Samsung GALAXY MEGA™

S C H - R 9 6 0

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

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

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Table of Contents

Section 1: Getting Started

This section allows you to quickly start using your Samsung SCH-R960 phone by installing the SIM and (optional) microSD cards, installing and charging the battery, activating your service, and setting up your voicemail account.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 235.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 198.

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

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the phone or keypad. (For more information, refer to *"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 displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

Special Text

In this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

• **Notes**: Presents alternative options for the current feature, menu, or sub-menu.

• **Tips**: Provides quick or innovative methods, or useful shortcuts.

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

• **Important**: Points out important information about the current feature that could affect performance.

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

Text Conventions

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

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

Example: "Press ⬤ **Home**, then touch
▤ **Menu** ➔ **Settings** ➔
🔲 **Connections** ➔ **Wi-Fi**."

Setting Up Your Phone

Before using your phone, you need to install the SIM card, the microSD™ card, and the battery into their respective internal slots and compartment.

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

Removing the battery cover

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

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

Installing the battery cover

■ Align the cover (1) and press it firmly into place (2), making sure it snaps into place at the corners (3).

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 others 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 6.)
2. Locate the SIM card slot on the top inside of the phone.
3. Make sure the gold contacts of the SIM card face downward and that the notched corner of the card faces towad the slot to the left (as shown).

4. Carefully slide the SIM card into the SIM card socket (as shown) until the card stops in 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.

SIM Card Limited Warranty

Subject to the exclusions contained below, United States Cellular Corporation ("U.S. Cellular") warrants to the original purchaser ("You" or "Your") of the handset with which the SIM card was provided that the SIM card will be free from defects in material and workmanship for a period of one (1) year from the date You purchased the handset (the "Warranty Period"). This warranty is not transferable. Should a defect appear during the Warranty Period, U.S. Cellular will send a replacement SIM card to Your address within the United States without charge provided that you request the replacement SIM card during or within thirty (30) days following the Warranty Period by calling U.S. Cellular Customer Service at 888-944-9400 (or dialing 611 on Your U.S. Cellular handset) or by visiting a U.S. Cellular retail store.

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No agent, employee, dealer, retailer, representative or reseller is authorized to modify or extend the terms of this Limited Warranty.

Removing the SIM Card

1. Remove the battery cover.
2. Remove the battery.
3. Carefully slide the SIM card out of the slot.
4. Replace the battery and the battery cover.
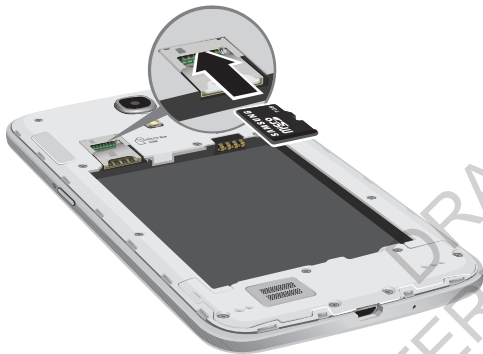
Installing a Memory Card

Your device lets you install an optional microSD™ (SD) or microSDHC™ memory card to expand available memory to store images, videos, music, applications, and data.

1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)
2. Locate the microSD card slot on the top inside of the phone.
3. With the gold contacts facing down, carefully slide the memory card into the slot (as shown), pushing gently until the memory card stops.

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

Removing a Memory Card

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

1. Press ⬛ **Home**, then touch ▦ **Menu** → **Settings**. The **Settings** screen appears.

2. Touch the 🔲 **More** tab. The **More** screen appears.

3. Under **Device manager**, touch **Storage** → **Unmount SD card**.

4. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)

5. Carefull slide the card from the slot.

6. Replace the battery cover. (For more information, refer to *"Installing the battery cover"* on page 7.)

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: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge 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.

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

Battery Indicator

The battery icon in the Annunciator Line shows battery power level. Two to three minutes before the battery becomes too low to operate your phone, the empty battery icon will flash and a tone will sound. If you continue to operate the phone without charging the battery, the phone will power off.

Installing the Battery

   1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)

   2. Slide the battery into the compartment (1) so that the tabs on the end align with the slots at the bottom of the phone, making sure the connectors align.

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

Removing the Battery

1. Remove the battery cover. (See *"Removing the battery cover"* on page 6.)

2. Lift the battery up by the slot provided (1).
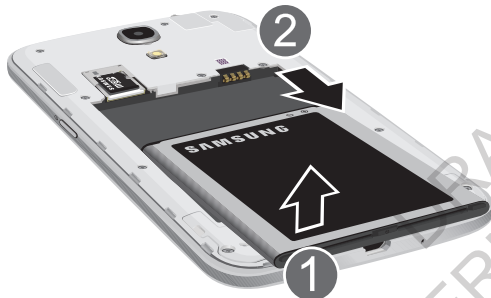
3. Lift the battery up and out of the phone (2).

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.

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

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

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1. Insert the USB cable into the device's Charger/
   Accessory jack at the bottom of the device.

Incorrect

Note: This illustration displays both the **correct** and **incorrect** orientation for connecting the USB cable. If the USB cable is incorrectly connected, damage to the accessory port will occur therefore voiding the phone's warranty.

2. Connect the USB cable to the charging head.

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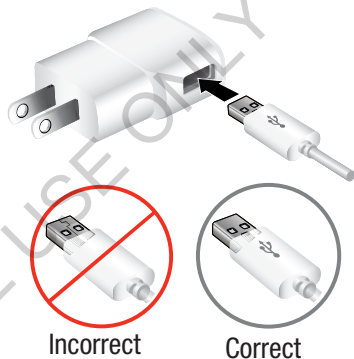
3. Plug the charging head into a standard AC power outlet. The device turns on with the screen locked and indicates both its charge state and percent of charge.

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

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

Important! If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. (For more information, refer to *"Standard Limited Warranty"* on page 222.)

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.

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Unlocking Your Phone

1. If needed, press Press **▭ Home** to wake the screen.

2. If there are no Notification alerts (such as for calls or messages) on your phone, swipe across the lower half of the screen to unlock it.

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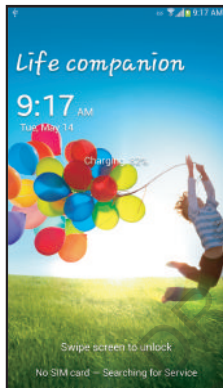
Note: If you have purchased your phone online, the first time you power your phone on and unlock the screen, the Activation Wizard **Welcome** screen appears.

Follow the prompts to activate and set-up your phone.
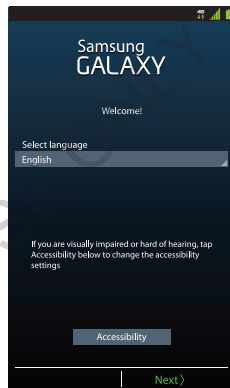
Turning Your Phone Off

1. Press and hold the **▭ ① Power/Lock Key** (on the upper right side of the device) for two seconds.

2. At the prompt, touch **Power off**. The **Power off** pop-up appears.

3. At the prompt, 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'll need to enable TTY Mode.

(For more information, refer to *"Other call settings"* on page 77.)

Voicemail

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

Setting up Voicemail

1. Press **Home**, then touch **Phone**, 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**, then touch **Phone**, 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.

Displaying Your Phone Number

1. Press **Home**, then touch **Menu → Settings**. The **Settings** screen appears.

2. Touch the **More** tab. The **More** screen appears.

3. Under **Device manager**, touch **About device → Status**. Your phone number displays under **My phone number**.

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Your Google™ Account

Your new phone uses your Google account to fully utilize its Android features, including Gmail, Google Maps, Google Talk, and the Google™ Play. 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**, then touch **Applications** ➔ **Gmail**.

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

2. Touch **Existing** or **New** to continue.

3. Follow the on-screen instructions to sign in if you already have a Google account, or to create a Google Account.

Resetting your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to reset it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.

2. Once the Web Page loads, click on the **Can't access your account?** link.

3. Under **Having trouble signing in?**, select **I don't know my password**.

4. Follow the password reset prompts.

Creating a Samsung Account

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

1. From the Home screen, touch ▤ **Menu → Settings**. The **Settings** screen appears in the display.

2. Touch the 🗝 **Accounts** tab. The **Accounts** screen appears in the display.

3. Under **My accounts**, touch **Add account**.

4. From the **Add account** screen, touch ⑤ **Samsung account**.

5. From the **Samsung account** screen, touch **Create new account** and follow the on-screen instructions to create a Samsung account.

6. Read the Terms and conditions, then touch the **I accept all the terms above** check box.

7. Touch **Agree**.

8. Enter the required information and touch **Sign up**.

9. At the Welcome screen, touch **Next**.

10. Follow the on-screen instructions to verify your email address and activate your 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 (△) appears in the Annunciator Line (Notification Bar) of the display.

Tip: You can set your phone's roaming behavior. (For more information, refer to *"Mobile networks"* on page 147.)

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

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

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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, or 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 153.)

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 15.)

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 153.)

Unlocking with a Password

1.   Press ⬛ **Home** to wake the screen.

2.   Enter your Password.

3.   Press **OK**.

Section 2: Understanding Your Phone

Features

- 6.3-inch 1280x720 HD PLS touch screen
- CDMA 1X/EV-DO Rev-A /LTE Wireless Technology
- Android® 4.2 platform
- Google Play™ Store, plus pre-loaded applications
- SAFE™ Certified
- Connections
  - Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz / 5 GHz bands)
  - Portable Wi-Fi Hotspot
  - Bluetooth 4.0
  - Tethering
  - VPN
  - NFC, Android Beam, and S Beam
  - Wi-Fi Direct
  - Group Play
  - DLNA
  - USB 2.0 HS

- Messaging Services
  - Text Messaging
  - Picture Messaging
  - Video Messaging
  - Voice Messaging
  - Email
  - Mobile Instant Messenger (IM)
  - Chat
- 8 Megapixel Camera-Camcorder with LED flash + 1.9 Megapixel Front Camera-Camcorder
- Picture Gallery
- Video Player (1080p — MP4 and 3GP)
- Music Player (AAC, AAC+, eAAC+, MP3, and WMA)
- Speakerphone
- Support for microSD™ and microSDHC™ Memory Cards up to 64GB capacity

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Front View

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

2. **Menu Key**: Press to display options for the current screen.

