battery
1. Remove the battery cover (see “Removing the Battery Cover” on page 7).
2. Lift the battery up using the slot provided (1).
3. Lift the battery up and out of the phone (2).
Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A wall charger, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details. Before using your phone for the first time, you must fully charge the battery. A discharged battery recharges fully in approximately 4 hours.

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

1. Insert the USB cable into the phone’s Charger/Accessory jack at the bottom of the device.
2. Connect the USB cable to the charging head.

Note: Failure to connect the USB cable correctly may damage the accessory port and void the phone’s warranty.
3. Plug the charging head into a standard AC power outlet. The device turns on with the screen locked and indicates both its charge state and percent of charge.

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

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

**Turning Your Phone On**

- Press and hold the **Power/Lock** key (on the upper right side of the phone) for three seconds. While powering on, the phone connects with the network, then displays the Locked screen and any active Notification alerts.

**Note:** Your phone’s internal antenna is located along the bottom back of the phone. Do not block the antenna; doing so may affect call quality or cause the phone to operate at a higher power level than necessary.
Unlocking Your Phone

1. If needed, press Home to wake the screen.
   The Lock screen displays.
2. If there are no Notification icons on the Lock screen, swipe across the screen to unlock it.
3. Follow the prompts to activate and set-up your phone.

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

   Follow the prompts to activate and set up your phone.

Turning Your Phone Off

1. Press and hold the Power/Lock Key for two seconds until the Device options screen appears.
2. At the prompt, touch Power off.
   The Power off pop-up displays.
3. At the prompt, touch OK.

Restarting the Phone

1. Press and hold the Power/Lock until the Device options screen displays.
2. Touch Restart ➔ OK.

**Important!** Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.
Setting Up Your Phone

The first time you turn your device on, the Setup Wizard will guide you through the basics of setting up your device. Follow the prompts to choose a default language, set up accounts, choose location services, and so on. Touch **Skip** to skip some screens, or touch **Back** to re-display them. Some screens may or may not display depending on the options you choose.

**Note:** If your screen dims or turns off, press the Power/Lock key to continue.

Displaying Your Phone Number

Press **Home**, and then touch **Menu ➔ Settings ➔ More ➔ About device ➔ Status.**

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

Voicemail

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

Setting Up Voicemail

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

Checking Voicemail

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

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

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

1. Press Home, and then touch Apps → Gmail.

   The Add a Google Account screen displays.

2. Touch Existing or New to continue.

3. Follow the onscreen instructions to sign in, if you already have a Google Account, or to create a Google Account.

Creating a Samsung Account

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

1. Press Home, and then touch Menu → Settings.

   The Settings screen displays.

2. Touch Accounts → Add account.

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

4. From the Samsung account screen, touch Create new account and follow the onscreen instructions to create a Samsung account.
Roaming

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

Tip: You can set your phone’s roaming behavior. For more information, refer to “Mobile Networks” on page 154.

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

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

Securing Your Phone

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

For more information about creating and enabling a screen unlock pattern, see “Lock Screen” on page 159.

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

Locking the Phone Manually

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

Unlocking the Phone

For information on unlocking your phone, see “Unlocking Your Phone” on page 16.

Unlocking with a Personal Screen Unlock Pattern

1. Press Home to wake the screen.
2. Draw your personal unlock pattern on the screen.

For more information, refer to “Lock Screen” on page 159.
Unlocking with a Password

1. Press Home to wake the screen.
2. Enter your Password.
3. Touch OK.

TTY Mode

Your phone is fully TTY-compatible, allowing you to connect a TTY device to the phone’s headset jack. Before you can use your phone with a TTY device, you must enable TTY Mode. For more information, refer to “Other Call Settings” on page 79.
Section 2: Understanding Your Phone

Features

- 4.8-inch 1280x720 Super AMOLED HD touch screen
- CDMA 1X/EV-DO Rev-A Technology
- 1.5 gigahertz dual-core processor
- Android® Version: KitKat 4.4.2
- Google Play™ Store, plus pre-loaded applications
- SAFE™ Certified
- Galaxy Gear™ compliant. For more information, please visit: samsung.com/us/galaxygear-support

Connections
- Wi-Fi 802.11 a/b/g/n
- Portable Wi-Fi hotspot
- Bluetooth 4.0
- Tethering
- VPN
- NFC
- Android Beam
- S Beam
- Wi-Fi Direct
- Group Play
- Screen Mirroring
- DLNA
- USB 3.0

Multiple Messaging Options: Text, Photo, Video, and Voice Messaging, Instant Messaging with Google Hangouts, Email, Gmail, Mobile Instant Messenger (IM), and Chat

- 8 Megapixel Camera/Camcorder with LED flash + 1.9 Megapixel Front camera

Picture Gallery
- Video Player (720p — MP4 and 3GP)
- DivX Certified® to play DivX® video up to HD 720p, including premium content
- Music Player (AAC, AAC+, eAAC+, MP3, and WMA)
- Speakerphone
- Support for microSD™ and microSDHC™ Memory Cards up to 64GB capacity
1. **LED Indicator**: Flashes or glows to alert you to alert notifications or phone status.

2. **Earpiece**: Use during calls to listen to callers.

3. **Proximity and Light Sensors**: Uses the ambient light level to adjust keypad access. If the light path is blocked, for example, when holding the phone close to your ear, the touch screen will turn off.

4. **1.9 Megapixel Front Camera**: Use for taking pictures and recording video.

5. **Display Screen**: The orientation of the display screen rotates with the phone as you turn it. You can turn this feature on and off. For more information, refer to “Accessibility” on page 167.

6. **Menu Key**: Touch to display options for the current screen.

7. **Home Key**: Press to display the Home screen or, if the phone is locked, the Lock screen. Press and hold to display recent applications or to launch Task Manager.

8. **Back Key**: Touch to return to the previous screen or option.
Sides and Bottom Views

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

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

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

4. **Microphone**: Use when recording and during calls, to allow callers to hear your voice.
Top and Back Views

1. **Noise Cancelation Microphone**: Captures background noise that the phone uses to produce a quiet background during calls and video chats.

2. **8 Megapixel Camera Lens**: Use when taking photos or recording videos.

3. **3.5mm Headset Jack**: Plug in an optional headset or TTY equipment.

4. **Camera Flash**: Use when taking photos.

5. **External Speaker**: Play ringtones, call audio when in Speakerphone mode, media sounds (music and video), and other sounds.
Navigation

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

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

Context-Sensitive Menus

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

To access context-sensitive menus:

1. Touch Menu.
2. Touch and hold on an item.

Command Keys

Menu Key

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

Home Key

Press Home to display the Home screen. Press and hold to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

Touch to display the Task Manager.

To launch Google Search, touch .

Touch to clear all thumbnail images.

Back Key

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

**Finger Motions**

**Touch**
Touch items to select or launch them. For example:
- Touch the onscreen keyboard to enter characters or text.
- Touch an item to select it.
- Touch an application icon to launch the application.

**Touch and Hold**
Activate onscreen items by a touch and hold gesture. For example:
- Touch and hold a widget or icon on the Home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

**Swipe**
Swipe your finger vertically or horizontally across the screen. For example:
- Unlock the screen.
- Scroll the Home screen or a menu.
- Combine touch and hold with swipe to drag an item to a new location.

**Pinch**
Using two fingers, make a pinch motion on the screen. For example:
- Pinch outward to zoom in on pictures or screens.
- Pinch inward to zoom out on pictures or screens.

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

To use motions to control your phone, enable the **Motion** settings. For more information, see “Motion” on page 174.
- **Direct call**: When this option is set to On, you can lift the phone to your ear to call a contact displayed in a Messaging, Contacts, or Call Log screen.
- **Smart alert**: When this option is set to On, you can lift the phone to automatically receive notification of missed calls, messages, and alerts that occurred while the phone was stationary.
- **Double tap to top**: When this option is set to On, a double tap on the top of the phone takes you to the top of the list.
• **Tilt to zoom:** When this option is set to On, touching and holding with your thumbs on the screen while in Gallery or Internet, then tilting the phone forward and back, causes the screen to zoom in or out.

• **Pan to move icon:** When this option is set to On, touching and holding on the screen, then moving the phone in a side-to-side motion, moves a highlighted icon to a new location on the Home screen.

• **Pan to browse images:** When this option is set to On, moving the phone in a panning motion while viewing an image moves focus around in the image.

• **Shake to update:** When this option is set to On, shaking the phone causes Bluetooth or Wi-Fi screens to scan for devices.

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

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**Hand Motions**

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

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

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

1. From a Home screen, touch Apps ➔ Settings ➔ My device ➔ Display ➔ Multi window.
   
   A check mark will appear.

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.

---

**Tip:** Multi window can also be activated or deactivated by touching the top of the screen, dragging downward to display the Notification Panel, and then touching Multi window.

To deactivate Multi window:

- Touch and hold Back. This action hides the Multi window tab from view.

**Note:** Once you have set the Multi window option On, you only need to touch and hold Back to re-activate the Multi window feature.
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 , which is located at the bottom of the list, and then touch Edit to reveal a staging area that can house any removed applications from the Multi window panel.

– or –

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.

3. 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 **Internet**.
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.
**Home Screen**

The Home screen is the starting point for using your device. It consists of:

1. **Notifications**: Notification icons appear on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. Drag down from the Status Bar to open the Notification Panel.

2. **Status Bar**: The Status Bar displays notifications on the left side and status indicators on the right side.

3. **Status indicators**: Display your current network status, signal strength, battery charge, and time.

4. **Widgets**: Applications that run on the Home screen. Some widgets are found on the Home screen by default. For more information, refer to “Widgets” on page 39.

5. **App Shortcuts**: Touch to launch your favorite apps.

6. **Current Screen**: Shows which Home screen is presently displayed.

7. **Primary Shortcuts**: Access to important features such as Phone, Email, Browser, and Camera. For more information, refer to “Adding and Removing Primary Shortcuts” on page 40.

8. **Apps Screen**: Access to all your apps and widgets.
Extended Home Screen

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

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the Current Screen indicator shows your current position.

Note: A Home screen displays when you touch Home.

Customizing the Home Screens

To customize the Home screens to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the Home screen pop-up displays.

3. Touch Set wallpaper to change the Home screen wallpaper. For more information, refer to "Wallpapers" on page 42.
   — or —

Under Add to Home Screen touch:

- Apps and widgets to add app or widget shortcuts on the Home screen.
- Folder to add a folder on a Home screen. For more information, refer to "Folders" on page 41.
- Page to add a Home screen.

Display Settings

You can customize display screen settings to your preferences. For more information, refer to "Display" on page 161.
**Adding and Removing Home Screen Panels**

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 \(\text{Menu} \rightarrow \text{Edit page}\).
2. Touch the Home screen that contains \(\text{+}\).
   A new screen is added.
3. If desired, touch and hold the new screen and drag it to a different location.
4. Touch the Home icon \(\text{Home}\) at the top of a panel to set it as the default home screen.
5. Press \(\text{Home}\) 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 \(\text{Menu} \rightarrow \text{Edit page}\).
2. Touch and hold the Home screen you want to delete.
3. Drag it to \(\text{Remove}\) located at the bottom of the screen. The page will turn red.
4. If there are items on the Home screen, the **Delete home screen page** prompt displays.
5. Touch \(\text{OK}\) to delete the page and its contents, otherwise touch \(\text{Cancel}\).
6. Press \(\text{Home}\) to return to the main Home screen.

**Google Search Bar**

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

1. From the main Home screen, touch the Google Search bar \(\text{Google}\).
2. Use the onscreen keyboard to enter the item you want to search for, then touch \(\text{on the keyboard}\).
3. Touch \(\text{to use Google Voice Search. Follow the onscreen instructions.}\)
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.
   – or –
   Touch **Clear** to clear all notifications.

To close the Notification Panel:

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

---

**Accessing Additional Panel Functions**

In addition to notifications, the Notification Panel also provides quick 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 151.
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, Mobile data, Multi window, Screen mirroring, S Beam, NFC, Sync, Smart stay, Power saving, Blocking mode, Airplane mode, and Hands-free 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 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 161.

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.
   For more information, refer to “Notification Panel” on page 35.

To close the Notification Panel:
   • Touch 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.

To display the Status Bar:
   • From a Home screen, swipe downward from the top of the screen. The grey Status Bar will appear. It will disappear after a few seconds.
Status Bar Icons

Some common status and notification icons are shown below.

Airplane Mode Active: All wireless communications are disabled. See “Airplane Mode” on page 153.

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

Voice Call: A voice call is in progress.

Speakerphone: Speakerphone is enabled.

Missed Call: There is a missed call.

Battery Level: Battery is fully charged.

Battery Charging: Battery is charging.

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

Location Active: One or more GPS location services are currently active. See “Location” on page 181.

Missing SIM: No LTE SIM is installed.

No Network: No wireless network is available.

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

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

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

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

**New Email Message**: You have new email.

**Silent Mode/Mute**: Voice or playback volume is muted.

**Vibrate**: All sounds are silenced, and Vibrate is active. See “Vibrations: Choose or create a vibration pattern to use when vibration is enabled.” on page 163.

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

**SD Card Safe to Remove**: A memory card was uninstalled. You can safely remove it.

**SD Card Unexpectedly Removed**: The memory card was removed improperly.

**Bluetooth Active**: Bluetooth is turned on.

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

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

**Wi-Fi Action Needed**: Action is needed to connect to Wi-Fi network. For more information about configuring Wi-Fi, see “Wi-Fi” on page 137.

**TTY**: TTY Mode is active.

You can customize display settings to your preferences. For more information, refer to “Display” on page 161.
Primary Shortcuts

Primary Shortcuts display at the bottom of each Home screen.

The default Primary Shortcuts are: Phone, Contacts, Messaging, Internet, and Apps.

You can change the Phone, Contacts, Messaging, and Internet application shortcuts to any icon that is displayed in the Apps menu.

For more information, refer to "Adding and Removing Primary Shortcuts" on page 40.

Other App Shortcuts

There are also other application shortcuts on the main Home screen, which are: Calendar, Camera, Email, and Play Store.

Application shortcuts can be added to any Home screen. For more information, refer to "App Shortcuts" on page 40.

Widgets

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

When you first turn on your phone, there are various widgets on the center Home screen. Widgets can be added to all Home screens.

Adding Widgets to a Home Screen

1. Navigate to the Home screen on which you want to place the Widget and touch Apps.

2. Touch the Widgets tab.

Note: Swipe across the screen horizontally to view all Widgets.

3. Touch and hold the widget’s icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

Removing Widgets

- Touch and hold the Widget until Remove displays, then drag the widget to the Remove icon.

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

Use App Shortcuts for quickly access to applications or features, such as Email or other applications.

1. Navigate to the Home screen on which you want to place the App Shortcut.
2. Touch Apps.
   – or –
   Touch and hold on the screen until the Home screen options pop-up displays and then touch Apps and widgets.
3. Touch the Apps tab.
4. Touch and hold the application icon until the Home screen displays, then slide your finger where you want to place the icon and release it.
   For more information, refer to “Apps Screen” on page 43.
5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

Removing App Shortcuts

- Touch and hold the App Shortcut until Remove displays, then drag the App Shortcut to the Remove icon.

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 until Remove displays, then drag the Primary Shortcut to the Remove icon.
3. Touch Apps and scroll through the App 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 displays on all Home screens.
**Folders**

Place Folders on a Home screen to organize items together.

**Adding Folders**

To create a folder on a Home page:

1. Navigate to the desired Home screen.
2. Touch and hold on the screen until the **Home screen** pop-up displays and then touch **Folder**.
   
   The **Create folder** popup displays.
3. Touch the **Enter folder name** field, use the keyboard to enter a name for the folder, and touch **OK**.
   
   A new folder displays on the Home screen.

**Managing Folders**

To rename a folder:

- Touch the folder, touch the current name, and use the keyboard to enter a new name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.
2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

**Removing a Folder**

- Touch and hold the folder until the **Remove** icon displays, then drag the folder to the **Remove** icon.

**Note:** Any App shortcuts in the folder are also removed.
Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen. The **Home screen** options pop-up displays.

2. Touch **Set wallpaper**. The Set wallpaper pop-up displays.

3. Touch **Home screen, Lock screen, or Home and lock screens**.

   The **Select wallpaper from** pop-up displays the following options:

   - **Gallery**: Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.

   - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Back** to return to the Live wallpapers menu (Home screen only).

   - **Photos**: Access Google Photos to select a photo (Home screen only).

   - **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch **Back** to return to the Home screen.

**Note:** Live wallpapers is not available for the Lock 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.

For more information, refer to "Applications" on page 112.

**Customizing the Apps 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 “App Shortcuts” on page 40.

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. For more information, refer to “App Shortcuts” on page 40.
**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 ➔ More ➔ Application manager.
2. Highlight the ALL tab, scroll through the apps list, and touch the app to open a screen with details about the App.

**Navigating Through the Home Screens**

Your phone originally has three home screens, but you can expand up to seven home screens. If you like, you can place different applications on each of the home screens.

- From the main Home screen, sweep the screen with your finger in either direction. The main Home Screen is located in the middle with a Home screen on each side.

**Navigating Through the Apps Screens**

Your phone initially has three Apps screens available. Follow these steps to navigate through the Apps screens:

1. From a Home screen, touch Apps.
   The first Apps screen displays.
2. Sweep the screen left or right to access the other two screens.
3. Touch an app’s icon to launch the app.

**Note:** As you add apps, 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 displays at the bottom of the phone screen.
2. Touch an option.
Smart Screen
With Smart screen activated your phone automatically adjusts screen time-out and rotation when it detects you are looking at the screen.

Smart screen features include:

- **Smart stay**: The screen does not time out as long as you are looking at it.
- **Smart rotation**: The screen rotates based on the orientation of your face.

Smart screen uses the front camera to detect when you are facing the screen. Some factors may affect the ability of the front camera to detect your face:

- When the phone is not docked or held upright. For example, when placed on a table.
- When the front camera cannot detect your face and eyes.
- When the front camera is used for the current application.
- When the light source is behind you or when using the phone in the dark.

Configure Smart Screen

To enable Smart screen features:

- From a Home screen, touch **Apps ➔ Settings ➔ My device ➔ Smart screen**.

For more information, refer to “Smart Screen” on page 175.

Pop-up Video

Multitask with Pop-up Video by transforming your video player into a pop-up window floating on the screen. The video continues to play, and the pop-up window can be resized or moved anywhere on the screen.

To use Pop-up Video:

- While watching a video, touch the **Pop-up Video** icon in the lower right corner of the screen.
Memory Card

Your phone 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 phone’s SD functionality. The phone 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 before use. Mounting the SD card establishes a USB connection with your computer.

1. Insert the microSD card into the internal, microSD card slot. For more information, see “Installing a Memory Card” on page 11.

2. The phone scans the SD card and views the available information stored on it.

Unmounting the Memory Card

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

1. From a Home screen, touch 📱 Apps ➔ 🔄 Settings ➔ More ➔ Storage ➔ Unmount SD card.

2. Remove the battery cover. For more information, refer to “Removing the Battery Cover” on page 7.

3. Firmly press the Memory card into the microSD slot and carefully release the card. The card pops partially out of the slot.

4. Remove the card from the microSD slot.

5. Replace the battery cover. For more information, refer to “Replacing the Battery Cover” on page 8.
SD Card Available Memory Status

To view the memory allocation for the external SD card:

1. From a Home screen, touch Apps ➔ Settings ➔ More ➔ Storage.
The Storage screen displays.
2. View the available memory for the device and SD card under the Total space or Available space heading.

Formatting a Memory Card

Use the Erase SD card setting to remove all content from an installed memory card.

1. From a Home screen, touch Apps ➔ Settings ➔ More ➔ Storage. The Storage screen displays.
2. Under SD card, touch Mount SD card.
   SD card must be mounted in order to format it.
3. After mounting the SD card, touch Format SD card, and follow the prompts to confirm the deletion of all information from the card.

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

4. Touch Delete all to format the SD card.
**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:

- **Samsung keyboard (default):** Samsung’s onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.

- **Swype:** a new way to enter text on touch screens. Instead of touching each key, use your finger to trace over each letter of a word.

- **Google Voice typing:** allows you to enter text by speaking.

To change the input method, see “Keyboards and Input Methods” on page 169.

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 169.

**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.
Floating Keyboard

In addition to the default QWERTY keyboard, there is a Floating keyboard.

To change the keyboard type:

1. Access the QWERTY keyboard.
2. Touch and hold Options on the keyboard, touch , and then select Floating from the pop-up menu.
3. Touch the tab at the top of the Floating keyboard to move it.

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.
  
  The Samsung keyboard settings screen displays.

For more information, refer to “Samsung Keyboard” on page 170.

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

1. If desired, rotate your phone counterclockwise to a Landscape orientation.
2. When you touch the Enter message field, the following screen displays:
3. Touch the desired alphabetic characters.
4. The screen initially opens in ABC mode. After typing the first letter, the shift key (↑) will change to ↑ and following letters will be lowercase.
5. Touch ↑ to input another upper-case letter or double-tap ↑ to switch to ABC mode. The shift key will change to ↑ in ABC mode. All following letters will be uppercase until you touch the shift key again.
Using Symbol/Numeric Mode

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

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

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.
**Entering Text Using Handwriting**

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

1. From the keyboard, touch "Options" and then touch "Handwriting".
2. Use your finger tip to write out each character. You can print or use cursive.
3. You can write out your entire message using the Handwriting feature or touch "" to switch back to Samsung keyboard mode.

**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 drag 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”.

![Swype Keyboard Example](image)
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 171.

**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: Accounts and Contacts

Accounts

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

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

Setting Up Your Accounts

Set up and manage your accounts with the Accounts settings.

For information about setting up other, email accounts, see “Creating Additional Email Accounts” on page 87.

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

Adding an Account

1. From a Home screen, touch Apps → Settings → Accounts.
2. Under My accounts, touch Add account.
3. Select an account type, then follow the prompts to enter your credentials and sign in.
4. If needed, the phone communicates with the provider’s server to set up your new account on the phone.

Controlling Synchronization

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

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

1. From a Home screen, touch Apps → Settings → Accounts.
2. Under My accounts, touch the account that contains data to synchronize.

The account screen displays.
3. Under **Accounts**, touch the account that contains data to synchronize. The **Sync settings** screen for the selected account displays and lists some or all of the following synchronization settings:

- Sync App Data
- Sync Calendar
- Sync Contacts
- Sync Email
- Sync Gmail
- Sync Google Photos
- Sync Google Play Books
- Sync Google Play Magazines
- Sync Google Play Movies & TV
- Sync Google Play Music
- Sync Google+
- Sync Google+ Auto Backup
- Sync Internet
- Sync People details

4. Touch these settings to enable/disable synchronization of the associated file types. When enabled, a check mark displays in each setting check box.

- With automatic synchronization enabled, your phone automatically synchronizes its related files with similar files on online file servers.
- With automatic synchronization disabled, you can manually sync accounts by touching **Sync all** in the account type screen for each account.

Tip: You can also control automatic synchronization using the **Sync** toggle in the Quick Settings menu on the Notification Panel. For more information, refer to “**Notification Panel**” on page 35.
Managing Accounts

For more information, refer to “Accounts” on page 176.

1. From a Home screen, touch Apps ➔ Settings ➔ Accounts.
2. Under My accounts, touch an account to manage. The account screen displays.

Google Account Privacy Settings

Personalize the Privacy settings for Google Accounts:

1. From a Home screen, touch Apps ➔ Settings ➔ Accounts.
3. Under Privacy, the following options are available:
   • Search: Manage Google Accounts location histories and search histories.
   • Location: Choose whether Google apps can access location information for Google Accounts.
   • Google+: Manage Google+ information for Google Accounts.
   • Ads: Choose whether to personalize Google and AdMob advertisements for Google Accounts.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly on your phone as well as contacts synchronized with your Google account, your Samsung account, your PC, email accounts (including Exchange Server accounts), and your Facebook friends.

To access Contacts:

- From the Home screen, touch Contacts.

Contact tips:

- To make a call to a contact, swipe your finger left-to-right across the contact.
- To create a message addressed to a contact, swipe right-to-left across the contact.
**Adding Contacts**

Use the following procedure to add a new contact:

1. Touch 📞 Contacts ➔ ➔ Add.
   
The Add Contact screen displays.

   The first time you add a contact to your Contacts list, a pop-up displays:
   - If you have defined one or more accounts (Google, Samsung, and so on), the Save contact to pop-up displays, select Device or the account to receive the new Contact entry.
   - If no accounts are defined, the Save contact pop-up displays, select OK to save your contacts in “my device contacts” or touch Add new account.

2. Touch the Storage location button to select a location where to save this contact (available options depend on the accounts you define to your device):
   - **Phone**: Save to “my device contacts”.
   - **Google**: Save to your Google Account.
   - **Samsung account**: Save to your Samsung account.
   - **Microsoft Exchange ActiveSync account**: Save to your Microsoft Exchange ActiveSync 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.

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

For more information, refer to “Creating or Updating Contacts Using Recent Calls” on page 73.

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

1. From a Home screen, touch Phone.
2. On the Keypad, touch the digits of the phone number.
3. Touch Add to contacts, then select Create contact from the pop-up menu.
4. Continue entering contact information. For more information, refer to “Adding Contacts” on page 58.

Tip: While entering a phone number, you can add waits or pauses. Enter the number up to the pause or wait, then touch Menu to select Add 2 sec pause or Add wait.
Updating Contacts
Make changes to update an existing contact.
1. From a Home screen, touch Contacts.
2. Touch a contact to view its information, then touch Edit.
3. Continue entering contact information. For more information, refer to “Adding Contacts” on page 58.

Updating Contacts using the Phone Keypad
Enter a phone number with the Phone Keypad, then save it.
1. From a Home screen, touch Phone.
2. On the Keypad, touch the digits of the phone number.
3. Touch Add to contacts, then select Update existing from the pop-up menu.
4. Select a contact to update, then continue entering contact information. For more information, refer to “Adding Contacts” on page 58.

Updating Contacts from Recent Calls
Save a phone number from a recent call to create a new contact, or update an existing contact.
For more information, refer to “Creating or Updating Contacts Using Recent Calls” on page 73.

Choosing Contacts to Display
1. From a Home screen, touch Contacts.
2. Touch Menu ➔ Contacts to display:
   - All contacts: to show all contacts.
   - Phone: to show only contacts saved to your phone.
   - <Account>: to only display contacts from the selected account.
   - Customized list: to select contact types for each account, or the phone.
Contacts Settings
1. From a Home screen, touch Contacts.
2. Touch Menu ➔ Settings.
3. Select one of the following settings options:
   - **Only contacts with phones**: to show contacts with at least one stored phone number.
   - **List by**: to sort contacts by first or last name.
   - **Display contacts by**: to list contacts by first or last name.
   - **Contact sharing settings**: to set your preference for sending contacts namecards to other accounts or devices. (For more information about sending contacts, see “Sending Namecards” on page 64.)

Other Contacts Options
1. From a Home screen, touch Contacts.
2. Touch a contact to display it, then touch Menu to select from these options:
   - **History**: View calls and messages to and from this contact.
   - **Edit**: Modify contact information. For more information, refer to “Updating Contacts” on page 60.
   - **Delete**: Erase the contact record.
   - **Link contact / Separate contact**: Manage multiple contacts as one. For more information, refer to “Linking Contacts” on page 62.
   - **Mark as default**: Set a default phone number or other field (such as IM or email address). Defaults are the contact method used when creating a message or calling a contact. You can also set a default by touching and holding on a contact field.
   - **Share namecard via**: Send the namecard. For more information, refer to “Sending Namecards” on page 64.
   - **Add to reject list / Remove from reject list**: Mark the contact so that calls or messages from the contact are rejected automatically or remove a contact from the reject list.
   - **Add shortcut to Home**: Add shortcut to this contact to Home screen.
My Local Profile

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

Creating My Local Profile

1. From a Home screen, touch Contacts.
2. Under ME touch Set up profile.
3. Enter your information in the contact fields. For more information, refer to “Adding Contacts” on page 58.

Sending My Local Profile

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

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

Linking Contacts

Your phone can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your phone, you may have multiple contacts representing 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.
Linking Contacts
1. From a Home screen, touch Contacts.
2. Touch a contact to display its information.
3. Touch Menu, then touch Link contact. A list of available contacts displays.
4. Select a contact to join to the displayed contact. The linked contact displays.
5. Touch in the Connection section to view the linked contact information. The location of the contact, such as Phone or SIM, displays along with the contact’s name. Touch Link another contact to link another contact. A list of available contacts displays. Select a contact to link to the displayed contact. The linked contact displays.

Separating Contacts
1. From a Home screen, touch Contacts.
2. Touch a contact to display its information.
3. Touch the Connection field to display linked contacts.
4. Touch to the right of a contact to remove it from the selected linked contact.

Exporting and Importing Contacts
You can export your contact list to an installed memory card, or import a list of contacts (previously exported) from a memory card.
1. From a Home screen, touch Contacts.
2. Touch Menu, then touch Import/Export. The Import/Export contacts pop-up displays.
3. Select an option, then follow the prompts to complete the operation:
   - **Import from USB storage**: Copy contacts that are saved in installed mass storage.
   - **Export to USB storage**: Copy contacts to installed mass storage.
   - **Import from SD card**: Copy contacts that are saved on an installed memory card.
   - **Export to SD card**: Copy contacts to an installed memory card.
**Sending Namecards**

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

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

1. From a Home screen, touch **Contacts**.
2. Touch **Menu**, then touch **Share namecard via**.
3. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark displays in the check box for marked contacts.
4. Touch **Done**.
5. Choose a sending method from the **Share namecard via** screen, then follow the prompts to send the profile.

**Favorites**

Mark contacts with a ⭐ star to identify them as Favorites. Favorites display on the **Favorites** tab in the **Phone** and **Contacts** screens for fast dialing or messaging, and are indicated by the ⭐.

**Creating Favorites**

1. From a Home screen, touch **Contacts**.
2. Touch a contact to display it, then touch ⭐ at the top right of the screen.

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

Adding a New Group
1. From a Home screen, touch Contacts ➔ Groups.
2. Touch Menu ➔ Create, then enter information:
   • Group name: Enter a Group Name.
   • Group ringtone: Choose a ringtone for calls from members of this group.
   • Message alert: Choose an alert tone for messages from members of this group.
   • Vibration pattern: Choose a vibration to play for calls from members of this group.
   • Add member: Select members from Contacts.
3. Touch Save to save the new group.

Editing a Group
1. From a Home screen, touch Contacts ➔ Groups.
2. Touch a Group to display it.
3. Touch Menu ➔ Edit group, then update information for the group. For more information, see “Adding a New Group” on page 65.

Deleting a Group
Tip: You can only delete groups that you have created.
1. From a Home screen, touch Contacts ➔ Groups.
2. Touch Menu ➔ Delete groups.
3. Touch a Group to mark it for deletion, or touch Select all to mark all groups. When selected, a check mark displays in the check box.

Note: You cannot delete pre-loaded groups.
4. Touch Delete, then choose Group only or Group and group members.
Adding Contacts to a Group

1. From a Home screen, touch Contacts ➔ Groups.
2. Touch a Group to display it, then touch Add.
3. Touch contacts to mark them for addition or touch Select all to mark all contacts.
   When selected, a check mark displays in the check box.
4. Touch Done to add the selected contacts.

Removing Contacts from a Group

1. From a Home screen, touch Contacts ➔ Groups.
2. Touch a Group to display it.
3. Touch Menu ➔ Remove member.
4. Touch contacts to mark them for removal or touch Select all to mark all contacts.
   When selected, a check mark displays in the check box.
5. Touch Done to remove the selected contacts.

Sending a Message to Group Members

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

1. From a Home screen, touch Contacts ➔ Groups.
2. Touch and hold a Group, then touch Send message or Send email.
3. Touch contacts to mark them as recipients for the new message, then touch Done.
   The new message opens, with the marked contacts as recipients.
4. Continue creating the message, as desired. For more information, see “Creating and Sending Messages” on page 80 or see “Composing and Sending Email” on page 87.
**Speed Dials**

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

For more information about calling using speed dials, see “Making Calls Using Speed Dials” on page 68.

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

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**Assigning Speed Dials**

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

---

**Removing or Reassigning a Speed Dial**

1. From a Home screen, touch 📞 Contacts.
2. Touch 📖 Menu, then touch *Speed dial setting*.
3. Touch and hold an assigned Speed dial setting, the following options pop-up:
   - **Replace:** Touch a new speed dial location to assign to the contact.
   - **Remove:** Un-assign the speed dial from the contact.
Section 4: Calling

Making Calls

There are multiple ways to make calls:
- Use the touch screen **Phone Keypad** to enter the phone number or speed dial.

- Call a contact from **Contacts**.

- Call a contact from **Favorites**.

- Return a call, or call a recent caller, from **Recent**.

- Voice dial using **Voice Dialer**.

Making Calls Using the Phone Keypad

1. From a Home screen, touch **Phone**.

2. If necessary, touch **Keypad**.

3. Use the keypad to enter the telephone number.

4. Touch **Call** to place the call.

Making Calls Using Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact. For more information about setting speed dials, see “**Speed Dials**” on page 67.

1. From a Home screen, touch **Phone**.

2. Touch the digits of the speed dial number on the **Keypad**, holding the last digit until the number dials.
More Dialing Options

After entering a number, you can access additional calling options.

- From the Keypad screen, touch \( \text{Menu} \) for additional options:
  - **Send message** to send the current caller a text message while still maintaining the current call active.
  - **Add to contacts** to add the current number to either a new or existing Contacts entry.
  - **Speed dial setting** to access the Speed dialing setting menu where you can assign a speed dial location to a current Contacts entry.
  - **Add 2-sec pause** to insert a two-second pause within a number string (the phone continues dialing after 2 seconds without any additional keys being pressed).

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

- **Add wait** to insert a hard pause within the number string (the phone waits for your input). A wait requires that any consecutive numbers be manually sent by tapping Yes.
- **Call settings:** See “Call Settings” on page 75.

Making Calls from Contacts

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

For more information, refer to “Contacts” on page 57.

1. From a Home screen, touch \( \text{Contacts} \).
   - or –
   From the Phone Keypad screen, touch \( \text{Contacts} \).
2. Swipe your finger from left to right across the contact to dial their default number.
   - or –
   Touch a contact, then touch \( \text{Call} \) to dial the number.
Making Calls Using S Voice

Place a call by speaking the name or number.

1. From a Home screen, touch Apps ➔ S Voice.
2. The first time you access S Voice, follow the prompts to confirm the Samsung Disclaimer and Terms of service.
3. Read the About S Voice screen and follow the prompts.
4. At the What would you like to do? screen, say “Hi Galaxy” to wake up S voice.
5. Say, “Call” followed by the name of a contact.

Making Calls Using Favorites

Favorites are contacts that you designate as favorites by starring them. For more information about creating favorites, see “Favorites” on page 64.

1. From a Home screen, touch Phone.
2. Touch Favorites to display your favorite contacts.
3. Find the contact and touch it to open the Contact entry.
4. Swipe your finger from left to right across the contact to dial their default number.
   – or –
   Touch a contact, then touch Call to dial the number.

Making Calls from Recent Calls

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

For more information, refer to “Recent Calls” on page 73.

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. Touch Merge to merge the calls into one conference call.
5. To end the call touch End call.
Answering Calls

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

- Touch and drag the Answer icon to the right.

Tip: Press the Volume key Up or Down to silence the ringtone for an incoming call.

Sending Calls to Voicemail

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

Rejecting a Call

- Touch and drag the Reject icon to the left.

Rejecting a Call with a Message

- Touch and drag Reject call with message toward the middle of the screen, then select an existing message, or Create new message. For more information about creating reject messages, see “Set Up Call Rejection Messages” on page 75.

Answering Call-Waiting Calls

When you receive a call during another call:

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

While in a call, you can use these features:

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

- **Noise reduction on / Noise reduction off**: Enable or disable noise reduction to improve call audio quality in noisy environments.

- **Extra volume turned on / Extra volume turned off**: Increase/decrease volume for received voices.

- **Add call**: Display the Dialer to set up a multi-party call.

- **Keypad**: Display a keypad to enter numbers.

- **End call**: End the phone call.

- **Speaker**: Enable or disable speakerphone.

- **Mute**: Mute or unmute your voice on the call.

- **Headset**: Switch the call’s audio to a Bluetooth headset.

- **Touch Menu for options**:
  - **Contacts**: Launch Contacts.
  - **Memo**: Launch S Memo to take notes or to create a drawing.
  - **Message**: Launches Messaging to compose a message.
Ending a Call

- Touch End call.

Recent Calls

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

Accessing Recent Calls

- From a Home screen, touch Phone ➔ Recent to display recent calls.

Making Calls Using Recent Calls

1. From a Home screen, touch Phone ➔ Recent to display recent calls.
2. Swipe your finger from right to left across any call to send a message.
   - or –
   For Contacts, touch the number, then touch to send a message.

Sending Messages Using Recent Calls

1. From a Home screen, touch Phone ➔ Recent to display recent calls.
2. Swipe your finger from right to left across any call to send a message.
   - or –
   For Contacts, touch the number, then touch to send a message.

Creating or Updating Contacts Using Recent Calls

1. From a Home screen, touch Phone ➔ Recent to display recent calls.
2. Touch and hold on a call, then select Add to Contacts from the pop-up menu.
3. Choose Create contact or Update existing.
4. Continue entering contact information. For more information, see “Contacts” on page 57.
Managing Recent Calls

Deleting Records
1. From a Home screen, touch Phone ➔ Recent to display recent calls.
2. While viewing the calls, touch Menu, then touch Delete.
3. Touch call records to mark them for deletion, or touch Select all. A check indicates marked records.
4. Touch Delete to delete marked records.

Filtering Records
1. From a Home screen, touch Phone ➔ Recent to display recent calls.
2. While viewing the calls, touch Menu, then touch View.
3. Select a filter type, from All calls and messages, All calls, Missed calls, Dialed calls, Received calls, Rejected calls, All messages, Sent messages, or Received messages.

Viewing Call Durations
View the length of the Last call, all Dialed calls, all Received calls, or All calls.
1. From a Home screen, touch Phone ➔ Recent to display recent calls.
2. While viewing calls, touch Menu, then touch Call duration.
Call Settings

Configure settings for calling with the phone.