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

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

5. **Back Key**: Press to return to the previous screen or option.

6. **2 Megapixel Front Camera**: Use for taking pictures and recording video.

7. **Proximity and Light Sensors**: Detect the presence of nearby objects to control device functions or blank the screen display, such as when you hold the phone to your ear during a phone call. Detect ambient light to determine screen brightness when **Brightness** is set to **Automatic brightness** (see *"Brightness"* on page 156), and when taking pictures with the Front camera.

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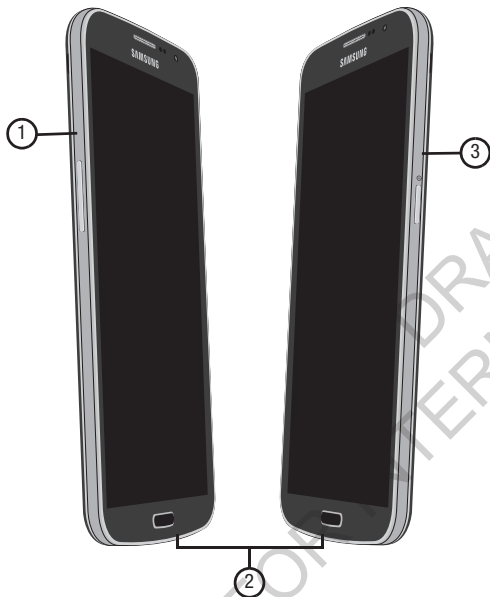
1. **Volume Key**: From the Home screen, touch to adjust Master Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.

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

3. **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.

Back View

1. **Infrared Lens**: Use when controlling media devices remotely.
2. **13 Megapixel Camera Lens**: Use when taking photos or recording videos.
3. **Camera Flash**: Use when taking photos.
4. **External Speaker**: Play ringtones, call audio when in Speakerphone mode, media sounds (music and video), and other sounds.
5. **3.5mm Headset Jack**: Plug in an optional headset or TTY equipment.
6. **Noise cancelation microphone**: Captures background noise that the phone uses to produce a quiet background during calls and video chats.

Navigation

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

Warning! Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.(For more information, see *"Warranty Information"* on page 222.)

Context-sensitive Menus

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

To access context-sensitive menus:

- Touch ▭ **Menu**.
- 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 the ▬▬ **Home** key to display the Home screen.

Press and hold the ▬▬ **Home** key to launch a menu of recently used features and applications, and to access the following options:

- At the bottom of list, touch ▭ **Task manager** to review and manage applications, clear **RAM** (memory), and review available **Storage** (System and SD card).
- To empty the recent features-apps list, touch ▨ **Remove all**.

Press the ▬▬ **Home** key along with the ▬▬ ⊙ **Power/Lock** key to capture an image of the current screen.

Back Key

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

Touch and hold ⤺ **Back** to display or hide the ⟩ **Multi Window** tab. (For more information, refer to *"Using Multi window"* on page 28.)

Motions and gestures

Your phone recognizes motion, gestures over it's surface, or motions on its surface, to let you navigate and access features by moving the phone in specific patterns.

To use hand and phone motions and gestures to control your phone, turn the respective settings on. (For more information, see *"Motions and gestures"* on page 176.)

Note: Finger motions are always active.

Air gestures

Air gestures (you make them an inch or so above the display, and near the top of the phone) can control the following functions:

Tip: Air gesture is set to OFF by default. (For information about setting this feature to ON, see *"Motions and gestures"* on page 176.)

- **Quick glance**: With the display off, reach your hand toward the top of your phone's display to view selected information, such as Time & Date, Notification icons, Missed calls, Unread messages, Battery power, or Current music info.

- **Air jump**: Scroll web pages or email message lists by moving your hand up or down above the display.
- **Air browse**: Go to the previous or next by your hand to the right or left above the display.
- **Air move**: Move app shortcuts to different home screen panels or apps lists, or move Calendar events to different pages. Just touch and hold the app shortcut or Calender event with one hand, then move your other hand left or right above the display.
- **Air call-accept**: Accept incoming calls by waving your hand above the display. You can have your phone answer accepted calls in speakerphone mode by enabling **Auto start speakerphone**.

Phone Motions

Pick up

- **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 be automatically notified of missed calls, messages, and alerts that occurred while the phone was stationary.

Tilt

- **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

- **Browse an image**: When this option is set to ON, moving the phone in a panning motion (in an arc side-to-side or up and down) while viewing an enlarged (zoomed in) image moves your viewpoint around in the image.

Turn over

- **Mute/pause**: When this option is set to ON, turning the phone screen-down automatically mutes incoming call ringtones and alert sounds.

Palm motions

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

- **Capture screen**: 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.
- **Mute/pause**: When this option is set to ON, covering the screen with your hand mutes or pauses media playback.

Finger Motions

Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.

- Touch an item to select it.

- Touch an app's icon to launch the application.

- **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 a list.

Touch and Hold

Activate on-screen 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:

- Unlocking the screen

- Scrolling 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 in to zoom in on pictures or screens.

- Pinch out to zoom out on pictures or screens.

Using Multi window

When enabled and activated, the Multi window feature lets you run two applications on the current screen at the same time.

Note: Only applications found within the Multi window tray can be active along with another, currently running application on the screen.

When you launch two applications that play multimedia files (music/video), both apps play their audio at the same time.

Tip: You can use Multi window with your phone either upright or rotated onto its side. You can also rotate your phone with Multi window already running two applications.

Enabling Multi window

1. From the Home screen, touch ▤ **Menu → Settings →** 🖳 **My device → Display**. The **Display** settings menu appears.

2. Under **General**, touch **Multi window**.

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- A check mark appears in the check box on the **Multi window** option to indicate that it is enabled.
- The Multi window tray appears on the left side of the screen (by default) for a few seconds, then closes leaving the Multi window tab showing.

Activating and Deactivating Multi window

To activate Multi window:

1. If the Multi window tab ⟩ is not showing on the current screen, touch and hold ⤺ **Back**. The Multi window tray appears briefly (by default) on the left side of the screen, then closes, leaving only the Multi window tab showing.

2. Touch the tab ⟩ to open the Multi window tray, showing some of the available Multi window apps.

3. Swipe the tray upwards to show more Multi window apps.

To deactivate Multi window:

- With the Multi window tab showing, touch and hold ⤺ **Back**. This action hides the Multi window tab from view.

Using Multi window to run multiple apps on the same screen

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

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

1. Launch an application, such as Internet.
   • From the Home screen, touch 🌐 **Internet**.

2. Activate the Multi window feature. (See *"To activate Multi window:"* on page 28.)

3. Touch the Multi window tab to display the apps tray.

4. Touch and hold the desired app, such as 🗺 **Maps**, until it detaches from the tray.

5. In a single motion, drag the app over the current app and drop the new Multi window app over either the top or bottom area of the current on-screen app.

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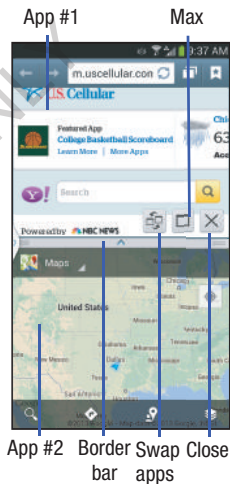
To swap the locations of the applications:

1. With the two applications shown in a split screen, touch the Border bar to show the on-screen icons.

2. Touch the desired application area (top or bottom).

3. Touch 🗗 **Swap apps**. The current apps swap places.

To increase the size of a desired application window:

■ With the two applications shown in a split screen, touch and hold the Border bar, then drag it to resize the desired window.

App #1   Max

App #2   Border   Swap   Close
          bar   apps

To seperate the current applications:

1. With the two applications shown in a split screen, touch the Border bar to show the on-screen icons.

2. Touch the desired application area (top or bottom).

3. Touch ☐ **Maximize apps**. The current apps are the both maximized.

To close an application:

1. With the two applications shown in a split screen, touch the Border bar to show the on-screen icons.

2. Touch the desired application area (top or bottom).

3. Touch ✕ **Close app**. The current apps swap places.

Repositioning the Multi Window

The Multi window contains two components: tab and apps tray. The tab can be manually moved across the screen. The apps tray (containing the scrollable apps) can be relocated to launch from any side of the screen (top, bottom, left, or right).
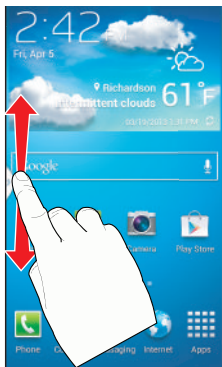
To move the tab:

1. Activate the Multi window feature. (See *"To activate Multi window:"* on page 28.)

2. In a single motion, touch and hold the tab ⟩ for approximately one-second, then slowly drag it to its new location **along the current** screen edge.

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

To relocate the Multi window tray:

1. Activate the Multi window feature. (See *"To activate Multi window:"* on page 28.)

2. Touch the tab to display the apps tray (containing the scrollable apps).

Note: Notice that when the apps are visible, the tab turns a dark grey. Its only in this state that the entire panel can be relocated.

3. In a single motion, touch and hold the Multi window tab > for approximately one-second to detach it from the screen (1), then slowly drag it to its new location **on any other** available screen edge (2). You can move it to the top or bottom of the screen, or to either side.