To access Call settings, from a Home screen, touch Phone ➔ Menu ➔ Call settings.

– or –
From a Home screen, touch Apps ➔ Settings ➔ My device ➔ Call.

Call Rejection

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

From the Call settings screen, touch Call rejection for these options:

- Auto reject mode: Touch Off to accept all calls, or you can reject calls from All numbers or reject calls from numbers on the Auto reject numbers list.

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

Set Up Call Rejection Messages

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

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

The Reject messages screen displays.

2. Touch Create, then follow the prompts to create a new message.

– or –
Touch a message, then edit the text to modify an existing message.
**Answering/Ending Calls**

Manage settings for answering and ending calls.

- From the **Call settings** screen, touch **Answering/ending calls**. Configure the following options:
  - **The home key answers calls**: When enabled, press **Home** to answer an incoming.
  - **Voice control**: When enabled, you can answer an incoming call using voice commands. For more information, refer to “S Voice” on page 132.
  - **The power key ends calls**: When enabled, press **Power/Lock** to end a call.

**Turn Off Screen During Calls**

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

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

**Call Alerts**

Set options for sounds and vibrations to occur during calls.

- From the **Call settings** screen, touch **Call alerts**. The following options are available:
  - **Call vibrations**: Configure the conditions under which the phone vibrates for different call alerts.
    - **Vibrate on connection to network**: The phone vibrates when it connects to the network.
    - **Call-end vibration**: The phone vibrate when the other caller ends the call.
  - **Call status tones**: Touch this options to enable/disable sounds to play during calls.
    - **Call connect tone**: The phone plays a tone when the other caller answers a call.
    - **Minute minder**: A tone plays once per minute during a call.
    - **Call end tone**: The phone plays a tone when the other caller ends the call.
  - **Alerts on call**: When enabled, alarms and new messages play during phone calls. When disabled, these alerts are muted during a call.
Call Accessories

Configure headset options for calls.
- From the Call settings screen, touch Call accessories. The following options are available:

Headset settings for incoming calls
- **Automatic answering**: When enabled, and a headset is connected to the Headset Jack, incoming calls are automatically answered after a delay, set at Automatic answering timer.
- **Automatic answering timer**: Choose a time period to delay before automatically answering an incoming call when Automatic answering is enabled and a headset is connected to the phone.

Bluetooth headset settings
- **Outgoing call conditions**: When the phone is paired with a Bluetooth headset, you can choose to make calls Even when the phone is locked or Only when the device is unlocked.

Ringtone and Sound Settings

Ringtones and Keypad Tones
Select incoming call ringtone and vibration, and enable or disable call vibration and keypad tones.
- From the Call settings screen, touch Ringtones and keypad tones. The following options are available:
  - **Ringtones**: Select the ringtone the phone plays to alert you of incoming calls.
  - **Vibrations**: Select or create the vibration pattern the phone uses to alert you of incoming calls.
  - **Vibrate when ringing**: Touch to enable or disable use of the selected vibration (set with Vibrations). When enabled, a check mark displays.
  - **Dialing keypad tone**: Touch to enable/disable playing of a tone when you enter numbers with the Phone keypad. When enabled, a check mark displays.
Personalize Call Sound

This option personalizes the sounds you hear during a call whether or not you are using a headset.

- From the Call settings screen, touch Personalize call sound. Configure the following options:
  - In-call sound EQ: Select the sound quality: Off, Soft sound, Clear sound, Adapt sound left, or Adapt sound right.
  - Adapt Sound: Touch this option, then follow the instructions and prompts to set the phone to deliver optimum sound for the left and right headset earphone.

Noise Reduction

Noise reduction suppresses background noise on your side of the conversation during an active call.

- From the Call settings screen, touch Additional Settings ➔ Noise reduction to enable or disable the option.

Increase Volume in Pocket

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

- From the Call settings screen, touch Increase volume in pocket to enable or disable the option.

Voicemail

Configure options for voicemail.

- From the Call settings screen, under Voicemail, the following options are available:
  - Voicemail service: By default, the phone uses your wireless service provider's voicemail service. If you have another option for voicemail installed, select it.
  - Voicemail settings: By default, the speed dial for calling voicemail (speed dial 1) is set to your phone number. Touch Voicemail number if you want to set up another voicemail service.
  - Sound: Choose sound to play for a voicemail notification.
  - Vibrate: Choose an option for vibration to play for a voicemail notification.
Other Call Settings

- From the Call settings screen, under Other call settings, and configure the following options:
  - **Auto retry**: When enabled, your phone 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, that play when you use the keypad during a call, such as when navigating phone menus.
  - **Voice privacy**: Enable or disable enhanced voice privacy, to improve the security of your phone calls.
Section 5: Messaging

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

Types of Messages

This phone supports these types of messages:

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

Text and Multimedia Messaging

This phone can send and receive text and multimedia messages.

Creating and Sending Messages

1. From a Home screen, touch 📩 Messaging.
   – or –
   From a Home screen, touch 📱 Apps ➔ Messaging
2. Touch 📧 Compose.
3. Touch Enter recipient and enter a name, phone number or email address.
   – or –
   Touch 📤 to select from one of the following:
   - **Groups**: Select a recipient from the Group list.
   - **Favorites**: Select a recipient from the Favorites list.
   - **Contacts**: Select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
• **Recent**: Select a recipient from a list of recently sent messages.

4. If adding a recipient from either Groups, Favorites, Contacts, or Recent, touch the contact (a check mark indicates selection), and touch **Done**. The contact displays in the recipient field.

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

5. Touch **Enter message**, and use the onscreen keypad to enter a message.

6. While entering the message, use these options, which are available depending on the attachment:
   - [Attach](#) to add media or content to the message (converts the message to MMS).
   - [Menu](#) for options:
     - **Insert smiley**: Add a text emoticon to the message.
     - **Add text**: Select text from S Memo, Calendar, Location, Contacts, or Text templates to add.
     - **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**: View the contact record.
     - **Add slide / Remove slide**: Add or remove a slide. Slides hold pictures or other media (adding a slide converts the message to MMS).
     - **Add subject**: Add a subject field (converts the message to MMS.)
     - **Scheduling**: Select a date and time for the message to be delivered.
     - **Discard**: To close and delete this message.
     - **Font size**: Set a default font size for messages.

7. Touch [ ] to send the message.

**Note:** If you exit a message before it sends, the message is automatically saved as a draft.
Managing Messages

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

1. From a Home screen, touch Messaging.

2. Message threads display by contact, number, or address. While viewing message threads, you have these options:

3. Touch and hold a thread to choose options, including:
   - Delete: Erase the entire message thread.
   - View Contact / Add to Contacts: View the contact record, or save the sender/recipient’s information.
   - Add to spam numbers: Lists this phone number as a spam number and sends future messages from this number to the Spam messages folder.

4. Touch Menu for options, including:
   - Search: Enter characters to search messages and recipients.
   - Delete threads: Touch message threads to mark them for erasure, or touch Select all to mark all message threads.
   - Draft messages: Displays a list of drafted messages.
   - Locked messages: Displays list of messages that are locked to prevent deletion.
   - Scheduled messages: Displays list of messages scheduled for later delivery.
   - Spam messages: Displays a list of spam messages.
   - Font size: Set a default font size for messages.
   - Settings: Configure Messaging settings.
Message Settings
Configure settings for message storage, delivery, or alerts.
1. From a Home screen, touch Messaging.
2. Touch Menu, and touch Settings for options:
   • Default messaging app: Set your default messaging app.
   General settings
   • Delete old messages: When enabled, messages are automatically erased when storage reaches default limits. When disabled, the phone prompts you to delete old messages to make room.
   • Text message limit: Set the number of SMS messages per conversation.
   • Multimedia message limit: Set the number of MMS messages per thread.
   • Text templates: Phrases that you can add to your messages. Use a pre-loaded text template, or create your own.
Text message (SMS) settings
   • Delivery reports: When enabled, you receive a delivery report for text messages that you send.
   • Auto combination: When enabled, displays multiple-segment messages as a single message.
Multimedia message (MMS) settings
   • Group messaging: When enabled, lets you send the same message to multiple recipients.
   • Delivery reports: When enabled, you receive a delivery report for multimedia messages that you send.
   • Auto retrieve: When enabled, MMS messages download automatically. When disabled, the phone prompts for download.
   • Roaming auto retrieve: When enabled, MMS messages download and display automatically when roaming. When disabled, the phone prompts you to download new MMS messages.
   • MMS alert: When enabled, plays an alert tone when message mode changes from text (SMS) to multimedia (MMS).
Display
- **Bubble style**: Choose the appearance of messages in a message thread. Touch a bubble style for each side of the conversation, then touch **Save**.
- **Background style**: Choose the appearance of the screen behind message threads. Touch a style, then touch **Save**.
- **Use the volume key**: When enabled, you can change the size of message text while viewing by pressing the Volume Key.

Notification settings
- **Notifications**: When enabled, message alerts display in the Status bar.
- **Select ringtone**: Choose a sound for message alerts.
- **Vibrate**: Configure vibration for message alerts.
- **Message alert repetition**: Sets the number of times to alert you when a new MMS message is received.
- **Preview message**: When enabled, displays a preview of received messages.

Emergency message settings
- **Emergency alerts**: This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert Service (CMAS), including Presidential alerts, Extreme alerts, Severe alerts, and AMBER alerts (missing persons). You may choose not to receive Imminent and AMBER alerts, but Presidential Alerts cannot be disabled. All alerts are enabled by default (a check mark displays). For more information about Emergency Alerts, see “Emergency Alerts” on page 85.
- **Emergency notification preview**: Listen to an example of an Emergency alert tone (and vibration, if enabled). The Emergency alert tone plays at the same volume as your call ringtone.
- **Vibrate**: When enabled, vibrates your phone for Emergency Alerts.
- **Alert sound**: When enabled, a sound plays for emergency alerts.
- **Alert reminder**: Choose whether, and at what interval, the phone plays a sound to notify you of an Emergency alert after the Emergency alert tone has stopped.
Signature settings
• **Add signature**: When enabled, adds a signature to outgoing messages.
• **Signature text**: Enter the text for your message signature.

Spam message settings
• **Spam settings**: When enabled, activates the list of Spam message settings.
• **Add to spam numbers**: Registers numbers that were blocked when they send you a message.
• **Add to spam phrases**: Register phrases typically used in spam messages.
• **Block unknown senders**: When enabled, automatically blocks messages from “Unknown” senders.

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

There are four types of Emergency alerts:
• Presidential alerts
• Extreme alerts
• Severe alerts
• AMBER alerts (missing child/person alert)

You may choose not to receive Extreme, Severe, and/or AMBER alerts, but Presidential alerts cannot be disabled. To disable Extreme, Severe, and AMBER alerts, do the following:
1. From a Home screen, touch 📨 Messaging.
2. Touch 📄 Menu ➔ Settings ➔ Emergency alerts.
3. All alerts are enabled by default (a check mark displays). Touch an alert to disable it.
Email

Send and receive email using popular email services.

**Creating an Email Account**

1. From the Home screen, touch 📧 Email.
   
   Your accounts screen displays with an Email setup screen displayed.

2. Enter your email address in the **Email address** field.

3. Enter your password in the **Password** field.

4. If you want to see your password as it is being typed, touch **Show password** to create a check mark.

5. Touch **Next**.

6. At the **Account options** screen, touch any of the options you would like.

7. Touch **Next**.

8. Enter a name for this email account (optional).

9. Touch **Done**.

**Creating a Microsoft Exchange Email Account**

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

1. From the Home screen, touch 📧 Email.

   Your accounts screen displays with an Email setup screen displayed.

2. Enter your email address in the **Email address** field.

3. Enter your password in the **Password** field.

4. Touch **Show password** to view the password as it is entered.

5. Touch **Manual setup** or **Next** (for automatic setup).

6. At the **What type of account?** prompt, touch **Microsoft Exchange ActiveSync**.

   The **Exchange server settings** screen displays.

7. As needed, change or enter the Exchange server information for your account, then touch **Next**.

8. Follow the prompts to activate server communication functions, such as security, as required.
9. Enter an Account name for this account (Optional) and touch **Done**. Wait for the Inbox to synchronize.

10. Touch **Menu** ➔ **Settings** to change the account settings.

**Creating Additional Email Accounts**

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

1. From the Home screen, touch **Email**. Your Email screen displays showing your emails from the active account.

2. Touch **Menu** ➔ **Settings** ➔ **Add account**.

3. Enter the information required to set up another account. For more information, refer to “Creating an Email Account” on page 86.

**Switching Between Email Accounts**

1. From the Home screen, touch **Email**. Your Email screen displays showing your emails from the active account.

2. Touch the Inbox button **at the top of your screen that displays the optional name (such as Work, Personal and so on) you assigned to your email account. Your Email accounts screen displays.**

3. Touch the Email account **Inbox** you would like to switch to. You can also select **Combined inbox** which displays email messages from all accounts.

4. The new Email account displays.

**Composing and Sending Email**

1. From the Home screen, touch **Email ➔ Compose**.

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

3. While composing a message, touch **Attach** to add a file attachment to the message.

4. Touch **Menu** for email options.

5. Touch **Send** to send the message.
Managing Emails

Refreshing Your Email Account
Refresh your account to update the phone from the servers.
1. From the Home screen, touch Email.
2. Touch Refresh.

Email Account Settings
Use Account settings to configure handling of your email.

Note: Available settings depend on the email provider.

1. From the Home screen, touch Email.
2. Touch Menu, then touch Settings.
3. Touch an account name to set options.

Gmail
Send and receive emails 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, the phone prompts you to set up your Google Account, unless you have already set up a Google Account during set up of your phone.
1. From a Home screen, touch Apps ➔ Gmail.
2. Touch New to create a new account, or Existing to sign in to a created account.
3. The phone communicates with the Google server to set up your account and synchronize your email.

Note: You can use more than one Google Account on the phone. To add another account, from within Gmail, touch Menu ➔ Settings ➔ ADD ACCOUNT option.
Refresh Your Gmail Account

Refresh your account to update messages on the phone.

1. From a Home screen, touch Apps ➔ Gmail.
2. Touch Menu ➔ Refresh.

Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From a Home screen, touch Apps ➔ Gmail.
2. Touch Menu for options.

Composing and Sending Gmail

1. From a Home screen, touch Apps ➔ Gmail ➔ New message.
2. Touch fields to compose the message. While composing, touch Menu for options.
3. When your message is complete, touch Send.

Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/+/learnmore/hangouts to learn more.

1. Log on to your Google Account if you have not already done so. For more information, refer to “Your Google Account” on page 18.
2. From a Home screen, touch Apps ➔ Hangouts.
4. Touch Menu ➔ Help & Feedback for more information on using Hangouts.

Note: The Network confirms your log-in. This process could take up to 5 minutes to complete.
Google+

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

1. Sign on to your Google Account. For more information, refer to “Your Google Account” on page 18.
2. From a Home screen, touch Apps → Google+.
3. Select the account you want to use to sign in to Google+.
   – or –
   Touch Existing and sign in, or touch New and create a new account.
4. Follow the onscreen instructions to use Google+.
5. Visit google.com/mobile/+ for more information.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately share it using Dropbox, Bluetooth, Drive, Email, Gmail, Messaging, or Wi-Fi Direct. Recording time varies based on the available memory within the phone.

1. From a Home screen, touch Apps → Voice Recorder.
2. To start recording, touch Record and speak into the microphone.
3. During the recording process you can either touch Stop to stop and save the recording or Pause to temporarily halt the recording. After pausing, touch Record to resume recording.
4. Once the audio recording has stopped, the message is automatically saved. Touch Cancel to cancel the recording without saving.
5. Touch List to display a list of all your voice recordings.
6. Touch a voice recording to play it.
7. Touch and hold a voice recording for these options:
   - Share via: Share your recording using Dropbox, Bluetooth, Drive, Email, Gmail, Messaging, or Wi-Fi Direct.
   - Delete: Delete the voice recording.
   - Rename: Rename your voice recording.
   - Set as: Set the voice recording as a Phone ringtone, Caller ringtone, or Alarm tone.
   - Details: View details of the voice recording, such as Name, Last modified time, Location, Duration, and Size.

8. While viewing the list of voice recordings, touch Menu and select from the following options:
   - Share via: Select and share your recordings using Dropbox, Bluetooth, Drive, Email, Gmail, Messaging, or Wi-Fi Direct.
   - Delete: Delete 1 or more voice recordings. Select the recordings to delete and touch Delete.
   - Settings: The following settings are available:
     - Storage: Select where your recordings are saved. Selections are Device or Memory card.
     - Recording quality: Set the recording quality to High or Normal.
   - Limit for multimedia messages: Select On or Off. Selecting On limits the message size so the recording size attaches to an MMS message.
   - Contextual filename: Creates filenames based on your location using a GPS tag when connected to a network.
   - Default name: Select the name prefix for recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, and Voice 003.
   - Noise reduction: When set to On, reduces background noise being recorded.
   - Recording volume: Select High or Low.
   - Skip interval: Select 10 sec., 30 sec., or 60 sec.
   - End: Exit the Voice Recorder app.

9. While viewing the main Voice Recorder screen, touch Menu and select from the following options:
   - Settings: Configure Voice Recorder options.
   - End: Exit the Voice Recorder app.
Section 6: Multimedia

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and watch from the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you’ve never experienced it before.

Browse the latest movies and TV shows, then rent or purchase the media for viewing on the phone.

Note: Media Hub service requires a Samsung account, and depends on service availability. For more information, refer to “Creating a Samsung Account” on page 18.

1. From a Home screen, touch 

   Apps ➔ Media Hub.

   Note: To rent or buy media, you must have a Samsung account.

2. Touch Menu; then touch Sign in to log in or create an account.

3. Browse content, and follow the prompts to buy or rent.
Music

The Music application can play music files. The Music app supports files with extensions AAC, AAC+, eAAC+, MP3, and WMA. Launch Music to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB display).

Playing Music

1. From a Home screen, touch Apps ➔ Music.
2. Touch a library category tab 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.

Tip: To play music in background, press Home. The Music app screen closes and playback controls display on the Notification Panel (see “Notification Panel” on page 35).

Music Controls

The following Music controls are available:

- **Pause** the song.
- **Start** the song after pausing.
- Touch and hold to **rewind** the song. Touch to go to previous song.
Touch and hold to **fast-forward** the song. Touch to go to next song.

**Group Play**: Share playback of a song with other, available Digital Living Network Alliance (DLNA) certified devices. See “Group Play” on page 123.

**Volume**: Volume control and SoundAlive.

**Shuffle On**: Randomly shuffle the current list of songs for playback.

**Shuffle Off**: Play songs in the listed order.

**Favorite**: Touch to add this song to the Favorites playlist. (Star changes color to ★.)

**Repeat one**: Repeat the song currently playing.

**Repeat all**: Replay the current list when the list ends.

**Play All**: Play the current song list once.

**Reduced display**: Reduces playback display to include the current song list.

**Music List**: Return to the current playlist.
**Music Options**

To access additional options, follow these steps:

1. From a Home screen, touch Apps ➔ Music.
2. Touch Menu and select from the following options, which vary depending on activity:
   - **Add to playlist**: Add the current music file to a playlist.
   - **Via Bluetooth**: Scan for devices and pair with a Bluetooth headset.
   - **Play via Group Play**: Share playback of this music file with other Group Play devices. See “Group Play” on page 123.
   - **Set as**: Assign this music file as the Phone ringtone, a Caller (Contact) ringtone, or an Alarm tone.
   - **Delete**: Delete selected music files from your phone.
   - **Search**: Search for music files.
   - **Scan for nearby devices**: Scan for nearby Bluetooth-enabled devices.
   - **Settings**: Change your Music settings. See “Music File Settings” on page 95.
   - **End**: Close the Music Player application.

---

**Music File Settings**

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

1. From a Home screen, touch Apps ➔ Music.
2. Touch Menu ➔ Settings.

The follow settings are available:

- **Music menu**: Select which categories you want to display in the Music menu. Choices are: Albums, Artists, Genres, Music square, Folders, Composers, Years, Most played, Recently played, or Recently added.
- **SoundAlive**: Select music equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, and more.
- **Play speed**: Set the play speed anywhere between 0.5X and 2.0X using the slider.
- **Music auto off**: Activate to turn off music automatically after a set interval.
• **Lyrics**: Activate to display the song’s lyrics, if available.
• **Smart volume**: When enabled, automatically adjust each track’s playback volume to an equal level.
• **Voice control**: When enabled, use S Voice commands to control the Music app.

### Using Playlists

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

### Creating a Playlist

1. From a Home screen, touch Apps ➔ Music.
2. Touch Playlists.
3. Touch the playlist name.
4. Enter a name for this playlist in the field and touch OK.

### Adding Music to a Playlist

To add files to the playlist:

1. From a Home screen, touch Apps ➔ Music.
2. Touch Playlists.
3. Touch the playlist name.
4. Touch Add music.
5. Touch a music file or touch Select all to add all the music tracks to this playlist then touch Done.

### Removing Music from a Playlist

To remove music files from a playlist:

1. From a Home screen, touch Apps ➔ Music.
2. Touch Playlists.
3. Touch the playlist name.
4. Touch Menu ➔ Remove.
5. Touch the check box to the left of each track that you want to remove from this playlist or touch Select all to remove all the music tracks from this playlist.
6. Touch Remove.
Editing a Playlist Name
Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:
1. From a Home screen, touch Apps ➔ Music.
2. Touch Playlists.
3. Touch Menu ➔ Edit title and touch the playlist you want to rename.
4. In the Edit title pop-up, enter a new name for the playlist, and then touch OK.

Note: For information on downloading music for the phone, see “Personal Computer Connections” on page 150.

Setting a Song as a Ringtone
You can set a song as a ringtone for all voice calls, for calls from an individual contact, or as an alarm tone.

1. From a Home screen, touch Apps ➔ Music.
2. Touch and hold on a song; then touch Set as and choose from these options:
   • Phone ringtone: Set the song as the default ringtone for all incoming voice calls.
   • Caller ringtone: Choose a contact to set the song as the ringtone for calls from the contact.
   • Alarm tone: Set the song as the alarm ringtone for a new alarm, or for an existing alarm.
**Google Play Books**

With Google Play Books, you can shop the world’s largest selection of ebooks and read them anywhere you like—on a phone, phone, e-reader, or the Web.

1. From a Home screen, touch Apps ➔ Play Books.
2. Sign on to your Google Account. For more information, refer to “Your Google Account” on page 18.
3. Follow the onscreen instructions for using the Play Books application.

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**Google Play Newsstand**

Google Play Newsstand is a subscription service where you can shop a wide selection of titles, from cooking to technology, travel, fashion, sports, photography, and more. Buy new issues or back issues, subscribe and get free 14 or 30-day trials, and customize your reading experience for the phone.

1. From a Home screen, touch Apps ➔ Play Newsstand.
2. Sign on to your Google Account. For more information, refer to “Your Google Account” on page 18.
3. Follow the onscreen instructions for using the Play Newsstand application.
Google Play Movies & TV

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

1. From a Home screen, touch Apps ➔ Play Movies & TV.
2. Sign on to your Google Account. For more information, refer to “Your Google Account” on page 18.
3. Following the onscreen instructions for renting and viewing movies.
4. Touch the Watch Now tab to return to viewing a movie or TV show you have been watching.
5. Touch the My Movies tab to view movies that you have purchased or rented.
6. Touch the My TV Shows tab to view TV shows that you have purchased.
7. Touch the Shop tab to launch Play Store and browse for MOVIES and TV Shows to watch.
8. Touch Menu for additional options.

Google Play Music

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

1. From a Home screen, touch Apps ➔ Play Music.
2. Music Player scans for songs stored in phone memory, or on an installed memory card, and displays your songs on the Listen Now, My Library, or Playlists tabs.
3. Touch a music file to begin playback.
4. Touch Menu for the following options:
   • Settings: View Open source licenses and the music version for the Play Music application.
   • Help: View a help file on the Google Support website.
   • Send feedback: Send your feedback, system information, and email address to Google.
Video

The Video application identifies and plays video files (3GP or MP4) stored on the phone or on an optional microSD memory card.

1. From a Home screen, touch Apps ➔ Video.
2. Video Player scans for videos stored in phone memory or on an installed memory card.
3. Touch a video to play it.
4. While playing, touch the screen to display or hide the following onscreen playback controls:

   Group Play: Share playback of a song with other, available Digital Living Network Alliance (DLNA) certified devices. See “Group Play” on page 123.

   Volume: Activates an onscreen volume control. Touch and drag the scale to set volume, or press the Volume key on the side of the phone.

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

   Full-screen view: Displays the video on the entire screen. This view may cause image distortion.

   Original size view: The video plays in its original size.

   Maximum diagonal view: The video plays in its original size.

   Back: Moves backward to the previous video. Touch and hold to scan backward through the current video.

   Pause: Pauses playback.

   Play: Plays the video.

   Forward: Advances to the next video. Touch and hold to scan forward through the current video.
**Pop-up Player**: The video plays in a small window so you can use the phone for other purposes while watching the video from the front screen instead of in the player. Double-tap the small window to return to the player and normal size.

**Note**: The screen view icons (糌, 🐮, 🍴, and 🍴) are a four-way toggle. The displayed icon indicates the mode used after you touch the icon.

5. While playing a video, touch 🛡️ Menu for more video options.

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**Camera**

Use the phone’s built-in Camera to take pictures and record video.

- From a Home screen, touch 📺 Apps ➔ 📷 Camera.

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

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

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

1. From a Home screen, touch Apps ➔ Camera.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
   • Touch the screen to focus on the area you touched.
   • “Pinch” the screen, or press the Volume key, to zoom in or out.
   • Configure settings, see “Camera Options” on page 103.
3. Touch the Camera button (📸) to take the picture.
4. After taking a picture, touch Image Viewer to view the picture. While viewing the picture, use these options:
   - Change player: displays this picture on other, available Digital Living Network Alliance (DLNA) certified devices. See “Group Play” on page 123.
   - Share via: send the picture using Group Play, Dropbox, Flipboard, Picasa, or See all (for more options).
   - Edit: lets you choose either Photo Editor or Paper Artist to make changes to your picture.

   Delete to erase the picture (only visible with the screen in landscape mode).

You can also “Pinch” the screen or touch the zoom icons, to zoom in or out, or double-tap to zoom all the way in or out.

5. Touch Menu to access added options: Favorite, Slideshow, Photo frame, Photo note, Copy to clipboard, Print, Rename, Buddy photo share, Rotate left, Rotate right, Crop, Set as (Contact photo, Home and/or Lock screen wallpaper), Details, or Settings (Accounts, SNS data management, Tags, and/or Sound & shot).
**Camera Options**

Touch these **Options** to configure the camera:

- **Self-portrait**: Switch to the front camera lens, for self-portraits.
- **Flash**: Choose Off, On, or Auto flash.

**Shooting mode**: Choose an automatic shooting mode, from:

- **Single shot**: Take a single photo.
- **Best shot**: The camera automatically selects the best of 5 photos to save.
- **Best face**: The camera automatically selects the best facial shot out of 5 shots to save.
- **Sound & shot**: Record sound to play when viewing a picture.
- **Face detection**: Touch the Camera button to focus on and take a picture of the subject’s face.
- **Panorama**: Take a landscape photo by taking an initial photo and then adding additional images to the initial photo. The guide box lets you view the area in which the second part of the panoramic picture should fall.
- **Share shot**: Use Wi-Fi Direct to share your pictures quickly with your friends.
- **HDR**: Take pictures in HDR (High Dynamic Range) mode to increase image detail.
- **Buddy photo share**: Use face recognition from pictures in your contacts to send your friends or family pictures of themselves.
- **Beauty**: Adjust the contrast to create a smooth facial feature effect.
- **Smile shot**: Touch the Camera button to focus on the subject’s face. If a smile is detected, the picture is taken automatically.
- **Low light**: Adjust the exposure to take better photos in low light conditions.
**Color effects**: Choose color theme for the photo:
No effect, Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.

**Settings**
- **Edit shortcuts**: Select which function shortcuts display in the function menu.
- **Burst shot**: Automatically take multiple pictures in a row instead of a single picture.
- **GPS Tag**: Add GPS location information to photo details.
- **Self-portrait**: Set the front camera so you can take pictures of yourself.
- **Flash**: Choose Off, On, or Auto flash.
- **Shooting mode**: Choose Single shot, Best photo, Best face, Sound & Shot, Face detection, Panorama, Share shot, HDR, Buddy photo share, Beauty, Smile shot, or Low light.
- **Effects**: Apply a color effect to pictures.
- **Scene mode**: Choose a mode to match conditions.
- **Exposure value**: Adjust the picture brightness level by moving the slider.
- **Focus mode**: Choose a type of automatic focus.
- **Timer**: Set a delay before taking a picture.
- **Resolution**: Choose a size (in pixels) for the image.
- **White balance**: Choose a setting for the light source.
- **ISO**: Choose a setting for imaging sensitivity.
- **Metering**: Select a method for measuring light.
- **Auto contrast**: Allow automatic light/dark adjustment.
- **Guidelines**: Enable or disable an onscreen grid to aid in photo composition.
• **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**: Compensates for camera movement.

• **Contextual filename**: Allows you to set the video file name to a name describing the video content or location (for example, South Padre Beach).

• **Voice control**: Activates/deactivates voice control feature that allows you to verbally take a photo.

• **Image quality**: Choose a quality setting for photos.

• **Storage**: Choose to store your pictures in Device memory or on an optional Memory card.

• **Reset**: Set all Camera settings to the defaults.

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**Camcorder**

Use the phone’s built-in Camcorder to record video.

1. From a Home screen, touch **Apps ➔ Camera**.
2. Touch and slide the Mode Button to **Record Mode**.

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

1. From a Home screen, touch Apps ➔ Camera.
2. Touch and slide the Mode Button to Record Mode.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
   • Touch the screen to focus on the area you touched.
   • “Pinch” the screen, or press the Volume key, to zoom in or out.
   • To configure settings, see “Camcorder Options” on page 107.
4. Touch the Record button to start recording.
5. Touch Pause to Pause the camcorder.
6. Touch Stop to stop recording.
7. To capture an image from the video while recording, touch . This feature is not available while the anti-shake feature is activated.

Viewing Your Videos

After you record a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video player.

To view the video after recording:

1. Touch Image Viewer.
2. While viewing the video, use these options:
   • Pinch the screen to zoom in or out.
   • Play to review the video.
   • Share via to send the video.
   • Trim to delete portions of this video.
   • Delete to erase the video.
3. Touch Menu to mark the video as a Favorite, to play the video as part of a Slideshow, to rename the video, to view details about the video, or to access Image Viewer settings (see “Taking Pictures” on page 102).

4. Touch Back to return to the Camcorder to record more videos.

**Camcorder Options**

Configure the camcorder.

1. From a Home screen, touch Apps ➔ Camera.
2. Touch and slide the Mode Button to Record Mode.
3. Use these options to configure the camcorder:

   **Self recording:** Record video with the front camera.

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

   **Recording mode:** Choose a recording mode, from:
   - **Normal:** Record a video of any length.
   - **Limit for MMS:** Record a video of a size suitable for sending in a Video message.

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

• **Edit shortcuts**: Select which function shortcuts display in the function menu.

• **GPS tag**: Add GPS location information to video details.

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

• **Flash**: Choose Off or On.

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

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

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

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

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

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

• **Guidelines**: Display a grid to aid in video composition.

• **Anti-Shake**: Minimize the effect of camcorder movement.

• **Contextual filename**: Allows you to set the video file name to a name describing the video content or location (i.e., South Padre Beach).

• **Video quality**: Choose a quality setting for videos.

• **Storage**: Choose to store your videos in Phone memory or on an optional Memory card.

• **Reset**: Set all Camcorder settings to the defaults.
**Gallery**

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

**Note:** You can increase Gallery photo and video storage by installing a memory card. For more information, see “Installing a Memory Card” on page 11.

1. From a Home screen, touch Apps ➔ Gallery. All of the Albums that hold your pictures and videos display with folder names and number of files.

**Note:** If your device indicates that 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 127.

2. Touch an Album and thumbnails of the contents display.

**Viewing Pictures**

1. From a Home screen, touch Apps ➔ Gallery.
2. Select an album, then touch a picture to view it.
3. While viewing pictures, touch on the screen or touch Menu for options.

  - **Change player:** displays this picture on other, available Digital Living Network Alliance (DLNA) certified devices. See “Group Play” on page 123.
  - **Share via:** send the picture using Group Play, Add to Dropbox, Flipboard, Picasa, or See all (for more options).
  - **Delete** to erase the picture (only visible with the screen in landscape mode).
  - **Camera** to launch the Camera app and take pictures.
4. While viewing pictures, touch Menu for the following additional options:
   - **Edit**: Edit the picture using the downloadable Photo Editor app.
   - **Favorite**: Mark the picture as a Favorite.
   - **Slideshow**: View a slideshow of your photos and videos.
   - **Photo frame**: Apply a selected frame to this picture.
   - **Photo note**: Add a note to the back of this picture.
   - **Copy to clipboard**: Create a copy, to paste into other apps.
   - **Print**: Print the picture using Wi-Fi to a compatible Samsung printer.
   - **Rename**: Change the picture’s filename.
   - **Buddy photo share**: Send the picture to the Contacts whose Contact photos match faces in the picture.
   - **Rotate left**: Rotate the image 90 degrees counter-clockwise.
   - **Rotate right**: Rotate the image 90 degrees counter-clockwise.
   - **Crop**: Crop the image.
   - **Set as**: Assign the picture as a Contact photo, or as wallpaper.
   - **Details**: View information about the picture.
   - **Settings**: Select values for Accounts, SNS data management, Tags, and/or Sound & shot.

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**Viewing Videos**

1. From a Home screen, touch Apps → Gallery, and select an album. A matrix or list of available videos displays.
2. To play a video, touch its thumbnail or list entry.
3. While viewing videos, touch on the screen or touch Menu for options.
   - **Share**: Send the video using Add to Dropbox, Picasa, Google+, Bluetooth, or touch See all to select more options.
   - **Trim**: Remove unwanted frames from this video.
   - **Delete**: Erase this video.
4. Touch Menu for the following additional options:
   • Favorite: Mark this video as one of your favorites.
   • Slideshow: View a slideshow of your photos and videos.
   • Rename: Change the video’s filename.
   • Details: View details about the video.
   • Settings: Access additional options.

**Sharing Using S Beam**

You can also share Gallery photos and videos with compatible devices using S Beam. For more information, refer to “S Beam” on page 146.
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.

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 the Home Screens” on page 33.

You can also add an application icon as a Primary Shortcut that displays on all Home screens. If you add an application as a primary shortcut, the application icon does not display in the Apps screen. For more information, refer to “Primary Shortcuts” on page 39.

**Updating Applications**

Once you have registered your device (see “Software Update” on page 189) and signed into your Google account (f), 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
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 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 the Play Store app.
   • 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. Touch to remove the selected app.
   • View type: Configure the apps screen.
   • Share apps: Select apps you have downloaded (not available for pre-loaded apps) to share via Dropbox, Bluetooth, ChatON, Drive, Email, and so on.
   • Hide applications / Show hidden applications: Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.
Moving Application Icons

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

1. From a Home screen, touch Apps.
2. Touch Menu ➔ Edit.
3. Touch and hold an application icon, then drag it to a new location.
4. Touch Save when you are finished.

Hiding and Showing Application Icons

You can select which icons display on the Apps screen.

To hide app icons:
1. From a Home screen, touch Apps.
2. Touch Menu ➔ Hide applications.
3. Touch the check box for applications that you do not want to display on the Apps screen.
4. Touch Done.
   The Apps screen displays without the hidden applications.

To show app icons:
1. From a Home screen, touch Apps.
2. Touch Menu ➔ Show hidden applications.
3. Touch the check box for applications that you want to display on the Apps screen.
4. Touch Done.

Creating Application Folders

You can create application folders to hold similar applications.

To create a folder:
1. From a Home screen, touch Apps.
2. Touch Menu ➔ Create folder.
3. Enter a folder name and touch OK.
   The new folder displays on the Apps screen.
4. Touch Menu ➔ Edit.
5. Touch and hold an application that you would like to move to a folder, drag it over the folder, and release it.
   The folder icon displays with the application icon displayed on top of it.
6. Repeat step 5 to add additional apps to the folder.
To view information on an application:
1. From a Home screen, touch Apps.
2. Touch Menu ➔ Edit.
3. Touch and drag an application shortcut up to App info.

Task Manager
Your device can run applications simultaneously and some applications run in the background.
Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.

To access the Task Manager:
1. Touch and hold Home, and then touch Task manager.
2. Touch each tab for options:
   • Active applications: View applications running on your device. Touch End to terminate an application or End all to terminate all running applications.
   • Downloaded: View applications installed from Google Play. Touch Uninstall to remove an application from your device.
   • RAM: Display the amount of Random Access Memory (RAM) currently in use. Touch Clear memory to clear inactive and background processes.
   • Clear defaults: Touch Clear to remove defaults.
   • Storage: View internal (System storage) and external (SD card) storage memory statistics.
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, touch 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.

Amazon

Shop with Amazon.

- From the Apps screen, touch Amazon.

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.

- From the Apps screen, touch Amazon Kindle.

Amazon MP3

Access and play your Amazon MP3 purchases and imported music from the Amazon Cloud.

- From the Apps screen, touch Amazon MP3.

Note: You must be registered with Amazon to use the MP3 application. At the prompt, enter your Amazon account credentials.
Amazon Apps

Download apps from Amazon.

- From the Apps screen, touch Amazon Appstore.

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

Audible

Listen to audio books from this app.

- From the Apps screen, touch Audible.

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

Calculator

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

- From the Apps screen, touch Calculator.

Calendar

Record events and appointments to manage your schedule.

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

1. From the Home screen, touch Calendar.
   – or –
   From the Apps screen, touch Calendar.

2. Touch one of the following tabs to choose a calendar view:
   - Year: Display all twelve months of this year.
   - Month: Display the current month.
   - Week: Display the current week. Touch a week at the top of the screen to display another week.
   - Day: Display today’s schedule by hour.
   - List: Display only event and task names and dates for a selected year. Touch a date to hide or show the event or task name.
• **Task:** Display your list of tasks. Touch the sort field to change how your tasks are sorted. Tasks can be sorted by due date, priority, date, week, month, or group.