Customizing the Multi Window tray

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

To rearrange the Multi window applications:

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

To remove a Multi window application:

1. Activate the Multi window feature.
2. Touch the tab to display the Multi window tray (containing the scrollable apps).
3. Touch **Edit** (located at the bottom of the list).
4. Follow the prompt to remove apps from the Multi window tray to the revealed staging area.
5. Touch **Done** once you have completed the removal process.

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To restore a Multi window application:

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

Notifications panel

The Notifications panel shows information about connections, alerts, applications, and other items.

1. To display the Notifications panel, touch the Status bar and drag downward from the top of the screen.
2. Touch an item to open that item, or to launch a related app or feature.
3. Touch **Clear** to clear all Notifications.

Quick Settings Menu

Use Quick Settings toggles at the top of Notifications to control popular settings. Slide your finger right and left across the Quick Settings menu to see all of the toggles.

- **Wi-Fi**: Turn Wi-Fi On or Off. (For more information about using Wi-Fi, see *"Wi-Fi"* on page 127.)
- **GPS**: Turn Standalone GPS services on or off. (For more information, see *"Location services"* on page 190.)
- **Sound**: Touch to switch between your sound settings, and the two Silent modes, Mute and Vibrate. (For more information, see *"Volume"* on page 159.)
- **Screen rotation**: Enable or disable the Auto rotation setting, to control whether the screen automatically updates when you rotate the phone. (See *"Auto-rotate screen"* on page 157.)
- **Bluetooth**: Turn Bluetooth On or Off. (For more information about using Bluetooth, see *"Bluetooth"* on page 129.)
- **Mobile data**: Activate or deactivate your phone's access to mobile data. (For more information, see *"Mobile networks"* on page 147.)

- **Blocking mode**: Enable or disable the Blocking mode setting, to control which notifications you receive. (For more information, refer to *"Blocking mode"* on page 163.)

- **Power saving**: Enable or disable Power saving mode. (See *"Power saving mode"* on page 164.)

- **Screen Mirroring**: Enable or disable Screen Mirroring to other devices. (See *"Screen Mirroring"* on page 137.)

- **Multi window**: Enable or disable Multi window mode. (For more information, refer to *"Using Multi window"* on page 28.)

- **S Beam**: Enable or disable sharing apps content using S Beam. (For more information, refer to *"S Beam"* on page 136.)

- **NFC**: Enable or disable NFC interface. (See *"NFC"* on page 150.)

- **Air view**: Enable or disable viewing of helpful information by hovering your finger over an item on the screen. (See *"Air view"* on page 178.)

- **Air gesture**: Enable or disable controling your phone by making specific gestures over it. (See *"Air gestures"* on page 25 and *"Motions and gestures"* on page 176.)

- **Driving mode**: Enable or disable your phone's reading caller IDs and text messages to you.

- **Smart stay**: Enable or disable your phone's ability to keep the display lighted so long as you are looking at it. (See *"Smart screen"* on page 177.)

- **Smart scroll**: Enable or disable your phone's ability to automatically scroll through email messages or web pages so long as you look at the screen. (See *"Smart screen"* on page 177.)

- **Sync**: Enable or disable synchronization with your accounts.

- **Airplane mode**: Enable or disable your phone's radios (voice, data, Bluetooth, and Wi-Fi). (See *"Airplane mode"* on page 146.)

Clearing Notifications

1. Sweep your finger downward from the top of the screen to display Notifications.

2. Touch a notification to clear it, or to launch an app.

   – or –

   Touch **Clear** to clear all notifications.

Home Screen

The Home screen is the starting point for using your phone.

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

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

1. **Status Bar**: Presents icons to show network status, battery power, and connection details. (For a list of icons, see *"Status Bar Icons"* on page 36.)

2. **Multi window tab**: Access Multi window tray. (See *"Using Multi window"* on page 28.)

3. **Home screen**: The starting point for using your phone. Place shortcut icons, widgets, and other items to customize your phone to your needs. (For more information, see *"Home Screen"* on page 35.)

4. **Primary Shortcuts**: Shortcuts to your phone's common apps. (For more information, see *"Primary Shortcuts"* on page 39.)

5. **Panel Indicator**: Shows what panel of a maximum of 7 available Home screen panels appears in the display.

6. **Shortcuts**: Shortcuts to common apps.These shortcuts are found on the Home screen by default, and you can add more shortcuts to your favorite apps. (For more information, see *"Shortcuts"* on page 39.)

7. **Widgets**: Apps that run on the Home screen. These widgets are found on the Home screen by default. (For more information, see *"Widgets"* on page 40.)

Status Bar Icons

The Status Bar shows network and battery status and other details.

Airplane Mode Active: All wireless communications are disabled. (See *"Airplane mode"* on page 146.)

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: Displays when there is a missed call.

Mute: Voice or playback volume is muted.

Battery Level: Shown fully charged.

Battery Charging: Battery is charging.

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

GPS Location Active: One or more GPS location services are active. (See *"Location services"* on page 190.)

No SIM: No LTE SIM is installed.

Smart stay Active: Smart stay setting is ON. The screen stays lighted while you look at it.

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 message(s).

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

New Email Message: You have new email.

Silent mode: All sounds except media and alarms are silenced, and Vibrate is not active. (See *"Volume"* on page 159.)

Vibrate: All sounds are silenced, and Vibrate is active. See *"Vibrations"* on page 160.

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

SD Card Removed: A memory card was un-installed.

Bluetooth Active: Bluetooth is turned on.

Bluetooth Connected: Your device 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 needed to connect to Wi-Fi network. (For more information about configuring Wi-Fi, see *"Wi-Fi Settings"* on page 141.)

TTY: TTY Mode is active. (For more information, refer to *"Other call settings"* on page 77.)

Blocking mode ON: Notifications, alarm, timer, and all calls may be blocked. (For more information, refer to *"Blocking mode"* on page 163.)

Display settings

You can customize display settings to your preferences. (For more information, see *"Display"* on page 155.)

Extended Home Screen

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

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the bottom of the display shows your current position.

Customizing the Home Screen

Customize the Home screen to suit your preferences.

- **Add Shortcuts**: For more information, see *"Shortcuts"* on page 39.
- **Add Widgets**: For more information, see *"Widgets"* on page 40.
- **Add Folders**: For more information, see *"Folders"* on page 40.
- **Change the Wallpaper**: For more information, see *"Wallpaper"* on page 41.

Adding and removing Home screen panels

Your phone comes with 7 Home screen panels. You can customize the Home screen to include up to the seven default panels, and set one panel as Home.

1. From the Home screen, touch ▭ **Menu**, then touch **Edit page**.

   Tip: You can also "pinch" the Home screen to display Edit options.

2. Use these controls to configure panels:

   🗑 **Remove**: Touch and hold on a panel, then drag it to **Remove**.

   ➕ **Add**: Touch a previously-removed panel to add it, up to the default total of six.

   ⬠ **Change panel sequence**: Touch and drag panels to different positions.

3. To change the order in which the panels appear, touch and drag each panel you want moved in place of the panel in the desired sequence.

Primary Shortcuts

Primary Shortcuts appear at the bottom of the display. You can edit the Primary Shortcuts, except for ▦ **Apps**.

Editing the Primary Shortcuts

To add or remove shortcuts:

■ Touch and hold a shortcut, then drag it from the Primary Shortcuts to the Home screen, or from the Home screen to the Primary Shortcuts.

To remove shortcuts:

■ Touch and hold the shortcut until ⬜ **Remove** appears, then drag the shortcut to the **Remove** icon.

Shortcuts

Use App shortcuts to launch applications from the Home screen. Your phone comes with app shortcuts already placed on the Home screen, and you can add your favorites.

Adding Shortcuts to the Home Screen

Adding shortcuts from the Home screen

1. Press the ▬▬ **Home** key, then touch and hold on the screen to display the **Add to Home screen** menu.

2. Touch **Apps and widgets → Apps** tab, then touch a selection.

3. Follow the prompts to configure the shortcut and add it to the Home screen.

Adding Shortcuts from Apps

1. Press the ▬▬ **Home** key.

2. Touch ▦ **Apps**.

3. Touch and hold on an app until it appears on the Home screen.

Removing Shortcuts

■ Touch and hold the shortcut until ⬜ **Remove** appears, then drag the shortcut to the Remove icon.

Widgets

Widgets are self-contained applications that you can place on the Home screen for quick, direct access.

Adding Widgets to the Home screen

1. Press the ▬▬ **Home** key, swipe to a Home screen panel, then touch and hold on the screen to display the **Home screen** menu.

2. Touch **Add to Home screen**, then select **Apps and widgets**.

3. Touch the **Widgets** tab, then touch a widget and follow the prompts to configure the widget and place it on the Home screen.

Adding Widgets from Apps

1. Press the ▬▬ **Home** key, and swipe to a Home screen panel.

2. Touch ▦▦ **Apps**, then touch the **Widgets** tab.

3. Touch a widget, then follow the prompts to configure the widget and place it on the Home screen.

Removing Widgets

■ Touch and hold the widget until 🗑 **Remove** appears, then drag the widget to the **Remove** icon.

Folders

Place folders on the Home screen to organize items.

Adding Folders

1. Press the ▬▬ **Home** key.

2. Touch and hold on the screen to display the **Home screen** menu, then select **Add to Home screen → Folder**.

   – or –

   Touch ▤ **Menu → Create folder**.

3. The folder appears on the Home screen. Touch the folder to name it.

Removing Folders

■ Touch and hold the folder until 🗑 **Remove** appears, then drag the folder to the Remove icon.

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Wallpaper

Choose a picture to display in the background of the Home screen. You can choose from pre-loaded wallpaper images, or select a picture you've taken with the Camera or downloaded.

1. Press the **Home** key, touch and hold on the screen to display the **Home screen** menu, then select **Set wallpaper → Home screen** / **Lock screen** / **Home and lock screens**.