3. Swipe left or right across the screen to view other years, months, days, or weeks.

4. Swipe up or down the screen to view other events.

5. Use the onscreen keyboard to enter a search term. Possible events display as you type.

6. Touch **Menu** for these options:
   - **Zoom:** In the Week and Day views, increase or decrease the size of the area being viewed.
   - **Go to:** Display a specific date.
   - **Delete:** Delete an event.
   - **Search:** Search for calendar events.

• **Sync:** Synchronize the phones calendar with your account calendars. For more information, refer to “Setting Up Your Accounts” on page 55.

• **Calendars:** Manage calendars synced with this calendar.

• **Settings:** Customize the calendar.

**View settings:**

— **View styles:**
   - **Month view styles:** Choose month view style (Calendar view + list, Calendar view +pop-up).
   - **Week view:** Choose Timeline or Analog view for a week’s events.

— **First day of week:** Choose a day to begin each week.

— **Hide declined events:** Enable or disable display of events.

— **Lock time zone:** When enabled, sets event times and dates to a specified time zone, so that times and dates do not change if you move to another time zone.

— **Select time zone:** When Lock time zone is enabled, specify the time zone for all events.

— **Show week number:** Display the number of the week (1–52) in a W column to the left of Sun.
• Event notification:
  – **Set alerts and notifications**: Choose Alert to receive alerts, Status bar notification to display notifications in the Status bar, or Off for no notifications or alerts.
  – **Select Ringtone**: Choose a ringtone for event notifications, then touch **OK**.
  – **Vibration**: Enable/disable vibration for event notifications.
  – **Quick responses**: Pre-composed text to include with email notifications to meeting attendees, guests, and so on.

**Creating an Event or Task**

1. From the **Apps** screen, touch **Calendar**.
2. Touch **Add new**.
3. Touch **Add event** or **Add task**.
4. Fill in and select the information for this event or task.
5. Touch **Save**.

**Sending Events**

Send events as vCalendar files to other compatible devices.

1. From the **Apps** screen, touch **Calendar**.
2. Touch an event to display its details.
3. Touch **Menu → Share via**.
4. Select the desired Sharing method from the **Share via** pop-up.
5. Follow the prompts to send a copy of a Calendar event to another device. For more information, refer to “Connections” on page 137.

**Camera**

Use the phone’s built-in Camera to take pictures and record video.

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

For more information, refer to “Camera” on page 101. and “Camcorder” on page 105.
City ID
Subscribe to City ID to display city and state for incoming calls, and to look up city and state information for phone numbers.

- From the Applications menu, touch ⌚ City ID.

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

- From the Apps screen, 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: Choose whether the clock calendar and weather displays on the screen, and what outputs are active, when you connect the phone to an optional dock.

Contacts
Contacts lets you access and manage your Contacts list, Contacts Groups, Favorites list, and Speed dial settings. For more information, refer to “Contacts” on page 57.

- From a Home screen, touch ☎ Contacts.
  - or -
  - From the Apps screen, touch ☎ Contacts.

Downloads
View and manage files and other items you download to the phone.

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

Note: Applications you download using Play Store are also managed with that app, and do not appear in the Downloads list.
Drive

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

1. Touch Drive.
2. Sign in to your Google account. For more information, refer to “Setting Up Your Gmail Account” on page 88. A product tour displays the first time you access Drive.
3. Touch Next to view the product tour or touch Go to Drive to get started.

**Tip:** Touch Menu ➔ Product Tour to repeat the product tour at any time.

4. Follow the onscreen instructions to use Drive.
5. Touch Menu ➔ Settings to configure your Drive preferences.
6. Touch Menu ➔ Help to display additional help information.

Dropbox

Dropbox is a “cloud” file storage service. The Dropbox app lets you create an account with Dropbox or link with your existing Dropbox account.

- From the Apps screen, touch 📣 Dropbox.

For more information, refer to dropbox.com.

Email

Send and receive email using popular email services. For more information, see “Email” on page 86.

- From the Home screen, touch 📧 Email.
  — or —
  - From the Apps screen, touch 📧 Email.

Flipboard

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

- From the Apps screen, touch 📝 Flipboard.
**Gallery**

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

For more information, refer to “Gallery” on page 109.

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**Note:** You can increase Gallery photo and video storage by installing a memory card. For more information, see “Installing a Memory Card” on page 11.

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From the **Apps** screen, touch ✉️ Gallery.

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**Gmail**

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

For more information, see “Gmail” on page 88.

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From the **Apps** screen, touch ✉️ Gmail.

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**Google**

Use Google to search the Web.

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

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1. From the Home screen, touch 🔍 Google.
   – or –
   From the **Apps** screen, touch ✉️ Google.
2. Enter search criteria. Search results display automatically. Touch a search result to display it in a browser window.
Google Settings

As Google has become more intertwined with other applications, this menu provides a quick and ready access point to configure preferences for Google+, Maps, Locations, and so on. You can also use the Search function to initiate a Google Search from this menu.

1. From the Apps screen, touch Google Settings and select an onscreen option.
2. Touch one of the Google Settings options.
3. Follow the onscreen prompts to modify your Google Settings.

Google+

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

For more information, refer to “Google+” on page 90.

- From the Apps screen, touch Google+.

Group Play

Using Group Play, you can share documents or photos you are viewing, or music you are listening to, with other Digital Living Network Alliance (DLNA) certified devices connected to the same Wi-Fi network with your device.

1. From the Apps screen, touch Group Play. The Welcome to Group Play! screen displays.
2. For instructions on using Group Play, touch Agree.
Hangouts

Hangouts is a free Windows and 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.

For more information, refer to “Hangouts” on page 89.

From the Apps screen, touch Hangouts.

Help

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

1. From the Apps screen, touch Help.
   The Help screen displays.

2. Select a topic from the menu on the left side of the screen.

3. Read or view the selected topic information in the right side of the screen.

IMDb

Search millions of movies, actors, trailers and much more.

From the Apps screen, touch IMDb.

Internet

Your phone is equipped with a full-HTML browser, that lets you access the Internet.

- From a Home screen, touch Internet.
  – or –
  From the Apps screen, touch Internet.
  Your Wireless Provider’s mobile home page displays in the Internet screen.

Navigating the Web

Selecting items on a page
While browsing web pages, use gestures and menus to navigate:

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

Command Keys

• Touch Back or Backward to return to the previous page.
• To go to the next page, touch Forward.
Touching and dragging
- Touch and drag your finger on the screen to navigate pages, and to reposition pages within the screen.

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

Zoom

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

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

KNOX

Samsung KNOX is a comprehensive enterprise mobile solution for use with both work and play. This application must be downloaded to the device before use.

1. From the Apps screen, touch KNOX.
2. Touch OK and follow the onscreen instructions.

Maps

Use Google Maps to find your current location, get directions, and other location-based information. The Google Maps shortcut displays by default on the Home screen.

Note: You must enable location services to use Maps, and some features require Standalone or Google location services. For more information, see “Location” on page 181.

- From the Apps screen, touch Maps.

Navigating the Map

Zooming
- Double-tap on the screen to zoom in.
- Touch Zoom in or Zoom out.

Scrolling
- Touch and drag on the screen to reposition the map in the display.

Touch
- Touch an icon on the map to display information about the location.
Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and watch from the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

Browse the latest movies and TV shows, then rent or purchase the media for viewing on the phone.

Note: Media Hub service requires a Samsung account, and depends on service availability. For more information, refer to “Creating a Samsung Account” on page 18.

1. From the Apps screen, touch Media Hub.
2. To rent or buy media, you must have a Samsung account. If necessary, touch Menu, then touch Sign in to log in with your existing Samsung account or to create an account.
3. To browse content, touch the Home, Movies, and/or TV Shows tabs.
4. To view content you’ve already purchased or rented, touch the My Media tab.

Messaging

Messaging lets you exchange text and multimedia messages with compatible device users.

For more information, refer to “Messaging” on page 80..

- From a Home screen, touch Messaging.
- or -
  - From the Apps screen, touch Messaging.

Mobile Data Security

Mobile Data Security lets you keep your data safe and secure if your phone is lost or stolen.

Note: Contact your Wireless Provider for details.
Mobile TV

You can watch television shows on your device. Select from a list of options.

- From the Apps screen, touch Mobile TV.

**Important!** After the trial period, charges for service apply. Contact U.S. Cellular® for details.

Music

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

- From the Apps screen, touch Music.

For more information, refer to “Music” on page 93.

My Files

Find, view and manage files stored on an installed memory card. If the file is associated with an application on the phone, you can launch the file in the application.

1. From the Apps screen, touch My Files.
2. Touch a folder and scroll down or up until you locate a file.
3. Touch a file to launch it in the associated application (if the file is associated with an application).
4. While browsing files, use these controls:

   - **Up**: Display a higher directory.
   - **Home**: Display the root directory.
Menu: Displays the following options:

- **Select all**: Mark all files or folders.
- **Create folder**: Create a new folder.
- **Search**: List files and folders that contain the keywords you enter with the on-screen keyboard.
- **View by**: Set how you want to view files and folders.
- **Sort by**: Set the order in which you want to view files and folders.
- **Settings**: Manage My Files settings.

Mark files: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch **Delete** in the Application bar to delete the selected items. Touch **selected** to **Select all** or **Unselect all**.

More options: Once files or folders are marked, touch this icon to move, copy, or rename the file or folder, or view details about the file or folder.

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**Paper Artist**

Using Paper Artist, you can draw or convert photos or images into line art of any of several types and edit and color them.

1. From the **Apps** screen, touch 🎨 **Paper Artist**.
2. Follow the prompts to create or change a drawing.

**Phone**

The Phone application allows you to access the dialer keypad, call logs, and favorites.

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

For more information, refer to “Calling” on page 68.
Photos

Use this application to view and share images or videos via Google’s social network services.

1. From the Apps screen, touch Photos.

Note: This application may not be available depending on the region or service provider.

2. Select one of the following categories:
   - **ALL**: View all the images or videos that are taken or downloaded to the device.
   - **HIGHLIGHTS**: View images or videos grouped by date or album. Touch to view all of the images or videos in the group.

3. Select an image or video.

4. While viewing the image or video, use one of the following options:
   - Modify the image.
   - Share the image or video with others.
   - Delete the image or video.

Play Books

Google Books is now Google Play Books. With Google Play Books, you can shop the world’s largest selection of ebooks and read them anywhere you like—on a phone, phone, e-reader, or the Web.

- From the Apps screen, touch Play Books.

For more information, refer to “Google Play Books” on page 98.

Play Games

Play Games allows you to discover new games and to unify your gaming activities.

Note: Play Games requires that you have or create a Google+ profile.

- From the Apps screen, touch Play Games.
Play Movies & TV
With Google Play Movies & TV, you can rent or purchase thousands of movies and TV shows. You can watch instantly or download your movie or TV show for offline viewing at a later time.

- From the Apps screen, touch Play Movies & TV.

For more information, refer to “Google Play Movies & TV” on page 99.

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

- From the Apps screen, touch Play Music.

For more information, refer to “Google Play Music” on page 99.

Play Newsstand
Subscribe to your favorite magazines so you can have them available to read on your phone at your leisure.

- From the Apps screen, 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.

- From the Home screen, touch Play Store.
  – or –
  From the Apps screen, touch Play Store.
S Memo

The S Memo application can be used to create memos using the keyboard, your finger, or both. You can add images, voice recordings, and text all in one place.

Creating a New Memo

1. Touch S Memo.
2. Touch an existing Memo to open it then touch the screen to enter edit mode.
   – or –
   Touch to start a new memo in text mode with the keyboard displayed.
   – or –
   Touch to start a new memo in drawing mode using your finger or a compatible on-screen writing tool. You can change back and forth in a memo to add text with the keyboard and the pen.

Memo Viewing Options

While viewing your Memos:

1. Touch Menu ➔ View by list to view your memos in a list mode.
   – or –
   Touch Menu ➔ View by thumbnail to view your memos in a thumbnail mode.
2. To delete one or more memos, touch Menu ➔ Delete, select one or all memos, and touch Delete.
3. Touch and hold a memo thumbnail or list entry to display the following options: Edit, Delete, Share via, Export, Sync, Link to Calendar, Rename, Lock/Unlock, Set as, and Print.

Memo Options

While viewing a Memo:

- Touch Memo options for the following options: Share via, Export, Lock, Set as, and Print.

For more information, touch Menu ➔ Help.
S Voice

Use this application to command the device by voice to perform various functions.

1. From the Apps screen, touch S Voice.
   – or –
   From the Home screen, press Home twice in quick succession.
2. Read the Samsung Disclaimer then touch Confirm to continue.
3. Read the Terms of Service then touch Agree to continue.
4. Read the information on the Say what you want, Wake up S Voice, and Edit what you said screens, and touch Next to display the next screen.
5. Read the information on the Help screen, then touch Finish.
6. At the S Voice screen, touch or say “Hi Galaxy” to wake up S voice.
7. Speak into the device and follow the onscreen instructions.
8. Touch Menu for Settings.

Samsung Apps

With Samsung Apps, you can easily download an abundance of applications to your device. These include games, news, reference, social networking, navigation, and more. Samsung Apps makes your Smart phone smarter.

Note: Access to this feature requires that you already be logged in to your Samsung account. For more information, refer to “Creating a Samsung Account” on page 18.

1. From the Apps screen, touch Samsung Apps.
2. If prompted, read the onscreen disclaimer and agree to the information.
3. Follow the onscreen instructions.
Samsung Link

Use this application to share and play content across smart devices anywhere, anytime.

- Touch Apps ➔ Samsung Link.

Visit link.samsung.com to learn more.

Important! You must connect both of your communicating devices to the same Wi-Fi and use an active/registered Samsung account prior to using this application.

For more information, refer to “Wi-Fi Settings” on page 138.

For more information, refer to “Adding an Account” on page 176.

Settings

Tailor your phone to your preferences.

- From the Apps screen, touch Settings.

For more information, see “Settings” on page 151.

Slacker

Listen to your Slacker radio station on your device.

1. From the Apps screen, touch Slacker.
2. Begin selecting the music you want to listen to.

Important! To use some features of this service, you must register with the service.

Tone Room Deluxe

Find, purchase, and download Ringtones and Ringback Tones.

- From the Apps screen, touch Tone Room Deluxe.
Top HD Games
Find and download games.
- From the Apps screen, touch Top HD Games.

Video
Use the Video app to view and manage videos stored on your phone.
- From the Apps screen, touch Video.
For more information, refer to “Video” on page 100.

Voice Recorder
Record your voice or other sounds, and share recordings using Bluetooth, Messaging, or Gmail.
- From the Apps screen, touch Voice Recorder.
For more information, refer to “Voice Recorder” on page 90.

Voice Search
Voice Search offers voice-activated Google searches. If you agree, Voice Search uses your location to improve search results and offer other services.
- From the Apps screen, touch Voice Search.

VPN Client
VPN Client lets you define multiple Virtual Private Networks (VPNs) to your device and connect to them as needed by simply selecting a connection from the VPN Client list.
- From the Apps screen, touch VPN Client.
**Wallet**

The Google Wallet app stores credit, debit, and/or gift card information, PayPal account information, and other payment options, giving you quick and easy access when making on-line or in-store purchases.

**Note:** Google Wallet requires an active Google account, and that your phone’s NFC function is active. For more information, refer to “Your Google Account” on page 18 and to “NFC” on page 157.

1. From the Apps screen, touch 🛒 Wallet.
   The Set up wallet screen appears, followed by the Google Wallet screen.
2. Under SELECT ACCOUNT, select your Google account and/or select Add new account.
   The Welcome to Google Wallet screen appears.
3. Touch Get started now.
   The Set up Wallet screen appears.
4. Follow prompts to enable and use Google Wallet.

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**Your Navigator Deluxe**

Provides all the features of an advanced car navigation system. Obtain turn-by-turn driving directions with GPS accuracy. Search for any destination (including gas stations, ATMs, restaurants, and more). View detailed maps of any location.

**Important!** Your Navigator Deluxe requires you to activate the GPS location function on your phone. For more information, refer to “Location” on page 181.

1. From the Apps screen, touch 🗺 Your Navigator Deluxe.

**Note:** If the GPS location function on your phone is inactive, follow the prompts to activate it. For more information, refer to “Location” on page 181.

**Tip:** The first time you launch Your Navigator Deluxe, your phone downloads Your Navigator Deluxe updates and applications not included with Your Navigator Deluxe to save storage. Activating Wi-Fi can save data charges during this download. For more information, refer to “Wi-Fi” on page 137.
2. From the Your Navigator Deluxe Home screen select one of the following options:
   • **Drive To**: Obtain turn by turn directions to an address, airport, contact address, and more.
   • **Places**: Search for nearby businesses, the cheapest gas prices, and more.
   • **Maps & Traffic**: View your current location on a map and any traffic in the area.
   • **Local Apps**: Launch applications that enhance Your Navigator Deluxe sessions.

**YouTube**

Access your YouTube™ account, and view and upload YouTube videos from the phone.

1. From the **Apps** screen, touch 🎬 **YouTube**.
2. Follow the onscreen instructions for using the YouTube application.
This section describes the various connections your phone can make, including Wi-Fi, Bluetooth, and Connecting to your PC.

**Wi-Fi**

Wi-Fi is a wireless networking technology that provides access to local area networks. Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials). This phone supports the 802.11 a/b/g/n Wi-Fi protocols.

**Turning Wi-Fi On or Off**

When you turn Wi-Fi service on, your phone automatically searches for available, in-range “hotspots”, which are also called WAPs (Wireless Access Points).

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Wi-Fi.
2. Touch the OFF/ON button to turn Wi-Fi ON or OFF.

You can also use the following method to quickly turn Wi-Fi on or off:

1. From the top of a Home screen, swipe your finger downward to display the Notifications screen.

2. At the top of the Notifications screen, touch Wi-Fi to turn Wi-Fi On or Off.

**Scanning and Connecting to a Wi-Fi Network**

1. Turn Wi-Fi on.

   Your phone scans for available hotspots and displays a list of any it finds.

2. To connect to a hotspot, touch it on the pop-up list.
   - If the Wi-Fi network is open, you are automatically connected.
   - If the Wi-Fi network is secured, enter the password at the prompt to connect.
Adding a Wi-Fi Network Manually

1. From a Home screen, touch \( \text{Menu} \) ➔ \text{Settings} ➔ Connections ➔ Wi-Fi.
   The Wi-Fi options screen displays.
2. Touch the OFF/ON button to turn Wi-Fi ON \( \text{ON} \).
3. Touch Add Wi-Fi network, then enter the following values:
   • Network SSID: Enter the name of the WAP (Wireless Access Point).
   • Security: Select the type of security used by the WAP.
   • Password: If the WAP is secured, enter the password or key.
4. Touch Connect.

Wi-Fi Settings

Configure and manage connections to Wi-Fi access points.