2. Choose a source:
   - **Gallery**: Choose a picture stored on your phone or on an optional installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch **Done** to save the picture as wallpaper.
   - **Live wallpapers** (Home screen only): Choose from pre-loaded animated wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.
   - **Travel wallpaper** (Lock screen only): A pop-up describes Travel wallpaper as a slideshow of pictues from recommended travel destinations. Warns of possible data network charges. Touch **OK**. The **Travel wallpaper** screen appears. Touch **Slideshow interval** to select the time interval between downloads.
   - **Wallpaper**: Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Note: You can also set Wallpaper in **Settings**. (For more information, see *"Wallpaper"* on page 155.)

Apps

Apps lists shortcuts for all applications installed on your phone. Applications that you download and install from the Google Play™ Store or from the web are also added to **Apps**.

Like the Home screen, the **Apps** screen consists of panels that extend beyond the display width to provide more space. Swipe your finger horizontally across the screen to scroll to the additional Apps panels. As you scroll, an indicator at the bottom of the screen shows your current position.

(For more information about applications, see *"Applications and Widgets"* on page 86.)

You can place shortcuts to apps on the Home screen, for quick access to the apps. (For more information, refer to *"Adding Shortcuts from Apps"* on page 39.)

1. Press the ⬤ **Home** key, then touch ▦ **Apps**.
2. Swipe your finger left or right to scroll the Apps screens.
3. Touch an icon to launch the application.

Customizing the Apps Screens

Choosing a view

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

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

Apps screen options

1. Press the ▬ **Home** key, then touch ▦ **Apps.**
2. Touch ▭ **Menu** for options:
   • **Play Store**: Launch Google Play™ Store, to browse for new apps to download.
   • **Edit**: Touch and hold an app icon for these options:
     – Drag it to a new location.
     – Drag it to 🔂 to create a new folder to contain the icon.
     – Drag it to 🔂 to create a new apps screen panel and place the icon on it.
     – Drag it to 🗒 to launch Application manager to view information about the app. (For more information, refer to *"Application manager"* on page 194.)
     – Drag it to 🗑 (if available) to remove the icon. The trashcan is only available for apps you've installed. Pre-loaded apps cannot be removed.
   • **Create folder**: Add folders in which to group your apps.
   • **Uninstall**: Remove an app that you downloaded from your phone. Pre-loaded apps cannot be un-installed.
   • **Downloaded applications**: Display all apps you've downloaded.

• **View type**: Configure the apps screen.
• **Share apps**: Select apps you've downloaded (not available for pre-loaded apps) to share via Dropbox, Bluetooth, ChatON, Email, Flipboard, Gmail, Google, Google+, Messaging, S Memo, or Wi-Fi Direct.
• **Hide applications** / **Show hidden applications**: Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.

Understanding Your Phone   43

Entering Text

This section describes how to enter words, letters, punctuation, and numbers when you need to enter text.

Text Input Methods

There are three text input methods available:

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

• **Samsung keyboard (default)**: Samsung's on-screen QWERTY keypad 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.

Changing the Input Method

1. From a screen where you can enter text, touch the Status bar and drag down to display the Notifications panel.

2. Under **Ongoing**, touch ▦ **Select input method**.

3. Touch **Google voice typing**, **Samsung keyboard**, or **Swype**.

Using the Google Voice Typing Feature

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

Note: This feature works best when you break up your message into short segments.

1. On the keyboard, touch 🎤 **Voice Typing-Input select**.
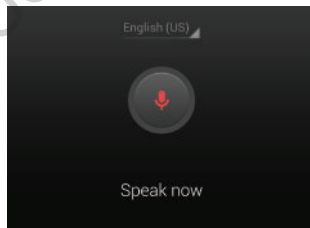
2. At the **Speak now** prompt, speak clearly and distinctly into your phone's microphone.

3. If the microphone icon changes from red to gray, Voice Typing has timed out.

To start again, touch the microphone icon.
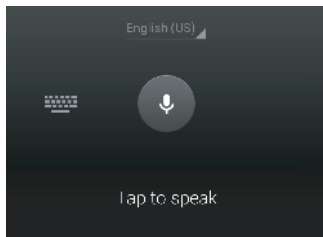
The text appears in the message as you are speaking.

4. To return to the keyboard, touch [keyboard icon].

From a screen where you can enter text, rotate your phone counterclockwise to a Landscape orientation. The on-screen QWERTY keypad will display.

Text Suggestions   More Suggestions

Shift Key

Delete Key

Text Input Mode

Voice Typing and Settings

Space Bar

New Paragraph
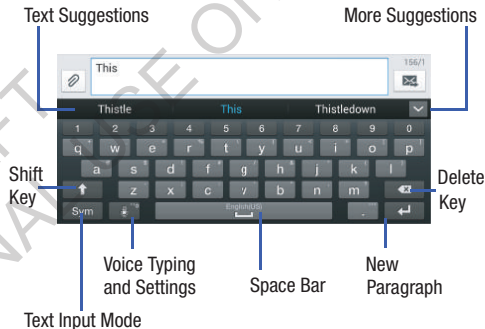
Changing the Text Input Mode - Keypad

There are two main keypad layout keys that will change the on-screen keys within the QWERTY keypad.

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

Sym
    Symbol Mode: Activates the number, symbol, and emoticon keys.

ABC
    Abc Mode: Activates the default alphabet keys.

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

Using ABC Mode

1. If desired, rotate your phone to a Landscape orientation.

2. When you touch a text entry field, such as the **Enter message** field for a new text message, the following keyboard image appears:

3. Touch the desired letter or number keys.

Note: The screen initially opens in **Abc** mode.

After typing the first letter, the Shift key (⬆) will change to ⬆ and additonal letters will be lower case.

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4. Touch ![shift key] to input another upper-case letter or touch ![shift key] twice to switch to ABC mode. The shift key will change to ![shift key] in ABC mode. Additional 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. If desired, rotate your phone to a Landscape orientation.

2. Touch ![Sym] (bottom-left on the keyboard). The following keyboard appears:

3. Touch the desired number, symbol, or emoticon characters.

4. To access additional symbols, touch ![1/2].

5. To return to **Abc** mode, touch ![ABC].

Predictive Text

Predictive Text supplies next-letter prediction(s) and regional error correction(s), which can compensate for pressing the wrong keys on the QWERTY keyboard. Predictive text is turned on by default.

To turn Predictive Text ON:

1. Touch and hold [mic] on the keyboard, then touch [settings]. The **Samsung keyboard settings** screen appears.

2. Touch the **Predictive text** slider `OFF` to **ON**.

3. In the text portion of the message screen, begin typing a word. A list of word options is displayed.

4. To replace the word that has already been typed, touch one of the words.
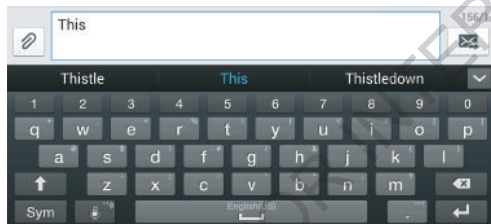
5. Continue typing your message.

6. Touch [send] to send the message or press [menu] for more options. (For more information, refer to *"Creating and Sending Messages"* on page 78.)

Entering Text Using Handwriting

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

1. On the keyboard, press and hold 🎤, 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 return to the Samsung keyboard.
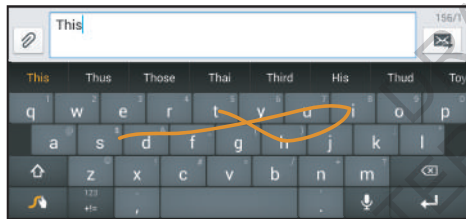
| 123 Sym | ⌨ | A⁄ | EN(US) ⎵ | ⌫ | Next |
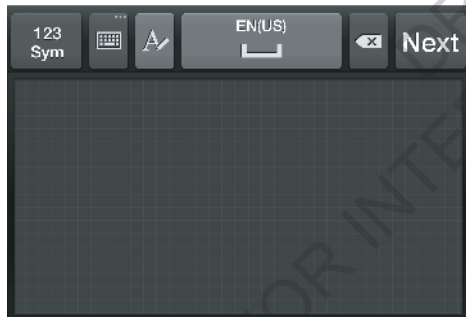
Samsung Keyboard Settings

For information on how you can configure your Samsung keyboard settings, see *"Keyboards and input methods"* on page 171.

Entering Text Using Swype

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

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 Settings

For information on how you can configure your Swype settings, see *"Keyboards and input methods"* on page 171.

Swype Text Entry Tips

From the **Swype settings** screen, you can access **How to Swype** tutorials on using Swype. You can also use the following Swype text entry tips:

- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Enabling and Configuring Swype

The Samsung keyboard is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

1. From a screen where you can enter text, touch and drag ▦ down from the Notifications area then touch **Select input method**.

2. Touch the **Swype** radio button, which turns green.

    The Swype keyboard appears.

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.

Accessing Your Accounts

■ From the Home screen, touch ▤ **Menu → Settings →**
  🖉 **Accounts**. The **Accounts** menu appears.
  Accounts

Setting Up Your Accounts

Set up and manage your accounts with the **Accounts** settings.

(For information about setting up other, non-synchronized email accounts, see *"Configuring Email Accounts"* on page 83.)

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

Adding an account

1. From the **Accounts** menu, under **My accounts**, touch **Add account**.

2. Select an account type, then follow the prompts to enter your credentials and sign in.

3. The phone communicates with the provider's server to set up your 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 the **Accounts** menu, under **My accounts**, touch the desired account type. The related account type screen appears.

2. Under **Accounts**, touch the desired account ID. The **Sync settings** screen for the selected account appears listing 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 Internet bookmarks**
   • **Sync Internet opened pages**
   • **Sync Memo**
   • **Sync People details**
   • **Sync Picasa Web Albums**
   • **Sync Tasks**

3. Touch these settings to enable/disable synchronization of the associated file types. When enabled, a check mark appears in each setting check box.
   • With automatic synchronization enabled, your phone automatically synchronizes its related files with similar files on on-line 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 control automatic synchronization using the **Sync** toggle in the Quick Settings menu on the Notifications screen. (For more information, refer to *"Quick Settings Menu"* on page 33.)

Google account Privacy Settings

These account settings affect the operations of most pre-loaded Google apps.

Personalize the Privacy settings for Google accounts:

1. From the **Accounts** menu, under **My accounts**, touch **Google**. The **Google** account type screen appears.

2. Under **Privacy**, the following options are available:

   • **Maps & Latitude**: Tailor **Location settings** for Google accounts.

   • **Search**: Manage Google accounts location histories and search histories.

   • **Location settings**: 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.

Managing accounts

1. From the **Accounts** menu, under **My accounts**, touch the desired account type. The related account type screen appears.

2. Under **Accounts**, touch the desired account ID. The **Sync settings** screen for the selected account appears. (For more information, refer to *"Controlling Synchronization"* on page 53.)

3. To enable or disable a synchronization setting, touch it. When enabled, a check mark appears in the check box.

4. To invoke the enabled synchronization settings for the selected account, touch **Sync now**.

5. To remove the selected account from your phone, touch **Remove account**. A **Delete account?** pop-up prompts you to confirm the removal.
   To remove the selected account, touch **Remove account**.

Contacts

To access Contacts:

- From the Home screen, touch 👤 **Contacts**.

Contact tips:

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

Adding Contacts

1. From the **Contacts** screen, touch ⬜ **Add contact**.
   - If you have defined accounts (Google, Samsung, and so on), the **Save contact to** pop-up appears. Select **Device** or the account to receive the new Contact entry.
   - If you have not defined any accounts, the **Save contact** pop-up appears. The following options are available:
     - **OK**: Saves your contacts in **"my device contacts"**.
     - **Add new account**: Lets you define an account to which your device will save your contacts. The **Add new account** screen appears. (For more information, refer to *"Setting Up Your Accounts"* on page 52.)

2. Touch contact fields to select or enter information:

- Touch ▢ **Add photo ID** to choose a picture to identify the contact.

- Touch **Name** to enter a name for the contact. Touch ▢ to enter **Name prefix**, **First name**, **Middle name**, **Last name,** or **Name suffix**.

- Touch **Phone number** to enter a phone number, then touch the **Label** button to choose a label, from **Mobile**, **Home**, **Work**, **Work Fax**, **Home Fax**, **Pager**, **Other**, **Custom**, or **Callback**. To add another number, touch ▢.

- Touch **Groups** to assign the contact to a group. For more information about Groups, see *"Groups"* on page 62.

- Touch **Ringtone** to choose a ringtone for the contact.

- Touch **Message alert** to select the alert tone to be played when you receive a message from this contact.

- Touch **Vibration pattern** to choose a vibration pattern to play when you receive a call or message from this contact.

- Touch **Add another field** to add more fields, including **Phonetic Name**, **Organization**, **Email**, **IM**, **Address**, **Notes**, **Nickname**, **Website**, **Events**, or **Relationship**.

3. When you finish selecting and entering information, touch **Save**.

Creating Contacts from Recent calls

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

Creating Contacts from the Phone Keypad

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

1. From the Home screen, touch 📞 **Phone**.

2. Touch the digits of the phone number on the **Keypad**.

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 55.)

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 the **Contacts** screen, touch a contact to view its information, then touch ▪ **Edit**.

   – or –

   Touch and hold a contact, then select **Edit** from the menu.

2. Continue entering/changing contact information. (For more information, refer to *"Adding Contacts"* on page 55.)

Updating Contacts from the Phone Keypad

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

1. From the Home screen, touch 📞 **Phone**.
2. Touch the digits of the phone number on the **Keypad**.
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 55.)

Updating Contacts from Recent calls

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

Choosing Contacts to Display

▪ From the **Contacts** screen, touch ▤ **Menu** → **Contacts to display**:

  • Choose **All contacts** to show all contacts.

  • Touch **Device** to show only show contacts saved to the phone.

  • Choose an account to only display contacts from that account.

  • Choose **Customized list** to display only selected contact types for each account, or the phone.

   To select the contacts to be listed, touch ▪ , then select one or more contact Groups or **All contacts** stored on your **Device** and/or one or more accounts.

Contacts Settings

■ From the **Contacts** screen, touch 🔳 **Menu → Settings**:

 • Select **Only contacts with phones** to show contacts with at least one stored phone number.

 • Touch **List by** to sort contacts by first or last name.

 • Touch **Display contacts by** to list contacts by first or last name.

 • Touch **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 61.)

Other Contacts Options

■ From the **Contacts** screen, touch 🔳 **Menu**. The following options are available:

 • **History**: View calls and messages to and from this contact.

 • **Edit**: Modify contact information. (For more information, refer to *"Updating Contacts"* on page 57.)

 • **Delete**: Erase the contact record.

 • **Join contact** / **Separate contact**: Manage multiple contacts as one. (For more information, refer to *"Joining Contacts"* on page 60.)

 • **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 61.)

 • **Add to reject list**: Mark the contact so that calls or messages from the contact are rejected automatically. To remove a contact from the reject list, touch and hold on the contact in the main contacts screen, then choose **Delete from reject list**.

- **Print contact info**: Print the namecard via Bluetooth to a compatible Samsung Bluetooth-enabled printer.
- **Place to home screen**: 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 via Bluetooth or as an attachment.

Creating My Local Profile

1. From the **Contacts** screen, under **ME**, touch:
   - Your name entry, then touch ▢ **Edit**.
   - ▢ **Set up profile**.

   The **My local profile** screen appears.

2. Change/enter the name for your profile.

3. If you want, touch **Add another field** and enter your information in the contact fields. (For more information, refer to *"Adding Contacts"* on page 55.)

Sending My Local Profile

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

1. From the **Contacts** screen, touch your profile to display your contact information.

2. Touch ▢ **Menu → Share namecard via**.

3. Choose a sending method or app from the **Share namecard via** pop-up, then follow the prompts to send the profile.

Accounts and Contacts   59

Joining 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 for one person.

Joining contact records allows you to see all the contact's numbers and addresses together. Joining 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.

Joining contacts

1. From the **Contacts** screen, touch a contact to display its information.

2. Touch ▤ **Menu** ➔ **Join contact**. A list of available contacts appears.

3. Select a contact to join to the displayed contact. The joined contact appears.

4. To join another contact, touch the **Connection** field. The Joined contact screen appears.
   • Touch **Join another contact**. A list of available contacts appears.
   • Select a contact to join to the displayed contact. The joined contact appears.

Separating contacts

1. From the **Contacts** screen, touch a contact to display its information.

2. Touch the **Connection** field to display joined contacts.

3. Touch ▢ to the right of a contact to remove it from the selected joined contact. You are prompted to confirm the separation.

4. Touch **OK**.

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 the **Contacts** screen, touch ▤ **Menu** ➔ **Import/ Export**.
2. Select an option, then follow the prompts to complete the operation:
   • **Import from USB storage**: Copy contacts that are saved in mass storage on your device.
   • **Export to USB storage**: Copy contacts to mass storage on your device.
   • **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.
   • **Share namecard via**: Share contacts as Namecards. (For more information, refer to *"Sending Namecards"* on page 61.)

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 the **Contacts** screen, touch ▤ **Menu** ➔ **Import/ Export** ➔ **Share namecard via**.
2. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark appears in the check box for marked contacts.
3. Touch **Done**.
4. Choose a sending method or app from the **Share namecard via** pop-up, 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

- From the **Contacts** screen, touch and hold on a contact, then select **Add to favorites** from the pop-up menu.

  – or –

  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 the **Contacts** screen, touch ▢ **Groups →** ▤ **Menu → Create**, then enter information:

   - Touch **Group name** to enter a Group Name.
   - Touch **Group ringtone** to choose a ringtone for calls from members of this group.
   - Touch **Message alert** to choose a ringtone for messages from members of this group.
   - Touch **Vibration pattern** to choose a vibration to play for calls from members of this group.
   - Touch **Add member** to select members from Contacts.

2. Touch **Save** to save the new group.

Editing a Group

1. From the **Contacts** screen, touch ▢ **Groups**.
2. Touch a Group to display it.
3. Touch ▤ **Menu** → **Edit**, then update information for the group. (For more information, see *"Adding a New Group"* on page 62.)

Deleting a Group

Tip: You can only delete groups that you have created.

1. From the **Contacts** screen, touch ▢ **Groups** → ▤ **Menu** → **Delete groups**.
2. Touch a Group to mark it for deletion, or touch **Select all** to mark all groups. When selected, a check mark appears in the check box. You cannot delete pre-loaded groups.
3. Touch **Delete**, then choose **Group only** or **Group and group members**.

Adding Contacts to a Group

1. From the **Contacts** screen, touch ▢ **Groups**.
2. Touch a Group to display it, then touch ▢.
3. Touch contact(s) to mark them for addition, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
4. Touch **Done** to add the selected contact(s).

Removing Contacts from a Group

1. From the **Contacts** screen, touch ▢ **Groups**.
2. Touch a Group to display it.
3. Touch ▤ **Menu** → **Remove member**.
4. Touch contact(s) to mark them for removal, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
5. Touch **Done** to remove the selected contact(s).

Sending a Message to Group Members

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

1. From the **Contacts** screen, touch ▢ **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**.
4. The new message opens, with the marked contacts as recipients. Continue creating the message, as desired. (For more information, refer to *"Creating and Sending Messages"* on page 78, or *"Composing and Sending Email"* on page 83.)

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 66.)

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

Assigning Speed Dials

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

Reassigning or Removing a Speed Dial

1. From the **Contacts** screen, touch ▭ **Menu** →
   Speed dial setting. A list of speed dials displays.
2. Touch and hold an assigned Speed dial setting, the
   following options pop-up:
   • **Replace**: Touch a new speed dial location to assign it to the
     contact.
   • **Remove**: Un-assign the speed dial from the contact.