1. From a Home screen, touch \( \text{Menu} \) ➔ \text{Settings} ➔ Connections ➔ Wi-Fi.
2. Touch options to configure:
   • Add Wi-Fi network: Connect to a new Wi-Fi network (see “Adding a Wi-Fi Network Manually” on page 138).
   • Scan: Search for available Wi-Fi networks.
   • Wi-Fi Direct: Access Wi-Fi Direct settings (see “Wi-Fi Direct” on page 139).
3. Touch \( \text{Menu} \) to access the following additional options:
   • Advanced
     – Network notification: When enabled, your phone notifies you of nearby Wi-Fi networks when you launch a high data-usage application.
     – Sort by: Select whether WAPs are listed in Alphabet order or Signal Strength order.
— **Keep Wi-Fi on during sleep**: Specify when to switch from Wi-Fi to mobile data for data communications, when your phone goes to sleep (when the backlight goes out). This setting can affect your data usage, and the behavior of devices you connect to your phone, such as when tethering or using portable Hotspot.

— **Always allow scanning**: When enabled, Google location service and other apps scan for Wi-Fi networks, even when Wi-Fi is turned OFF.

— **Install certificates**: Installs optional security certificates from an installed microSD card. For more information, refer to “Installing a Memory Card” on page 11.

— **MAC address**: (Not configurable) View your phone’s MAC address, needed for connecting to some secured networks (only displays when Wi-Fi is active).

— **IP address**: (Not configurable) View your phone’s IP address (only displays when connected to a Wi-Fi network).

- **WPS push button**: Record/send the signal from the Wi-Fi Protected Set-up push button on your Wi-Fi router.

- **WPS PIN entry**: Record/send the Wi-Fi Protected Set-up Personal Identification Number for your Wi-Fi router.

### Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly through Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. For example, some printers support Wi-Fi Direct, and you can print from your phone using Wi-Fi Direct.

#### Turning Wi-Fi Direct On or Off

1. From a Home screen, touch **Menu ➔ Settings ➔ Connections ➔ Wi-Fi**.

2. Touch the **OFF/ON** button to turn Wi-Fi **ON**. Wi-Fi must be on to use Wi-Fi Direct.

3. Touch **Wi-Fi Direct**.

   The **Wi-Fi Direct** screen displays, and your phone scans for available Wi-Fi Direct devices and lists them under Available devices.
Connecting to a Wi-Fi Direct Device

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Wi-Fi.
2. Touch the OFF/ON button to turn Wi-Fi ON . Wi-Fi must be on to use Wi-Fi Direct.
3. Enable Wi-Fi Direct on the other device. Consult the other device’s documentation for more information.
4. On your phone, touch Wi-Fi Direct.
5. In the Available devices list, touch a device to connect with it, or touch Multi connect to connect to multiple devices (not all devices support Multi connect).
6. Follow the prompts on both devices to complete the connection.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Turning Bluetooth On or Off

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Bluetooth.
2. Touch the OFF/ON button to turn Bluetooth ON or OFF.

You can also use the following method to quickly turn Bluetooth on or off:

1. From the top of a Home screen, swipe your finger downward to display the Notifications screen.
2. At the top of the Notifications screen, touch Bluetooth to turn Bluetooth On or Off.
**Pairing with a Bluetooth Device**

Search for a Bluetooth device and pair with it, to exchange information between your phone and the device. After pairing, your phone and the target device connect with each other and exchange information without a pass code or PIN.

**Note:** When connected, the Bluetooth connected icon displays in the Status Bar. If you receive a new request for connection while connected with a Bluetooth headset, a new Bluetooth icon displays at the left of the Status bar and Notifications displays the connection request.

1. Activate the target device’s discoverable mode.
2. Turn on Bluetooth from your phone (see “Turning Bluetooth On or Off” on page 140). A list of detected devices displays.
3. Touch the Visibility field (shown by the device name). The device must be visible to pair with an external device.
4. Touch Scan. Your device displays a list of discovered in-range Bluetooth devices.
5. Touch a device from the list to initiate pairing.
6. Enter the passkey or PIN code, if needed, and touch OK.
7. The external device must accept the connection and enter your device’s PIN code.

**Tip:** Some devices use a default pass code of 0000. Refer to the target device’s user manual for more information.

8. When prompted to connect with the target device, touch OK to complete the connection, touch Cancel to retain the pairing only.
Connecting with a Bluetooth Device

1. Turn Bluetooth ON (see “Turning Bluetooth On or Off” on page 140).
2. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Bluetooth.
3. Under Available devices, touch a previously paired device.
   The device connects with your phone.

Bluetooth Settings

Pair and connect with other Bluetooth devices, manage your Bluetooth connections, and control your device’s visibility to other devices.

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

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Bluetooth.
2. Touch the OFF/ON button to turn Bluetooth ON or OFF.
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 with a Bluetooth Device” on page 141).
   • 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.
**Bluetooth Profiles**

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

- **Headset**: HSP v1.2 profile supports use of compatible Bluetooth headsets for mono voice.
- **Handsfree**: HFP v1.5 profile supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.
- **Stereo**: A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.
- **Object Exchange**: OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.
- **Human Interface Devices**: HID v1.0 profile supports certain interface devices.
- **Personal Area Networking**: PAN 1.0 supports exchange of data with other devices.
- **Message Access Profile**: MAP 1.0 allows exchange of messages between devices, such as with an automotive hands-free device.
VPN

You can use your phone’s VPN (Virtual Private Network) feature to connect to VPNs.

Accessing a VPN

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ More networks ➔ VPN.
2. Enter a password for credential storage.
3. Touch a VPN and follow any prompts to access the network.

Adding a VPN

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ More networks ➔ VPN.
2. Touch Add.
3. Enter a name for the VPN network in the Name field.
4. Select a VPN type from the Type drop-down menu.
5. Enter the Server address and any other required fields that are dependent upon the Type you entered previously.
6. Touch PPP encryption (MPPE) to enable or disable encryption.
7. Touch the Show advanced options check box to display additional VPN options.
8. Touch Save to save your VPN settings.

Edit or Delete a VPN

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ More networks ➔ VPN.
2. Touch and hold the VPN that you want to edit or delete.
3. In the pop-up window, touch:
   • Edit network, make the desired VPN setting changes, and touch Save.
   – or –
   • Delete network to delete the VPN.
   Note: You must enable PIN or Password security before setting up a VPN. If you have not yet enabled security, you are prompted to do so the first time you launch VPN settings.
VPN Options

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ More networks ➔ VPN.
2. Touch Menu ➔ Always-on VPN to select a VPN profile to always stay connected.

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as Android Beam and S Beam.

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ NFC
2. Touch the OFF/ON button to turn NFC ON.

Note: NFC must be turned ON to use Android Beam or S Beam.

Android Beam

When Android Beam is activated, you can beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. Turn Android Beam On.
2. Launch the desired feature or application or browse to the desired web page. For more information, refer to “Applications” on page 112.
3. Place your phone back-to-back with the device to receive your “beamed” content, then touch the screen on your phone. The receiving device prompts the user to accept your “beamed” content.
4. Once the user of the receiving device accepts your “beamed” content, it displays on the screen of that device.

Turning Android Beam On or Off

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ NFC.
2. Touch the OFF/ON button to turn NFC ON.
3. Touch the OFF/ON button next to Android Beam to turn it ON or OFF.
S Beam

When S Beam is turned ON, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your gallery, music files from your music player, and more.

Turning S Beam On or Off

1. From a Home screen, touch Menu ➔ Settings ➔ Connections.
2. Touch the OFF/ON button next to NFC to turn it ON.
   NFC must be ON to use S Beam.
3. Touch the OFF/ON button next to S Beam to turn it ON.

Using S Beam

1. Turn S Beam ON.
2. Launch Camera, Music Player, or Gallery.
   When using Gallery, you can select multiple files to S Beam.
3. Place your phone back-to-back with the device to receive your “beamed” content, then touch the screen on your phone. The receiving device prompts the user to accept your “beamed” content.
4. Once the user of the receiving device accepts your “beamed” content, it displays on the screen of that device.
Nearby Devices

Share files with nearby Digital Living Network Alliance (DLNA) certified devices over Wi-Fi.

Note: To use Nearby devices for sharing, you must have set up a connection with another Wi-Fi device that supports DLNA.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. For more information, refer to “Wi-Fi” on page 137.
2. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Nearby devices. The Nearby devices screen displays.
3. Touch the OFF/ON button to turn Nearby devices ON.
4. Under Advanced, touch options to control how content is shared from your device:
   • Shared contents: Choose the type of content to share, from Videos, Photos, or Music.
   • Allowed devices: Lists Wi-Fi devices allowed to access your device.
   • Denied devices: Lists Wi-Fi devices blocked from accessing your device.
   • Download to: Choose a location to save downloaded content, Device (USB storage) or SD card.
   • Download from other devices: Choose how to handle incoming files from other devices, from Always accept, Always ask, or Always reject.
5. Touch Menu ➔ Rename device to change the name of your device. This is the name other devices will see.
Screen Mirroring

Screen Mirroring lets your phone share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions.

Note: To view more information about DLNA certified products, visit dlna.org/consumer-home.

1. Connect your phone and another DLNA certified device to the same Wi-Fi network. For more information, refer to “Wi-Fi” on page 137.
2. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ Screen Mirroring. The Screen Mirroring screen displays with Screen Mirroring already active and begins scanning for available devices. All detected DLNA certified devices are listed under Available devices.
3. Touch the desired device to establish a connection. You can now view the contents of your phone’s display on the connected device.

Portable Wi-Fi Hotspot

Use Portable Wi-Fi hotspot to share your phone’s access to your Wireless Provider’s Internet connection with up to 5 other devices through Wi-Fi connections.

Note: Portable Wi-Fi hotspot requires a subscription to your Wireless Provider’s applicable data service. Portable Wi-Fi hotspot consumes battery power and uses data service.

While Portable Wi-Fi hotspot is active, your phone’s applications use the Portable Wi-Fi hotspot data feature allowance.

Configuring Portable Wi-Fi Hotspot Settings

Configure your phone’s Portable Wi-Fi hotspot settings, including your phone’s name and password, and set the visibility of your phone’s Wi-Fi hotspot.

Tip: By default, your device’s Portable Wi-Fi hotspot is visible, and any device can connect. For more information about configuring your mobile hotspot, see “Configuring Portable Wi-Fi Hotspot” on page 156.
Securing Your Portable Wi-Fi Hotspot

Your Portable Wi-Fi hotspot includes a generated password to limit access. To further limit access to your Portable Wi-Fi hotspot, do either or both of the following:

- Create an allowed device list and set the connection mode for allowed devices.
- “Hide” your Mobile hotspot.

To set up these options, see “Configuring Portable Wi-Fi Hotspot” on page 156.

Turning Portable Wi-Fi Hotspot ON

Turn Portable Wi-Fi hotspot ON to allow other devices to use your phone to access your Wireless Provider’s Internet connection.

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ More networks ➔ Tethering and Wi-Fi hotspot.
2. Touch the OFF/ON button to turn Portable Wi-Fi hotspot ON.

Connecting a Device Using Portable Wi-Fi Hotspot

Use the other device’s Wi-Fi control to connect to your phone’s Portable Wi-Fi hotspot.

On your phone:

1. Turn Portable Wi-Fi hotspot ON. See “Turning Portable Wi-Fi Hotspot ON”.

On the other devices:

2. Activate Wi-Fi.
3. Scan for Wi-Fi hotspots and select your phone from the list. To find your phone’s name, see “Configuring Portable Wi-Fi Hotspot” on page 156.
4. At the prompt, enter your phone’s Portable Wi-Fi hotspot password.

Tip: For information on changing your phone’s Portable Wi-Fi hotspot password, see “Configuring Portable Wi-Fi Hotspot” on page 156.
Tethering

Use Tethering to share your phone’s Internet connection with a computer connected to your device using the USB data/charging cable, or using Bluetooth.

For more information, refer to “Tethering” on page 157.

1. From a Home screen, touch Menu ➔ Settings ➔ Connections ➔ More networks ➔ Tethering and Wi-Fi hotspot.

   The Tethering and Wi-Fi hotspot screen displays.

2. Choose a tethering method:
   - **USB tethering:** Connect the computer to your phone using a USB cable, then touch USB tethering to turn tethering On or Off. A check mark displays to indicate activation.
   - **Bluetooth tethering:** Connect your phone with the computer using Bluetooth. Consult the computer’s documentation for more information about using your computer to make a Bluetooth connection. Touch Bluetooth Tethering to turn tethering On or Off. A check mark displays when activated.
   - **Help:** Provides assistance with tethering.

**Note:** Using Tethering requires a subscription to your Wireless Provider’s mobile data service.

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Personal Computer Connections

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in your phone, you can also access the files directory from the memory card by using the device as a memory card reader.

**Note:** The file directory will show the memory card as a folder name Card, and your phone’s internal memory as a folder named Phone.

1. Insert a memory card into the device to transfer files from or to the memory card.
2. Attach your device to the computer with the USB cable.
   
   Your computer recognizes the connection and displays the Auto Play screen.
3. Click the option to Open device to view files. You should see a Card and a Phone folder.
4. Copy files from the PC to the memory card (Card folder).
5. When finished, close the PC folder and disconnect the USB cable.
Section 9: Settings

Accessing Settings

- From the Home screen, touch Menu ➔ Settings.
- or –
- From a Home screen, touch Apps ➔ Settings.
- or –
- Pull down the Notifications screen, and then touch Settings. For more information, refer to “Notifications” on page 35.

The Settings screen displays.

Note: This section does not include information about Call settings. For Call settings information, see “Call Settings” on page 75.

Settings Tabs

Your phone’s Settings are divided into 4 main groups. When the Settings screen displays, the following tabs are located at the top of the screen.

- **Connections**: Connect to wireless networks, manage mobile networks, and connect to other devices.
- **My device**: Personalize your phone, including the display, sounds, the lock screen, accessibility features, language and input methods, and more.
- **Accounts**: Add and manage your email and other accounts, and access Cloud and back up your data.
- **More**: Manage location services, security, storage, and other features of your phone.
**Wi-Fi**
Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device’s Wi-Fi connections.
For more information about using your phone’s Wi-Fi features, see “Wi-Fi” on page 137.

**Wi-Fi Direct**
Wi-Fi Direct allows devices to connect to each other directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection.
For more information about using your phone’s Wi-Fi Direct features, see “Wi-Fi Direct” on page 139.

**Bluetooth**
Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.
For more information about using Bluetooth to exchange information with other Bluetooth devices, see “Bluetooth” on page 140.

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**Data Usage**
Monitor data usage, and control your phone’s connection to mobile data service.

**Note:** Data is measured by your phone. Your service provider may account for data usage differently.

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**Turning Mobile Data On or Off**

1. From the **Settings** screen, touch \ Connections \ Data usage. 
   The Data usage screen displays.
2. To enable mobile data, touch **Mobile data**.
3. To enable the limit, touch **Set mobile data limit**. A red limit line displays in the Data usage screen.
4. 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.
5. To adjust the mobile **Data usage cycle**, touch and drag the vertical usage cycle lines left or right on the graph.
6. Touch Menu to display additional options. Touch each check box to enable the feature or option.

- **Data roaming**: Allow your phone to use mobile data when roaming. Additional charges may apply. See your service plan for details.

- **Restrict background data**: Prevent the phone from connecting to the mobile data network in the background for synchronization or other services.

- **Auto sync data**: Allows your accounts to automatically synchronize. (When disabled, reduces mobile data usage and conserves battery power, but you must manually sync your accounts.)

- **Show Wi-Fi usage**: Display data usage while connected to Wi-Fi.

- **Mobile hotspots**: Lets you mark a detected Wi-Fi hotspot as a mobile hotspot (a check mark appears in the check box), restricting background apps from using this hotspot and warning you when you attempt to use it for large downloads.

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**More Networks**

Access additional options for configuring connections between your phone and other devices.

**Airplane Mode**

When airplane mode is enabled, all the phone’s wireless connections are disabled, and you cannot make or receive calls [except for Emergency (E911) calls] or messages. You can, however, make Wi-Fi and Bluetooth connections.

While in airplane mode, you can use other features of the phone, such as playing music, watching videos, or using other applications.

1. From the Settings screen, touch Connections ➔ More networks and then touch **Airplane mode** to enable or disable airplane mode. When enabled, a check mark displays in the check box.

2. At the **Turn on Airplane mode** prompt, touch **OK**.

**Note:** When enabled, the Airplane mode icon displays in the Status Bar.
Default Messaging App
This setting lets you select the messaging app that your phone is to use by default to receive your incoming messages.

1. From the Settings screen, touch Connections ➔ More networks ➔ Default messaging app.
The Default messaging app menu pops up.
2. Select Messaging or Hangouts.

Printing
Select a Wi-Fi-connected printer to print files from your phone.

1. From the Settings screen, touch Connections ➔ More networks ➔ Printing.
2. Touch the desired print service and follow the prompts.

Mobile Networks
Set options for network selection, data service, and roaming behavior.

1. From the Settings screen, touch Connections ➔ More networks ➔ Mobile networks.
The Mobile networks screen displays.
2. Set these options:
   • Mobile data: Enable or disable the phone’s connection to the mobile data network. You can also control this setting at Notifications with the Mobile data toggle.
   • Data roaming: Enable or disable connection to data services when your device is roaming on another network. For more information about roaming, see “Roaming” on page 19.
   • Network mode: Select the network mode you prefer (LTE/CDMA or CDMA).
   • System select:
     — Home only: Restricts the phone to your Wireless Provider’s mobile networks.
     — Automatic: Permits the phone to automatically roam to networks other than that provided by your Wireless Provider.
Tethering and Wi-Fi Hotspot

Portable Wi-Fi Hotspot

Turning ON Portable Wi-Fi hotspot turns your phone into a Wi-Fi Internet access point (hotspot) and allows up to 5 other devices to connect to it using a Wi-Fi connection. These devices have Internet access through your Wireless Provider’s data network.

To enhance security, you can create an allowed device list and set the connection mode for Allowed devices only. This feature enables mobile data and consumes more battery power.

Note: Using this device as a Hotspot requires a subscription to data service. For more information, contact your Wireless Provider.

Turning Portable Wi-Fi Hotspot On or Off

1. From the Settings screen, touch Connections ➔ More networks ➔ Tethering and Wi-Fi hotspot. The Tethering and Wi-Fi hotspot screen displays.

2. Touch the OFF/ON button to turn Portable Wi-Fi hotspot ON or OFF.

Note: Using the phone as a mobile hotspot consumes battery power and uses data service. While Portable Wi-Fi hotspot is active, the phone’s applications will use your Wireless Provider’s data service. Roaming while using the phone as a mobile hotspot will incur extra data charges.
Configuring Portable Wi-Fi Hotspot

1. From the Settings screen, touch Connections ➔ More networks ➔ Tethering and Wi-Fi hotspot.
   The Tethering and Wi-Fi hotspot screen displays.

2. Touch the OFF/ON button to turn Portable Wi-Fi hotspot ON.
   The Portable Wi-Fi hotspot screen displays.

3. Touch Portable Wi-Fi hotspot.
   The Portable Wi-Fi hotspot screen displays.

4. Touch Configure to access the following options:
   - **Network SSID**: View and change the name of your Portable Wi-Fi hotspot.
   - **Hide my device**: When enabled, your Portable Wi-Fi hotspot is not visible to other Wi-Fi devices during a scan. Other devices can still connect to your Portable Wi-Fi hotspot, but a manual connection is required that uses your Network SSID and Password.
   - **Security**: Choose the security level for your Portable Wi-Fi 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 Portable Wi-Fi hotspot.

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Allowed Devices

Restrict what devices can connect to your Mobile Wi-Fi Hotspot with the Allowed devices list. After you add devices to the list, they can connect to your device using your device’s Wi-Fi hotspot name (SSID) and password.

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

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1. From the Settings screen, touch Connections ➔ More networks ➔ Tethering and Wi-Fi hotspot ➔ Portable Wi-Fi hotspot.
   The Portable Wi-Fi hotspot screen displays.

2. Touch Allowed devices ➔ , then enter the other device’s Device name and MAC address.

3. Touch OK to add the device to the Allowed devices list.
Tip: For information about connecting to your Portable Wi-Fi hotspot, see “Portable Wi-Fi Hotspot” on page 148.

Tethering

Use Tethering to share the phone’s Internet connection with a computer that connects to your device using a USB cable, or by Bluetooth.

For more information about connecting computers to the phone using Tethering, see “Tethering” on page 150.

1. From the Settings screen, touch ▼ Connections ➔ More networks ➔ Tethering and Wi-Fi hotspot.

The Tethering and Wi-Fi hotspot screen displays.

2. Choose a tethering method:
   • USB tethering: Connect the computer to the phone using a USB cable, then touch USB Tethering to turn tethering On or Off. When On, a check displays in the check box.
   • Bluetooth tethering: Pair the phone with the computer using a Bluetooth connection. Consult the computer’s documentation for more information about configuring your computer to pair using Bluetooth. Touch Bluetooth Tethering to turn tethering On or Off. When On, a check displays in the check box.

Note: Using Tethering requires a subscription to your Wireless Provider’s mobile data service.

VPN

Set up and manage Virtual Private Networks (VPNs).

For more information about using VPNs, see “VPN” on page 144.

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.

For more information, refer to “NFC” on page 145.

Android Beam

With Android Beam, you can 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 145.
**Tap and Pay**

When NFC is turned on, you can use the Tap and Pay feature to pay for items just by touching your phone to a reader at a register.

To manage your Tap and Pay apps:
1. From the **Settings** screen, touch **Connections** → **NFC**.
2. Touch **Tap and pay**.
3. Touch an app to make it your default payment app.

**Tip:** Browse Google Play Store for other payment apps.

**S Beam**

With S Beam, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your gallery, music files from your music player, and more.

For more information, refer to “S Beam” on page 146.

**Nearby Devices**

Share files with nearby devices via DLNA (Digital Living Network Alliance) over Wi-Fi.

For more information, refer to “Nearby Devices” on page 147.

**Screen Mirroring**

Share the contents of its display with other Digital Living Network Alliance (DLNA) certified devices, such as Smart televisions.

For more information, refer to “Screen Mirroring” on page 148.
Lock Screen

Choose settings for locking and unlocking your phone. For more information about using the lock and unlock features, see “Securing Your Phone” on page 19.

Screen Lock

1. From the Settings screen, touch My device ➔ Lock screen.
2. Touch Screen lock for these options then follow the onscreen instructions to set up your Screen lock:
   - **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

The following options are available depending on the Screen Lock type that you have selected.

Swipe Options

The options available when Screen lock is set to Swipe are:

- **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.
- **Edit shortcuts**: Edit the shortcuts shown at the bottom of the lock screen.
- **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 Set wake-up command and follow the onscreen prompts to create a new verbal command.
**Face Unlock Options**

These options are available when Screen lock is set to Face unlock or Face and voice:

- **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**: Automatically lock the phone when the screen has turned off after a selected amount of time.
- **Lock instantly with power key**: Instantly lock your phone by pressing the Power/Lock Key.

**Pattern Options**

These options are available when Screen lock is set to Pattern:

- **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**: Automatically lock the phone when the screen has turned off after a selected amount of time.
- **Lock instantly with power key**: Instantly lock your phone by pressing the Power/Lock Key.

**PIN and Password Options**

These options are available when Screen lock is set to Pin or Password:

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Lock automatically**: Automatically lock the phone when the screen has turned off after a selected amount of time.
- **Lock instantly with power key**: Instantly lock your phone by pressing the Power/Lock Key.
**Display**

In this menu, you can change various settings for the display.

- From the **Settings** screen, touch **My device ➔ Display**.

The following options display:

**General**

- **Wallpaper**: Assign a wallpaper for the Home screen, Lock screen, or both.
- **Notification panel**: Enable or disable Brightness adjustment from the Notification panel and set which quick setting buttons display on the Notification panel.
- **Multi window**: When enabled, Multi window lets you run two apps at the same time. For more information, refer to “**Multi Window**” on page 28.
- **Page buddy**: Allows 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 **OFF/ON** button to turn Page buddy ON.

**Screen**

- **Brightness**: Configure the LCD Brightness levels. Touch **Automatic brightness** to allow the phone to self-adjust or drag the slider and touch **OK**.
- **Auto rotate screen**: When enabled, automatically switches the display orientation 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, 2 minutes, 5 minutes, and 10 minutes.
- **Daydream**: When set to ON, lets you configure the screen that appears when your phone is docked or sleeping. Touch the **OFF/ON** button to turn Daydream ON.

**Tip**: When turned ON, your Daydream settings take the place of the Desk home screen display setting. For more information, refer to “**Accessories**” on page 167.
Font

- **Font style**: Select the text font style that appears in screens. You can also touch **Download** to choose from a wider selection.
- **Font size**: Select the size of the text that appears in screens.

More settings

- **Touch key light duration**: Select the inactive time the Menu and Back keys remain lit.
- **Show battery percentage**: When enabled, the battery charge percentage appears next to the battery charge icon at the top of the display.
- **Auto adjust screen tone**: When enabled, saves power by having the phone analyze the displayed screen images and adjust the display brightness.

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**LED Indicator**

Select which alerts cause the LED indicator (upper left corner of the phone) to come on while the phone’s screen is off.

From the **Settings** screen, touch **My device ➔ LED indicator**.

The following options display:

- **Charging**: When enabled, LED indicator lights red while the phone’s battery is charging.
- **Low battery**: When enabled, LED indicator flashes red when the phone’s battery charge level becomes low.
- **Notifications**: When enabled, LED indicator flashes blue when you have missed calls, new messages, or application events.
- **Voice recording**: When enabled, LED indicator flashes blue when you are recording a voice note.
Sound

From the Settings screen, touch My device ➔ Sound.

The following options display:

- **Volume**: Set the system volume level, and set default volume for media playback, call ringtones, notifications, and system.

Tip: You can also set System volume from the Home screen by pressing the Volume key Up or Down.

- **Vibration Intensity**: Set the level for vibration to accompany ringtones, notifications, and Haptic feedback.

Ringtones and notifications

- **Ringtones**: Choose a ringtone for incoming calls. You can Add music files to the list for use as a ringtone.

Tip: You can set songs as ringtones for all calls, or for a selected contact. For more information, refer to “Music” on page 127.

- **Vibrations**: Choose or create a vibration pattern to use when vibration is enabled.

- **Notifications**: Choose a default sound to play for notifications, such as for new messages and event reminders.

Tip: You can set songs as notification ringtones. For more information, refer to “Music” on page 127.

- **Vibrate when ringing**: When enabled, vibration is played at the same time as sounds for calls and alerts.

Feedback

- **Dialing keypad tone**: When enabled, a tone sounds when you touch keys on the Phone keypad.

- **Touch sounds**: When enabled, a tone sounds when you touch keys on the Phone keypad.

- **Screen lock sound**: When enabled, the screen lock sound plays when you lock or unlock the screen.

- **Haptic feedback**: When enabled, the phone vibrates to indicate screen touches and other interactions.

- **Auto haptic**: When turned ON, haptic vibrations occur in response to sounds from downloaded apps, such as games.

Note: Some downloaded apps do not support this feature.
• **Emergency Tone**: You can set the phone Emergency tone to Off, or to play an Alert tone, or to Vibrate during an emergency call (for example, calls to 911).

**Samsung applications**
Access sound settings for select applications on your phone.
• **Call**: See “Call Settings” on page 75.
• **Messaging**: See “Message Settings” on page 83.
• **Email**: See “Email Account Settings” on page 88.
• **Calendar**: See “Calendar” on page 117.

**Samsung keyboard**
• **Sound when tapped**: When enabled, a tone sounds when you touch keys on the Samsung keypad.
• **Vibrate when tapped**: When enabled, your device vibrates when you touch keys on the Phone keypad.

**HDMI**
• **Audio output**: Choose to have your phone play Stereo or Surround sounds over the HDMI output.

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**Home Screen Mode**
Select the Home screen layout that best suits your needs.

1. From the **Settings** screen, touch **My device ➔ Home screen mode**.
   The Home screen mode screen displays.

2. Select the desired Home screen mode:
   - **Standard mode**: A conventional layout for apps and widgets on the Home screen panels.
   - **Easy mode**: A simplified apps and widgets layout for first time smartphone users.

3. Touch **Apply** to confirm.

**Call**
For information about Call settings, see “Call Settings” on page 75.
Blocking Mode

When enabled, Blocking mode lets you select which notifications you receive.

1. From the Settings screen, touch My device → Blocking mode.
2. Touch the OFF/ON button to turn Blocking mode ON.

The following options display:

Features
• Block incoming calls: Blocks incoming calls from everyone except Allowed contacts.
• Turn off notifications: Blocks notifications from playing an alert tone.
• Turn off alarm and timer: Blocks notifications from Clock and Calendar alarms, and from timers.
• Turn off LED indicator: Stops LED indicator from lighting.

Set time
• Always: When enabled, Blocking mode stays active until you turn it off.
• From: With Always disabled, select the time when Blocking mode turns on.
• To: With Always disabled, select the time when Blocking mode turns off.

Allowed contacts
• Allowed contacts: Select contacts from whom the phone is to accept incoming calls. [Options are: None, All contacts, Favorites, Custom (selecting this option enables Allowed contact list).]
• Allowed contact list: Add and remove contacts from whom the phone accepts calls when Blocking mode is on.

3. Select the desired option to enable or disable it.
Hands-Free Mode

Hands-free mode allows you to select whether your phone announces in plain language incoming calls and messages, alarm information, and/or schedule alarm information from your Calendar.

1. From the Settings screen, touch My device ➔ Hands-free mode.
2. Touch the OFF/ON button to turn Hands-free mode ON. The following options display:
   - **Incoming call**: When enabled, your phone reads out caller information for incoming calls.
   - **Messages**: When enabled, your phone reads out sender information for incoming messages.
   - **Alarm**: When enabled, your phone reads out alarm information.
   - **Calendar event info**: When enabled, your phone reads out Calendar event alarm information.

Power Saving Mode

Configure Power saving settings to conserve battery power.

1. From the Settings screen, touch My device ➔ Power saving mode.
   The Power saving mode screen displays.
2. Touch the OFF/ON button to turn Power-saving mode ON.

Tip: Power-saving mode must be set to ON to configure the Power saving mode settings.

3. Touch the following Power saving mode settings to enable or disable them. When an option is enabled, a check mark displays in its check box.
   - **CPU performance**: When enabled, the phone’s maximum performance is limited. This does not affect normal usage, such as browsing and video playback.
   - **Screen output**: When enabled, the screen uses reduced frame refresh rate and lower brightness.
   - **Disable haptic feedback**: When enabled, no vibration plays when you touch the screen.
4. Under **Power saving tips**, touch **Learn about power saving** to read information about Power saving options.

**Accessories**

This screen allows you to select the Audio output mode when using a car or desk dock.

1. From the **Settings** screen, touch **My device ➔ Accessories**.

2. Touch the following **Dock** settings to enable or disable them. When an option is enabled, a check mark displays in its check box.
   - **Dock sound**: When enabled, sounds play when inserting or removing the phone from the optional dock.
   - **Audio output mode**: When enabled, you can use optional external dock speakers when the phone is docked.
   - **Desk home screen display**: When enabled, the desk home screen displays when the phone is docked.

3. Touch **Audio output** to set your HDMI Audio output to Stereo or Surround.

**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 **My device ➔ Accessibility**.

The following options are available:

- **Auto rotate screen**: When enabled, automatically rotates the screen from landscape to portrait when you rotate your phone.
- **Screen timeout**: Set the length of inactive time after which the display turns off.
- **Speak passwords**: When enabled, reads out password information.
- **Answering and ending calls**: accept incoming calls by pressing the Home key, by touching the accept call button, or by using Voice control. End calls by pressing the Power-Lock key.
• **Show shortcut**: Adds an Accessibility settings option or a TalkBack settings option to the Device options menu that appears when you press and hold the Power-Lock key.

**Services**

• **TalkBack**: When set to ON, the TalkBack feature speaks feedback to help blind and low-vision users.

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**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.

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**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**: When set to ON, you can use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.

• **Negative colors**: When enabled, reverses the display of onscreen colors from White text on a Black background to Black text on a White background.

• **Accessibility shortcut**: When set to ON, allows you to quickly enable accessibility features in 2 quick steps. Follow the onscreen instructions.

• **Text-to-speech options**: Set the your text-to-speech options. For more information, refer to “Speech” on page 172.

**Hearing**

• **Sound balance**: Use the slider to set the Left and Right balance when using a stereo device.

• **Mono audio**: When enabled, combines stereo audio to into a mono audio stream for use with a single earphone headsets (wired or Bluetooth).

• **Turn off all sounds**: When enabled, mutes every sound made by your device during touches, selections, notifications, and so on.
• **Flash notification**: When enabled, the camera flash blinks whenever you receive a notification.

• **Google subtitles (CC)**: Use Google subtitles with multimedia files when available. Touch the OFF / ON button to turn the feature ON. Touch **Google subtitles (CC)** for options.

• **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available. Touch the OFF / ON button to turn the feature ON. Touch **Samsung subtitles (CC)** for options.

_Dexterity_

• **Press and hold delay**: Select a time interval for this action. Choose from: Short, Medium, or Long.

---

**Language and Input**

- From the Settings screen, touch **Language and input**. The Language and input screen displays.

**Language**

Select the language used in the phone’s screens.

- From the Language and input screen, touch **Language** to select the language used in the phone’s screens.

**Keyboards and Input Methods**

Configure text entry options to your preferences.

**Set the Default Keyboard**

- From the Language and input screen, touch **Default** and choose a default input method: Samsung keyboard or Swype.
Samsung Keyboard

• Touch ☰ beside Samsung keyboard to configure the following options:
  • **English(US):** Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
  • **Select input languages:** Choose which languages are loaded onto your phone.

**Tip:** When you have more than one language selected, you can slide your finger on the space bar while entering text to switch languages.

• **Predictive text:** When set to ON, suggests words matching your text entries and optionally, complete common words automatically. Touch the OFF / ON button to turn Predictive text ON and touch Predictive text to configure the following options:
  — **Personalized data:** When enabled, Predictive text uses personal language data you have entered.
  — **Learn from Gmail:** Log in to let your device learn from your Gmail messages.
  — **Learn from Facebook:** Log in to let your device learn from your Facebook entries.
  — **Learn from Twitter:** Log in to let your device learn from your “tweets”.
  — **Learn from Messages:** Update to let your device learn from your message text entries.
  — **Learn from Contacts:** Update to let your device learn from your Contacts style.
  — **Clear personalized data:** Remove all the personal language data you have entered.

• **Auto replacement:** When set to ON, lets you complete or replace the word you are typing with the most probable word by touching the space bar or a punctuation mark.

• **Auto capitalization:** When enabled, T9 automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.

• **Auto spacing:** When enabled, spaces are automatically inserted between words.

• **Auto punctuate:** A period and space are automatically entered to end a sentence, when you touch the space bar twice.
Keyboard swipe
- **None**: Does not enable Keyboard swipe.
- **Continuous input**: Enter text by sliding your finger across the keyboard.
- **Cursor control**: Moves the cursor by sliding your finger across the keypad.

Key-tap feedback
- **Sound**: When enabled, a sound plays for your key touches.
- **Vibration**: When enabled, a vibration plays for your key touches.
- **Character preview**: When enabled, characters available on the key you touch display briefly as you enter text.

More settings
- **Tutorial**: View help for using T9 predictive text.
- **Reset settings**: Touch to reset Samsung keyboard settings to the defaults, except for My word list and the Auto substitution list.

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.
  - **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:

- **Choose input languages**: Touch a language that you want to input. Select **Automatic** to use the local language or select a language from the list.

- **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.

**Speech**

Use this menu to set the speech settings for Voice input.

**Voice Search**

- From the **Language and input** screen, touch **Voice search** to configure the following:

  - **Language**: Choose a language for your voice input.
  
  - **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.

  - **“Ok Google” Hotword detection**: When enabled, you can launch voice search by saying the word “Ok Google”.

  - **Offline speech recognition**: Enables voice input while offline.

  - **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 the gear icon 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.
Motion

Motion lets you control a number of the phone’s functions by moving your hand or finger across the screen in a particular pattern or by moving the phone itself in a particular way.

Note: For more information about using Motion, see “Motions” on page 26.

1. From the Settings screen, touch My device ➔ Motion.
2. Touch the OFF/ON button to turn Motion ON.
3. Touch the following options to create a check mark and enable them or touch the option.
   - **Direct call**: Once enabled, the device will dial the currently displayed onscreen Contact entry as soon as you place the device to your ear.
   - **Smart alert**: Once enabled, pickup the device to be alerted and notified of you have missed any calls or messages.

   - **Double tap to top**: Once enabled, double tap 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 re-scan for Bluetooth devices, re-scan 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 and tutorial

- **Sensitivity settings**: Touch this option, then select Tilt to zoom, Pan to move icon, or Pan to browse images.

  Adjust the selected Sensitivity setting by touching and dragging the slider to the left or right, then touch **OK**.

  - or -
  
  Touch **Test** and try out a new setting, then touch ➔ Back ➔ **OK**.

- **Learn about motions**: View help topics about motion settings.

Hand motions

- **Palm swipe to capture**: When enabled, you can capture any onscreen information swiping across the screen. In a single motion, press the side of your hand on the screen and swipe from left to right. The image is then copied to the clipboard.

- **Palm touch to mute/pause**: Once enabled, you can pause any onscreen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the device goes back to normal by either continuing to play the current video or un-muting the current sound.

Hand motion tutorial

- **Learn about hand motions**: Read tutorial type information about hand motions.

**Smart Screen**

The Smart screen options allow you to customize your screen settings to make the screen more responsive and easier to use.

1. From the **Settings** screen, touch ✅ My device ➔ **Smart screen**.

2. Touch any of the following options to create a check mark and activate the features:

   - **Smart stay**: When enabled, disables the screen timeout if your phone detects that your face is watching the screen.

   - **Smart rotation**: When enabled, disables the auto screen rotation by checking the orientation of your face and the device.
Voice Control
The Voice control settings allow you to set up voice commands to control your device.

Note: If you set the Alert type for calls or alarms to vibration, Voice control will not be available.

1. From the Settings screen, touch My device ➔ Voice control.
2. Touch the OFF/ON button to turn Voice control ON.
3. Touch the following options to create a check mark and activate the feature:
   • Incoming calls: When enabled, lets you answer or reject calls using the commands Answer and Reject.
   • Alarm: When enabled, lets you stop or snooze an alarm by using the commands Stop and Snooze.
   • Camera: When enabled, lets you take pictures using the voice commands Capture, Shoot, Smile, or Cheese.
   • Music: When enabled, lets you control the Music app using the voice commands Next, Previous, Play, Pause, Volume Up, and Volume Down.