Section 4: Calling

Making Calls

Your phone offers multiple ways to make calls:

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

Making Calls Using the Phone Keypad

1. From the Home screen, touch **Phone**.
2. Touch the digits of the telephone number on the **Keypad**.
3. Touch 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 64.)

1. From the Home screen, touch **Phone**.
2. Touch the digits of the speed dial number on the **Keypad**, holding the last digit until the number dials.

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 55.)

1. From the Home screen, touch 🔲 **Contacts**.
2. Find a contact you wish to call.
3. Swipe your finger from left to right across the contact to dial their default number.

   – or –

   Touch the contact or its photo ID, then touch 📞 to dial the desired number.

Making Calls using S Voice

Place a call by speaking the name or number.

1. From the Home screen, touch 📞 **Phone**. then touch 🎙 **S Voice**.
2. The first time you access S Voice, follow the prompts to confirm the license agreement, and view information about S Voice.
3. Follow the prompts to speak a command. You can say commands such as:

   • **Call <Name >**: Call an entry in your Contacts list.

   • **Dial <Phone number>**: Call a spoken phone number.

   • **Redial**: Repeat a recent call.

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 62.)

1. From the Home screen, touch **Phone**.
2. Touch **Favorites** to display favorites.
3. Find the desired contact entry.
4. Swipe your finger from left to right across the contact to dial their default number.

   – or –

   Touch a contact, then touch 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 71.)

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 press .
4. Touch **Merge** to merge the calls into one conference call.
5. To end the call touch .

Answering Calls

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

■ Touch and drag the 📞 **Answer** icon to the right.
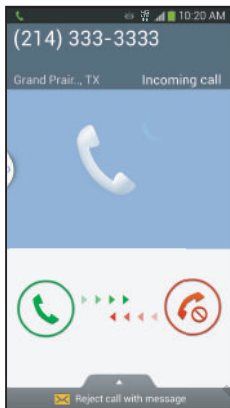
Tip: To silence the ringtone for an incoming call, press the **Volume** key Up or Down.

Sending Calls to Voicemail

When your 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**.

Note: For more information about creating reject messages, see *"Set up call rejection messages"* on page 73.

Answering Call-Waiting Calls

When you receive a call while on a 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.

● Touch **Swap** to place a call on hold and return to the original call.

Options During a Call

Personalize call sound

Noise reduction

Extra volume

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 or clear, 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**: Enable or disable increased volume in the earpiece. Compensates for low sound from the other caller.

- **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 additional options:
  – **Contacts**: Launch Contacts.
  – **Message**: Launch Messaging to view or create messages.
  – **Memo**: Launch S Memo to take notes in text, or create a drawing.

Ending a Call

■ Touch 🔴 .

Recent Calls

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

Accessing Recent calls

■ From the Home screen, touch ![Phone icon] **Phone →**
![Recent icon] **Recent** to display recent calls.

Making Calls using Recent calls

1. From the Home screen, touch ![Phone icon] **Phone**.

2. Touch ![Recent icon] **Recent** to display recent calls.

3. Swipe your finger from left to right across a call to redial.

   – or –

   Touch a call, then touch ![Call icon] to dial the number.

Sending Messages using Recent calls

1. From the Home screen, touch ![Phone icon] **Phone →**
![Recent icon] **Recent**.

2. Swipe your finger from right to left across the call.

   – or –

   For a contact call, touch the picture ID icon, then touch ![Message icon] to create a message to the number.

Creating or Updating Contacts Using Recent calls

1. From the Home screen, touch ![Phone icon] **Phone →**
![Recent icon] **Recent**.

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 55.)

Managing Recent calls

Deleting records

1. From the Home screen, touch **Phone →**
    Recent.

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 the Home screen, touch **Phone →**
    Recent.

2. While viewing the calls, touch **Menu**, then touch
   View by.

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 the Home screen, touch **Phone →**
    Recent.

2. While viewing calls, touch **Menu**, then touch **Call
   duration**.

Call Settings

Configure settings for calling with your phone.

■ To access Call settings, from the Home screen, touch
  Phone → ▭ Menu → Call Settings.

Call rejection

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

■ From the **Call Settings** screen, touch **Call rejection** for
  these options:

  • **Auto reject mode**: Choose Off, All numbers, or Auto reject
    numbers. When set to Auto reject numbers, calls from
    numbers on the Auto reject list will be rejected.

  • **Auto reject list**: Enter telephone numbers to be rejected when
    Auto reject mode is set to Auto reject numbers. 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. Enable **Unavailable** to reject calls
    with no caller ID (that is, Unknown callers).

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**.

2. Manage messages:

   • To create new messages, touch **Create**, then follow the
     prompts.

   • To modify an existing message, touch the message, then edit
     the text.

Answering/ending calls

Manage settings for answering and ending calls.

■ From the **Call Settings** screen, touch **Answering/ending
  calls**. The following options are available:

  • **The home key answers calls**: When enabled, you can answer
    an incoming call by pressing ▬ **Home**.

  • **Voice control**: When enabled, you can answer calls using the
    S Voice wake-up command.

  • **The power key ends calls**: When enabled, pressing ▬ o
    Power/Lock ends 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 phone is used to turn the screen back on when the phone is moved or brought close to another surface, such as when you move the phone to your ear.

■ From the **Call Settings** screen, touch **Turn off screen during calls** to enable or disable this option.

When this option is enabled, a check mark appears in the check box.

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**: Enable **Vibrate on connection to network** to have your phone vibrate when it connects to the network. Enable on **Call-end vibration** to have the phone vibrate when the other caller ends the call.

• **Call status tones**: Choose options for sounds to play during calls. Enable **Call connect tone** to have the phone play a tone when the other caller answers a call. Enable **Minute minder** to have a tone play once per minute during a call. Enable **Call end tone** to have the phone play a tone when the other caller ends the call.

• **Alerts on call**: Enable to have notifications for alarms and new messages play during phone calls. When disabled, these notifications will be 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 you have a headset connected to the Headset Jack, incoming calls are answered automatically 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.

Ringtones and keypad tones

Select incoming call ringtone and vibration, and enable or disable call vibration and keypad tones.

■ From the **Call Settings** screen, under **Ringtone and sound settings**, touch **Ringtones and keypad tones**. The following options are available:

   • **Ringtones**: Select the ringtone your phone plays to alert you of incoming calls.

   • **Vibrations**: Select the vibration pattern your phone uses to alert you of incoming calls.

   • **Vibrate when ringing**: Touch to enable/disable use of your selected **Vibrations**. When enabled, a check mark appears in the check box.

   • **Keypad tones**: Touch to enable/disable playing of DTMF tones when you enter numbers with the Phone keypad. When enabled, a check mark appears in the check box.

Personalize call sound

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

1. From the **Call Settings** screen, under **Ringtone and sound settings**, touch **Personalize call sournd**.

2. Choose to Adapt sound, to use Soft sound or Clear sound, or Off (sound set with the Volume key).

Noise reduction

When enabled, the phone uses both of its microphones to detect background noise from your environment and suppress it during calls.

■ From the **Call Settings** screen, under **Ringtone and sound settings**, touch **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, under **Ringtone and sound settings**, 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, your phone uses your wireless service provider's voicemail service. If you have another option for voicemail installed, select it here.

• **Voicemail settings**: By default, the speed dial for calling voicemail (speed dial 1) is set to your phone number. If you wish to use another Voicemail service, touch **Voicemail number** to set a new one.

• **Sound**: Choose the 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**, the following options are available:

• **Auto retry**: When enabled, the phone will automatically redial a call if it receives a busy signal from the network.

• **TTY mode**: Choose a TTY mode to enable TTY mode, for use with optional TTY equipment.

• **DTMF tones**: Set the length of Dual-tone Multi-frequency tones, which play when you use the keypad during a call, such as when navigating phone menus.

• **Voice privacy**: Enable or disable Enhanced voice privacy, to improve the security of phone calls.

Section 5: Messaging

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

Types of Messages

Your 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**: Send and receive text messages with pictures, video, and/or sound to other mobile phones or email addresses (also known as MMS).

- **Mobile IMs**: Exchange Instant Messages with other users of popular messaging sites.

- **Email**: Send and receive email from your email accounts, including Corporate mail.

- **Gmail**: Send and receive Gmail from your Google account.

- **Voicemail**: Retrieve voice messages from callers.

- **Google Talk**: Chat with other Google Talk users.

Text and Multimedia Messaging

Your phone can send and receive text and multimedia messages.

Creating and Sending Messages

1. From the Home screen, touch ✉ **Messaging** ➔ ✎ **New message**.

2. Touch **Enter recipient** and enter a name, phone number or email address, or touch ▣ to add recipients from Contacts. As you enter text, matching contacts appear. Touch a contact to add it to the list.

3. Touch **Enter message**, then enter the message text. The following options are available (which options are available depends on whether you include an attachment):

   - Touch ⬚ **Attach** to add media (images, pictures, videos, audio files) or content (S Memos, Calendar events, Locations, Contacts) to the message (converts the message to MMS).

• Touch ☰ **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.

– **Preview**: View the message and attachments before sending.

– **Add to Contacts**: If the recipients are not saved in Contacts, save the info as a new contact, or update an existing contact.

– **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.)

– **Duration (5sec)**: Set the length of time the media on the slide displays.

– **Layout (bottom)**: Choose whether the message text appears above (Text on top) of the attachment(s), or after (Text on bottom).

– **Scheduled message**: Choose the date and time when this message will be delivered.

– **Discard**: Erase this message.

– **Translate**: Launches S Translator to translate your typed or spoken words to another language. (For more information, refer to *"S Translator"* on page 119.)

4. Touch ⊠ to send the message.

Managing Messages

Messages 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 the Home screen, touch ✉ **Messaging**.

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

• Touch and hold a thread to choose options, including:

– **View Contact** / **Add to Contacts**: View the contact record, or save the sender/recipient's information.

– **Delete thread**: Erase the entire message thread.

– **Add to spam numbers**: Add this number to message reject list. Messages from this number are automatically placed in the Spam messages folder.

- 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**: Messages you have composed and saved for later reuse and/or to be sent to a recipient.

  – **Locked messages**: Messages you have locked to protect them from accidental deletion.

  – **Scheduled messages**: Messages you have set to be delivered at a selected date and time.

  – **Spam messages**: Messages received from numbers you have registered as spam senders.

  – **Settings**: Configure Messaging settings.

Message Settings

Configure settings for message storage, delivery, or alerts.

1. From the Home screen, touch 📩 **Messaging** ➔ ▭ **Menu** ➔ **Settings** for options:

   • **General settings**:

   – **Delete old messages**: When enabled, messages are automatically erased when storage reaches default limits. When disabled, the phone will prompt 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**: Text templates are 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 you send.

   – **Auto combination**: When enabled, re-assembles multi-segment messages and shows them as a single message.

- **Multimedia message (MMS) settings**:
  - **Delivery reports**: When enabled, you receive a delivery report for multimedia messages 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, alerts you when a message changes mode to 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**: Choose to have message alert repeat Once, Every 2 minutes, or Every 10 minutes.
  - **Preview message**: When enabled, a preview of a received message appears in the Status bar.
- **Emergency message settings**:
  - **Emergency alerts**: This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert Service (CMAS), including Presidential Alerts, Imminent Alerts (Severe or Extreme), 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 (check mark shown). (For more information about Emergency Alerts see *"Emergency alerts"* on page 82.)
  - **Emergency notification preview**: Listen to an example of a Emergency Alert tone (and vibration, if enabled). The Emergency Alert tone plays at the same volume as your call ringtone.

- **Vibrate**: Configure vibration for Emergency Alerts.
- **Alert sound**: When enabled, a sound plays for emergency alerts.
- **Alert reminder**: Choose whether, and at what interval, your phone plays a sound to notify you of a Emergency Alert after the Emergency Alert tone has stopped.

- **Signature settings**:
  - **Add signature**: When enabled, adds your signature text to the end of your outgoing messages.
  - **Signature text**: Enter text to be added to the end of your outgoing messages.

- **Spam message settings**:
  - **Spam settings**: When enabled, the Spam message settings are activated.
  - **Add to spam numbers**: Enter sender numbers whose messages are blocked automatically.
  - **Add to spam phrases** : Enter message text phrases that will cause messages to be blocked automatically.
  - **Block unknown senders**: When enabled, messages from "Unknown" senders are blocked automatically.

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 (You cannot disable this alert.)
- Extreme
- Severe
- AMBER Alerts (missing person alert)

You may choose not to receive Extreme Alerts, Sever Alerts, and AMBER Alerts. Presidential Alerts, however, cannot be disabled. To disable Extreme and Severe Threat Alerts and AMBER Alerts, do the following:

1. From the Home screen, touch **Messaging** → **Menu** → **Settings** → **Emergency alerts**.
2. All alerts are enabled by default (check mark showing). To disable alerts, touch an alert to remove the check mark.

Email

Send and receive email using popular email services.

Configuring Email Accounts

You can configure Email for most accounts in just a few steps.

Tip: For better management of Microsoft Exchange® ActiveSync email accounts, configure them using the **Accounts** setting. (See *"Microsoft Exchange ActiveSync"* on page 186.)

Configuring your first email account

1. From the Home screen, touch <img> **Email**.
2. Touch **account@example.com** to enter your email address, then touch **Password** or touch **Next** to enter your password.
3. If prompted, touch a setup option:
   • **Manual setup**: Configure the account manually. Touch **POP3**, **IMAP** or **Exchange**, then enter the account details. (For account details, contact your Email service provider or your organization's IT support.

• **Next**: Connect to the server to set up the account automatically. Follow the prompts to complete set-up, then touch **Done**.

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

Adding More Email Accounts

For information on adding additional Email accounts, see *"Email"* on page 181.

Composing and Sending Email

1. From the Home screen, touch <img> **Email** → <img> **Compose**.
2. Touch fields to enter recipients and the message Subject and text.
3. While composing a message, touch <img> **Menu** for options.
4. Touch <img> **Attach** to add a file to the message.
5. Touch <img> **Send** to send the message.

Managing Emails

Refreshing Your Email Account

Refresh your account to update your 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 an account to view it, then touch **Menu →
    Settings → General settings** for options.

Gmail

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

■ From the Home screen, select **Apps →
     Gmail**.

Setting Up Your Gmail Account

The first time you launch Gmail, your phone will prompt you to set up your Google account.

1. From the Home screen, select **Apps →
     Gmail**.

2. Follow the prompts to sign in, or create a new 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 your phone. To add another account, from within Gmail, touch **Menu → Settings → ADD ACCOUNT** option.

Refreshing Your Gmail Account

Refresh your account to update messages on your phone.

1. From the Home screen, touch ▦ **Apps** ➔
   Gmail.

2. Touch ↻ **Refresh**.

Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From the Home screen, touch ▦ **Apps** ➔
   Gmail.

2. Touch ▭ **Menu** for options.

Composing and Sending Gmail

1. From the Home screen, touch ▦ **Apps** ➔
   Gmail ➔ **New message**.

2. Touch fields and to compose the message. While
   composing, touch ▭ **Menu** for options.

3. When your message is complete, touch ➤ **Send**.

Google Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. Log on to your Google account if you have not already done so. For more information, refer to *"Your Google™ Account"* on page 17.

2. From the Home screen, touch ▦ **Apps** ➔ **Talk**.

3. Begin using Google Talk.

4. Press ▭ ➔ **Help** for more information on using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Section 6: Applications and Widgets

This section contains a description of each application and widget that is available in the Apps and Widget menus, the function, and how to launch that particular application or widget. If the application or widget is already described in another section of this user manual, then a cross reference to that particular section is provided.

Note: This manual only addresses applications that 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 other sources should be obtained from the application provider directly and not from Samsung.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. (For details, see *"Customizing the Home Screen"* on page 38.)

You can also add an application icon as a Primary Shortcut that will display on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Apps menu. (For more information, refer to *"Editing the Primary Shortcuts"* on page 39.)

Accessing Applications

1. Press **Home**, then touch **Apps**, and the **Apps** tab. The **Apps** screen appears in the display.
2. Sweep your finger right or left to scroll the Apps screens.
3. To launch an application, touch the application's icon.

Downloading and Installing Apps

Find new apps to download and install on your device:

- **Play Store**: For more information, refer to *"Play Store"* on page 119.
- **Samsung Apps**: For more information, refer to *"Samsung Apps"* on page 120.

Customizing the Applications Screens

Choosing a view

By default, application icons appear in Customizable grid view. You can change the view to Alphabetical grid view or Alphabetical list view.

1. From the **Apps** screen, touch ▭ **Menu** ➔ **View type**. The available options are:

   - **Customizable grid**: Arrange application icons in the order you prefer.
   - **Alphabetical grid**: Application icons automatically arranged in alphabetical order.
   - **Alphabetical list**: Application icons automatically listed in alphabetical order.

Moving Application icons

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

1. From the **Apps** screen, touch ▭ **Menu**, then touch **Edit**.

Note: The **Edit** option is not available with the **Apps** screen **View type** set to **Alphabetical list**.

2. Touch and hold an application icon, then drag it to a new location.
3. When you are finished, then touch **Save**.

Filtering Application icons

You can select which icons appear in the **Apps** screen.

- From the **Apps** screen, touch ▭ **Menu**, then touch either of the following options:

   - **Downloaded applications**: Shows only those applications you have downloaded and installed on your phone.
   - **Hide applications**: Mark those applications you do not want to appear on the **Apps** screen by touching their icons (check marks appear in their check boxes), then touch **Done**. The **Apps** screen appears without the hidden applications.

Applications List

Calculator

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

1. From the **Apps** screen, touch 🔣 **Calculator**.
2. Enter the first number using the on-screen numeric keys.
3. Enter the operation for your calculation by touching the corresponding on-screen arithmetic function key.
4. Enter the second number.
5. To view the result, touch equals (**=**).
6. To view calculator history, touch ▬▬▬ located at the top of the calculator buttons. A history of your past calculations is displayed. Touch ▬▬▬ again to display the calculator keypad.
7. To clear the calculator history, touch ▤ **Menu** ➔ **Clear history**.
8. To change the text size, touch ▤ **Menu** ➔ **Text size**. Touch Small, Medium, or Large.

9. To display the scientific calculator, rotate your phone to the landscape (horizontal) position.

Calendar

Record events and appointments to manage your schedule.

Tip: A Calendar widget is available in Widgets. (For more information about placing widgets on the Home screen, see *"Widgets"* on page 40.)

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1. From the **Apps** screen, touch 📅 **Calendar**.
2. Touch a tab to choose a calendar view:
   • **Year**: Display the current year and scroll to other years.
   • **Month**: Display the current month and scroll to other months.
   • **Week**: Display the current week, and scroll to other weeks.
   • **Day**: Display today's schedule, and scroll to other days.
   • **List**: Display events and tasks in a chronological list.
   • **Task**: Display tasks in a chronological list.
3. Touch ▤ **Menu** for these options:
   • **Go to**: Display a specific date.
   • **Delete**: Delete an event.
   • **Search**: Search for calendar events.

- **Sync**: Synchronize your phones calendar with your account calendars. (For more information, refer to *"Setting Up Your Accounts"* on page 52.)
- **Settings**: Customize the calendar.