Accounts
Use this option to set up, manage, and synchronize accounts, including your Google and email accounts.

Adding an Account
1. From the Settings screen, touch Accounts ➔ 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 My accounts section of the main Accounts 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 Accounts.
2. Touch the account type, which is located in the My accounts section.
3. 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.
4. Touch Settings or Account Settings to access the account settings.
5. Touch Storage usage, if available, to see your storage usage for different applications.
6. 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 Accounts.
2. Touch the account type, which is located in the My accounts section.
3. Touch the account name.
4. 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.

1. From the **Settings** screen, touch **Accounts ➔ Add account**.
2. 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, 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 **Accounts ➔ 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 a Samsung account, touch **Sign in**.
   – or –
   If you have no Samsung account, touch **Create account**.

The Samsung account screen displays.

5. Use the keyboard to enter the required information and touch **Sign in** or **Sign up**.
If you have signed in to your Samsung Account:
• Touch your Samsung Account to manage your sync settings or remove your Samsung Account.
• Touch Storage usage to show the storage used and the remaining storage available.
• Touch Sync settings to sync your calendar, contacts, Internet, S Note, and Scrapbook settings with your Samsung Account.
• Touch Backup to manage your back up and restore options.
• Touch Restore to retrieve data from your Samsung account.

3. Under Dropbox:
If you have not signed in to your Dropbox account, touch Link Dropbox account. For more information, refer to “Dropbox” on page 121.

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.

Cloud
Back up your personal data using your Samsung Account or use Dropbox to sync your device content.

1. From the Settings screen, touch Accounts ➔ Cloud.

2. Under Personal data management:
If you have not signed in to your Samsung Account, touch Add account. For more information about Samsung accounts, see “Signing In to Your Samsung Account” on page 178.
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 Accounts ➔ 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 Accounts ➔ 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 erases all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It does not erase current system software, bundled applications, and external SD card files such as music and photos.
Location

You must enable location services on your device for apps, such as Google Maps, to use your location.

Note: Some apps may require one or more location services be turned on for full functionality.

1. From the Settings screen, touch More ➔ Location.
2. Touch the OFF/ON button to turn Location services ON.
3. Touch Mode to select how your location is determined:
   • High accuracy: Use GPS, Wi-Fi, and mobile networks.
   • Power saving: Use Wi-Fi and mobile networks (no GPS).
   • GPS only: Use GPS only.
4. Apps that have requested your location are listed under Recent location requests. Touch an entry to view its settings.

Location Reporting

Google uses Location Reporting to store and use your device’s most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

To manage your Location Reporting settings:

1. From the Settings screen, touch More ➔ Location.
2. Touch the OFF/ON button to turn Location services ON.
3. Touch Google Location Reporting for options:
   • Location Reporting: Allow Google apps to use your device’s most recent location data. Touch the OFF/ON button to turn Location Reporting ON.
   • Location History: Allow Google to store a history of your location data. Touch the OFF/ON button to turn Location History ON. Touch DELETE LOCATION HISTORY to permanently delete your location history.
   • Touch Menu ➔ Help for more information.
**My Places**

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

1. From the **Settings** screen, touch **More ➔ Location**.
2. Touch the **OFF/ON** button to turn Location services **ON**.
3. Touch **My places**.
4. Touch a category (Home, Office, or Car) to add a location:
   - Touch **Select method** to select how your location is determined for that particular place.
   - Touch **Save**.
5. Touch **Add** to add additional categories.
6. Touch **Menu ➔ Delete** to delete a custom category.

---

**Security**

The Security settings allow you to determine the security level for your phone.

- From the **Settings** screen, touch **More ➔ Security**.

The Security screen displays. The following options are available:

**Encryption**

As a security measure, you can encrypt the contents of the phone or an installed memory card, and require a password each time you turn on the phone or access the memory card.

Encryption may take an hour or more to complete. Start with a charged battery, and attach the charger until encryption is complete. Loss of power or other interruption may cause the loss of some or all data. Once your information is encrypted you are prompted to enter your decryption password each time you turn the phone on.

---

**Note:** Home, Office, and Car cannot be deleted.
• **Encrypt device**: Touch this option to encrypt accounts, settings, downloaded applications and data, media files, and more under a password you specify.

• **Encrypt external SD card**: Touch this option to encrypt all information stored on a microSD memory card, or only files created by your phone, under a password you specify.

**Passwords**

• **Make passwords visible**: When enabled, briefly displays password characters as you enter them.

**Device Administration**

View or disable device administrators. Some applications, such as corporate Email, may require you allow access to your device by device administrators in certain circumstances, such as if the phone is lost or stolen.

Some features a device administrator might control include:

  - Setting the number of failed password attempts before the phone is restored to factory settings.
  - Automatically locking the phone.
  - Restoring factory settings on the phone.

• **Device administrators**: View, add, or remove device administrators.

• **Unknown sources**: When enabled, you can install applications from sources other than Google Play Store.

**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.

• **Verify apps**: When enabled, a warning displays when your device determines an application may harm it.

**Security update service**

– **Security policy updates**: When enabled, changes to security policy automatically download and update.

– **Send security reports**: When enabled, security reports are sent to Samsung using Wi-Fi, for threat analysis.
Credential Storage
You can install credentials with an application, from device storage, or from an installed memory card, and use the Credential storage settings to allow applications to access the secure certificates and other credentials.

- **Storage type**: Software only (this option cannot be changed).
- **Trusted credentials**: View, enable, or disable trusted CA certificates.
- **Install from device storage**: Install encrypted certificates from an installed memory card.

**Note:** To use this feature, you must first install a memory card containing encrypted certificates. For more information, refer to “Installing a Memory Card” on page 11.

- **Clear credentials**: Clear stored credentials and reset the password.

**Note:** This setting is only available if you have installed certificates.

Application Manager
You can download and install applications from the Google Play Store, the Samsung Apps, or create applications using the Android SDK and install them on the phone. Use Application manager to manage applications on the phone.

**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.

1. From the **Settings** screen, touch → **Application manager**.
   The Applications manager screen displays.

2. Touch **DOWNLOADED, SD CARD, RUNNING**, or **ALL** to list the statuses of applications and services. The graph at the bottom of the **DOWNLOAD** tab shows used and free Device memory. The graph at the bottom of the **SD CARD** tab shows used and free USB storage. The graph at the bottom of the **RUNNING** tab shows used and free RAM.
3. Touch an app or service to display the **App info** or **Active app** screen which provides more detailed storage usage information, and lets you Stop/Force stop or Uninstall/Report and app or service. For Downloaded apps, you can also Clear data, Clear cache, and/or Clear defaults.

**Default Applications**

Set and manage your default applications.

1. From the **Settings** screen, touch **More** ➔ **Default applications**.

2. Touch an app to set it as the default application.  
   – or –  
   Touch an app to remove it as the default application.

**Battery**

See how much battery power is used for device activities.

1. From the **Settings** screen, touch **More** ➔ **Battery**.
   
   The battery level displays as a percentage. The amount of time the battery has been used also displays. Battery usage displays in percentages per application.

2. Touch **Screen, Android System, Android OS**, or any other listed application to view how it is affecting battery use.

   **Note:** Other applications may be running that affect battery use.

3. Touch **Refresh** to update the listing.

4. Touch **Show battery percentage** to display the battery charge percentage next to the battery charge icon in the Status Bar.
Storage

Manage the use of memory resources in the phone’s Device memory, and on an installed memory card.

- From the Settings screen, touch More → Storage.
  
The Storage screen displays. The following options are available.

Device Memory

View usage for, and manage, the phone’s internal memory. For detailed information and to manage storage in use, touch any item except Total space or Available space.

- Total space: Shows the total installed device memory.
- System memory: Shows the minimum amount of device storage required to run the system.
- Used space: Shows the total amount of storage space being used.
- Cached data: Shows the total storage space being used to store app data for immediate reuse.
- Miscellaneous files: Shows the total device memory currently used to store various application data and system data files.
- Available space: Shows the total device memory available for use.

SD Card

View usage for, and manage, storage space on an optional memory card.

- Total space: Shows the total card memory.
- Available space: Shows the total card memory available for use.
- Unmount SD card: Deactivates the memory card so that you can safely remove it or format it. For more information, see “Installing a Memory Card” on page 11 or see “Removing a Memory Card” on page 12.
- Format SD card: Deletes all data from the memory card, including music, videos, and photos. For more information, see “Formatting a Memory Card” on page 47.
Date and Time

By default, the phone receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

From the **Settings** screen, touch ➔ **More → 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.

---

About Device

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 ➔ **More → About device**.

2. The following information displays:

- **Software update**: Update your phone’s software, if available. For more information, refer to “Software Update” on page 189.

- **Status**: Display the Battery status, Battery level (percentage), Network, Signal strength, Mobile network type, Service state, Roaming, Mobile network state, My phone number, MIN, PRL version, MEID, IMEI, ICCID, IP address, Wi-Fi MAC address (if Wi-Fi is set to ON), Bluetooth address (if Bluetooth is set to ON), Up time, and Device status.
• **Legal information**: This option displays information about Open source licenses, Google legal information, Samsung legal information, and License settings. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference. Read the information and terms, then touch Back to return to the About device screen.

• **Device name**: Shows the default Device name used with your device’s communications features. To change the Device name, touch this option, enter your desired changes, and touch OK.

• **Model number**: Shows the phone’s model number.

• **Android version**: Shows the android version loaded on this handset.

• **Baseband version**: Shows the baseband version loaded on this handset.

**Note:** Baseband, kernel, and build numbers are usually used for updates to the handset or for support. For additional information please contact your Customer Care representative.

• **Kernel version**: Shows the kernel version loaded on this handset.

• **Build number**: Shows the software, build number.

• **SE for Android status**: Shows the status of SE for Android. SE for Android is a set of security policies/modules which is applied to the device to improve the overall security.

• **Hardware version**: Shows the hardware version composing this handset.
**Software Update**

The Software update feature enables you to use your phone to connect to the network and download any new phone software directly to your phone and automatically install it.

**Tip:** For best results, before launching Software update, connect your device to a Wi-Fi Access Point. For more information, refer to “Scanning and Connecting to a Wi-Fi Network” on page 137.

1. From the **Settings** screen, touch **More ➔ About device ➔ Software update**.

   The Software update pop-up displays.

2. Your phone automatically updates the software (if available), otherwise, when the **The latest updates have already been installed** prompt displays, touch **OK**.
# Index

## A

<table>
<thead>
<tr>
<th>Category</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abc Mode</td>
<td>50</td>
</tr>
<tr>
<td>Accessory Settings</td>
<td>167</td>
</tr>
<tr>
<td>Accounts</td>
<td></td>
</tr>
<tr>
<td>adding a Google account</td>
<td>55</td>
</tr>
<tr>
<td>setting up</td>
<td>55</td>
</tr>
<tr>
<td>Airplane mode</td>
<td>153</td>
</tr>
<tr>
<td>Android Beam</td>
<td>157</td>
</tr>
<tr>
<td>App Shortcuts</td>
<td>40</td>
</tr>
<tr>
<td>Applications</td>
<td>43</td>
</tr>
<tr>
<td>downloading new</td>
<td>130</td>
</tr>
<tr>
<td>managing</td>
<td>112</td>
</tr>
<tr>
<td>updating</td>
<td>112</td>
</tr>
<tr>
<td>Applications List</td>
<td></td>
</tr>
<tr>
<td>Amazon</td>
<td>116</td>
</tr>
<tr>
<td>Amazon Apps</td>
<td>117</td>
</tr>
<tr>
<td>Amazon Kindle</td>
<td>116</td>
</tr>
<tr>
<td>Amazon MP3</td>
<td>116</td>
</tr>
<tr>
<td>Audible</td>
<td>117</td>
</tr>
<tr>
<td>Calculator</td>
<td>117</td>
</tr>
<tr>
<td>Calendar</td>
<td>117</td>
</tr>
<tr>
<td>Camera</td>
<td>119</td>
</tr>
<tr>
<td>City ID</td>
<td>120</td>
</tr>
<tr>
<td>Clock</td>
<td>120</td>
</tr>
<tr>
<td>Contacts</td>
<td>120</td>
</tr>
<tr>
<td>Downloads</td>
<td>120</td>
</tr>
<tr>
<td>Dropbox</td>
<td>121</td>
</tr>
<tr>
<td>Email</td>
<td>121</td>
</tr>
<tr>
<td>Flipboard</td>
<td>121</td>
</tr>
<tr>
<td>Gallery</td>
<td>122</td>
</tr>
<tr>
<td>Gmail</td>
<td>122</td>
</tr>
<tr>
<td>Google</td>
<td>122</td>
</tr>
<tr>
<td>Hangouts</td>
<td>124</td>
</tr>
<tr>
<td>IMDb</td>
<td>124</td>
</tr>
<tr>
<td>KNOX</td>
<td>125</td>
</tr>
<tr>
<td>Media Hub</td>
<td>126</td>
</tr>
<tr>
<td>Mobile TV</td>
<td>127</td>
</tr>
<tr>
<td>Play Books</td>
<td>129</td>
</tr>
<tr>
<td>Play Games</td>
<td>129</td>
</tr>
<tr>
<td>Play Movies &amp; TV</td>
<td>130</td>
</tr>
<tr>
<td>Play Music</td>
<td>130</td>
</tr>
<tr>
<td>Play Newsstand</td>
<td>130</td>
</tr>
<tr>
<td>Slacker</td>
<td>133</td>
</tr>
<tr>
<td>Tone Room Deluxe</td>
<td>133</td>
</tr>
<tr>
<td>Top HD Games</td>
<td>134</td>
</tr>
<tr>
<td>Wallet</td>
<td>135</td>
</tr>
<tr>
<td>Your Navigator Deluxe</td>
<td>135</td>
</tr>
<tr>
<td>Apps</td>
<td></td>
</tr>
<tr>
<td>uninstalling</td>
<td>113</td>
</tr>
</tbody>
</table>

## B

<table>
<thead>
<tr>
<th>Category</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back key</td>
<td>25</td>
</tr>
<tr>
<td>Backing Up Your Data</td>
<td>180</td>
</tr>
<tr>
<td>Battery</td>
<td>12, 185</td>
</tr>
<tr>
<td>charging</td>
<td>14</td>
</tr>
<tr>
<td>cover, removing</td>
<td>7</td>
</tr>
<tr>
<td>indicator</td>
<td>13</td>
</tr>
<tr>
<td>installing</td>
<td>13</td>
</tr>
<tr>
<td>removing</td>
<td>13</td>
</tr>
<tr>
<td>Wall Charger</td>
<td>14</td>
</tr>
<tr>
<td>Bigger Font</td>
<td></td>
</tr>
<tr>
<td>Setting</td>
<td>168</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>152</td>
</tr>
<tr>
<td>pairing with a device</td>
<td>141</td>
</tr>
<tr>
<td>profiles</td>
<td>143</td>
</tr>
<tr>
<td>settings</td>
<td>143</td>
</tr>
<tr>
<td>turning on or off</td>
<td>140</td>
</tr>
</tbody>
</table>
C

Calculator 117
Calendar 117
Call
    Settings 69
Call log
    creating/updating contacts 73
    managing 74
    sending messages 73
Calls
    answering 71
    call-waiting 71
    ending 73
    from Call log 70
    from Contacts 69
    from Favorites 70
    in-call options 72
    rejecting 71
    sending to voicemail 71
    settings 75
    silencing a ringer 71
    three-way 70
    using the Keypad 68

Camcorder
    recording video 106
    settings 107
Camcorder Options
    Camcorder Options after a Video is Taken 106
Camera 119
    settings 103
    taking pictures 102
Charging 14
Clock 120
Cloud 179
Contacts
    creating 58
    creating from Call log 59
    creating from the Keypad 59
    exporting and importing 63
    groups 65
    joining 62
    My Profile 62
    namecards 64
    speed dials 67
    starred contacts 64
    updating 60
    updating from Call log 60, 73
    updating from Keypad 60
Creating a Playlist 96
Data Usage 152
Default Applications 185
Default Messaging App 154
Display
    Using Negative Colors 168
Drive 121
Email
    account settings 88
    combined Inbox 88
    composing and sending 87
    Creating a Microsoft Exchange Email Account 86
    Creating Additional Email Accounts 87
    refreshing your accounts 88
    Switching Between Email Accounts 87
Entering Text
- changing the text entry mode 50
- using 123Sym mode 51
- using Abc mode 50
- using Swype 53
- using symbol/numeric mode 51

Font Size
- Changing 168

Gallery
- viewing pictures and video 109
- viewing videos 110

Gestures
- Browse Image 174
- Screen Capture 175
- Shake to Update 174
- Tilt to Zoom 174

Gmail
- composing and sending 89
- configuring your account 88
- managing your account 89
- refreshing your account 89

Google
- Gmail 88
- managing an account 57
- Maps 125
- Play Store 130
- setting up an account 55
- your account 18
- YouTube 136

Google Settings 123

Google Voice Typing 52

Google Voice Typing Settings 172

Groups
- adding contacts 66
- creating 65
- sending a message 66

Hand motions 27

Hands-Free Mode 166

Handwriting Feature 52

HDMI Port 24

Help 124

Home key 25

Home Screen
- adding widgets 39
- folders 41
- wallpaper 42

Home Screen Mode 164

Internet 124

Keyboard
- changing text input 50

Landscape 49

LED Indicator Setting 162

Lock Screen
- say wake-up command 159
- shortcuts 159

Locking and Unlocking
- unlocking the keypad 16, 19

Maps 125

Memory Card
- erasing 47
- removing 46
Memory settings
internal phone storage 186

Menu
key 25

Messages
creating and sending 80
e-mail 86
Gmail 88
managing 82
settings 83
types 80

Messaging 126
handwriting 52
Signing into Email 86

microSDHC card 11

Mobile Data Security 126

Mobile networks
settings 154

Mobile Wi-Fi hotspot
using the phone as a hotspot 148

Mono
Audio Setup 168

Motions 26

Multi Window 28
activate/deactivate 28
panel relocation 29
removing apps 29
running multiple apps 30	tab repositioning 29

Music
Music Player 93, 127
Playlists 96
setting a song as a ringtone 97

Music File Extensions
AAC 93, 127
AAC+ 93, 127
eAAC+ 93, 127
MP3 93, 127
WMA 93, 127

Music Player
adding music 96
creating a playlist 96
removing music 96

My Files 127

My Places 182

My Profile 62
sending 62

Namecards
sending 64

Navigation
touch gestures 26

Negative Colors 168

Notification Panel 35

Pairing with Bluetooth 141

PC Connections 150

Phone 128

Phone settings
Date & time 187
language 169

Photos 129

Pictures
taking 102

Play 129

Play Store 130

Playing Music 93

Pointer Speed 173

Powering On and Off 15

Predictive Text 51

Printing 154
Voicemail
  checking 17
  setting up 17

VPN
  accessing 144

VPN Client 134

Widgets 39

Wi-Fi
  adding a connection
    manually 138
  scanning and connecting 137
  settings 152
  turning on or off 137
  using the phone as a hotspot 148

Wi-Fi Direct 139
  connecting to other devices 140
  turning on and off 139

Wireless Networking
  Bluetooth 140
  Wi-Fi 137

YouTube 136