Customizing the Calendar

1. From the **Apps** screen, touch **Calendar**.
2. Touch **Menu ➔ Settings** to configure these settings:
   - **View settings**:
     – **View styles**: Choose Month view style (Calendar view + list, Calendar view +pop-up) and/or Week view (Timeline, Analog).
     – **First day of week**: Choose a day to begin each week.
     – **Hide declined events**: Enable or disable display of events.
     – **Lock time zone**: When enabled, sets event times and dates to a specified time zone, so that times and dates will not change if you move to another time zone.
     – **Select time zone**: When Lock time zone is enabled, specify the time zone for all events.
     – **Show week number**: Display the number of the week (1 – 52) in a **W** column to the left of **Sun**.
     – **Calendars**: Select calendars to display.
   - **Event notification**:
     – **Set alerts & notifications**: Choose Alert to receive alerts, Status bar notification to display notifications in the Status bar, or Off for no notifications or alerts.
     – **Select ringtone**: Choose a ringtone for event notifications, then touch **OK**.
     – **Vibration**: Enable/disable vibration for event notifications.
     – **Quick responses**: Pre-composed text to include with email notifications to meeting attendees, guests, and so on.

Sending Events

Send events as vCalendar files to other compatible devices.

1. From the **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 127.)

Camera

Use your 13.0 megapixel Camera feature to take photos and save them in JPEG format. Your phone also functions as a camcorder to record videos and save them in MPEG format.

Important! Do not take photos or videos of people without their permission.
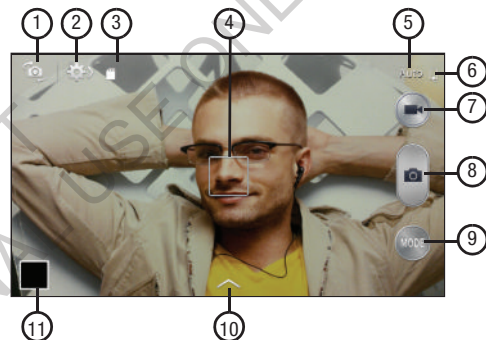
Do not take photos or videos in places where cameras are not allowed.

Do not take photos or videos in places where you may interfere with another person's privacy.

Launching the Camera

■ From the Home screen or the **Apps** screen, touch 📷 **Camera**. The Camera view finder screen appears.

Camera Controls

1. **Front/Rear Camera toggle**: Touch to select either the Rear camera (default) or the Front camera.

2. **Options**: Touch to access Camera Settings and Options (Flash, Night Shot, Voice Control, Video Recording Mode, and Sharing).

3. **Storage location**: Indicates where your photos will be stored: phone memory or memory card (shown).

4. **Focal Point**: Indicates the Camera focal point. To change the focal point, touch a new point on the view finder image.

5. **Camera MODE indicator**: Indicates the current Camera Mode setting. To change the Mode setting, touch the Mode button.

6. **Battery level indicator**: Indicates the available battery charge when the phone is connected to a charger.

7. **Camcorder button**: Touch to start recording a video of the subject in the view finder screen. Displays video recording controls.

8. **Take button**: Touch to take a picture of the subject in the view finder screen.

9. **MODE button**: Touch to review or select the camera's shooting mode (Auto, Beauty face, Best photo, Best face, Sound & shot, Drama, Animated photo, Rich tone (HDR), Eraser, Panorama, Sports, or Night).

10. **Effects tray**: Touch to review or select the color affect applied to pictures (No effect, Vignette, Grey-scale, Sepia, Vintage, Faded color, Turquoise, Tint, Cartoon, Moody, Rugged, Oil pastel, or Fisheye).

11. **Gallery**: Shows a thumbnail image of the last picture or video you have taken or recorded. Touch to access the thumbnail image or the Gallery (see *"Gallery"* on page 103).

Launching the Camcorder

■ From the Camera view finder screen, touch 📷. The Camcorder view finder screen appears.

Camcorder Controls

1. **Auto Focus button**: Indicates that the Focus Point has been changed. Touch to return to default (image center) Focus Point.
2. **Recording Status indicator**: Indicates whether recording (as shown) or paused.

3. **Recording Length counter**: Indicates the current length (in minutes and seconds) of this video.
4. **Focal Point**: Indicates the Camcorder focal point. To change the focal point, touch a new point on the view finder image. This causes the Auto Focus button to appear.
5. **Recording Size counter**: Indicates the size of your recording (in kilobytes).
6. **Battery level indicator**: Indicates the available battery charge when the phone is connected to a charger.
7. **Recording Stop button**: Stops and saves the current video recording and returns you to the Camera viewfinder.
8. **Recording Pause button**: Interrupts the current video recording. Replaced by the Recording Resume button.
9. **Image Capture button**: Touch to capture an image from the video while recording. (Not available with **Video stabilization** set to **On**.)
10. **Gallery**: Shows a thumbnail image of the last picture or video you have taken or recorded. Touch to access the thumbnail image or the Gallery (see *"Gallery"* on page 103).

Taking Single Camera Pictures

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

1. From the **Apps** screen, touch 📷 **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.
   • To configure settings, see *"Camera Settings"* on page 95.
3. To take the picture, touch 📷 **Take**.

Taking Dual Camera Pictures

Using the Dual Camera feature, you can take pictures that combine the views of both the front and rear cameras.

1. From the **Apps** screen, touch 📷 **Camera**.
2. From the viewfinder, touch 📷 **Dual Camera**.
   The front camera view is placed in a small picture frame and overlaid on the rear camera view.
3. Once you have the desired pictures in both views, touch 📷 **Take** to take the combined photo.

Repositioning the front camera image

■ Touch and hold the small picture frame, then drag it to the desired position.

Resizing the front camera image

■ Touch and hold the small picture frame at one of its corners, then drag the corner to enlarge the image.

Recording Videos

1. From the **Apps** screen, touch **Camera**.
2. 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 *"Camera Settings"* on page 95.
3. To start recording, touch **Camcorder**.
4. To pause recording, touch .
5. To resume recording, touch .
6. To capture an image from the video while recording, touch . This feature is not available when the Anti-Shake feature is activated.
7. To stop recording, touch .

Reviewing Pictures and Videos

- After taking a picture, touch **Gallery** to view the picture. While viewing the picture, use these options:
  - "Pinch" the screen, or touch the zoom icons, to zoom in or out, or double-touch to zoom all the way in or out.
  - Touch **Share** to send the picture using ChatON, Group Play, Bluetooth, Dropbox, Email, Flipboard, Gmail, Google+, Messaging, Picasa, S Memo, Wi-Fi Direct, or YouTube.
  - Touch **Edit** to change the appearance of your picture.
  - Touch **Trim** to cut frames from your video.
  - Touch **Delete** to erase the picture or video. sti
  - Touch **Menu** to access added options: Favorite, Slideshow, Photo frame, Photo note, Copy to clipboard, Print, Rename, Scan for nearby devices, Set as, Buddy photo share, Rotate left, Rotate right, Crop, Detect text, Scan for nearby devices, Details, or Settings.

Picture Options

Use these view finder options to configure the camera:

- 📷 **Self portrait**: Switch between the back camera and the front camera, for self-portraits.
- ⚙️ **Quick Settings**: Displays the following, configurable options:
  - 🔦 **Flash**: Choose Off, On, or Auto flash.
  - 🎙️ **Voice Commands**: Displays when Voice control is enabled.
  - 🎥 **Recording mode**: Determines the recording speed for video recording. Selections: Normal, Limit for MMS, Slow motion, and Fast motion.
  - 📤 **Share**: Determines the Share method or mode. Selections are Off, Share shot, Buddy photo share, ChatON photo share, or Remove viewfinder.

Camera Settings

Values you choose for these settings become the new default values until you change or **Reset** them.

- From the Camera viewfinder screen, touch ⚙️ **Quick settings** ➔ ⚙️ **Settings**.

Camera tab

- **Photo size**: Choose a size (in pixels) for the image.
- **Burst shot**: Detects action to automatically take multiple pictures to create a panorama.
- **Face detection**: Detects a face with eyes open to automatically take a picture.
- **Metering**: Select a method for measuring light.
- **ISO**: Choose a setting for imaging sensitivity.
- **Anti-Shake**: Choose On to minimize the effect of camera movement.
- **Auto night detection**: Choose On to automatically enable Night Shot exposure according to available light.
- **Save as**: Delivers images with greater intensity which is effective for reducing overexposure in bright conditions.

Camcorder tab

- **Video size**: Choose 1920x1080 (16:9), 1440x1080 (4:3), 1280x720 (16:9), or 320x240 (4:3).
- **Video stabilization**: Choose On to minimize the effect of camera movement.

Common Settings tab

- **GPS tag**: Add GPS location information to photo or video details.
- **Review**: When set to On, displays each picture after you take it.
- **Volume key**: Choose the shortcut assigned to the Volume key (Zoom, Camera Take, Camcorder Record).
- **Timer**: Set a delay before taking a picture or starting a video recording.
- **White balance**: Choose a setting to match the light source.
- **Exposure value**: Adjust the picture brightness level by moving the slider.
- **Guidelines**: Enable or disable an on-screen grid to aid in photo composition.
- **Flash**: Choose Off, On, or Auto flash.
- **Voice control**: Choose OFF or ON, then enable or disable voice commands Smile, Cheese, Capture, and Shoot.

- **Contextual filename** (requires GPS tagging): Lets you adjust the filename based on contextual information, such as your current GPS location.
- **Save as flipped**: Flips the images from the front camera left-to-right so photos and videos are oriented as though they were recorded by the rear camera.
- **Storage**: Choose to store your pictures and videos in Phone memory or on an optional Memory card.
- **Reset**: Returns all settings to factory default values.

ChatON

Provides a global service where you can chat with more than 2 buddies using a group chat. Share things such as pictures, videos, animation messages (Scribbles), audio, Contacts, Calendar entries, and Location information.

Important! Your Samsung account manages the access information (username/password) to several applications, such as AllShare Play, ChatON, and Media Hub.

(For more information, visit: https://web.samsungchaton.com and see *"Adding an account"* on page 52.)

  ■ From the **Apps** screen, touch 🟠 **ChatON**.

Chrome

Google Chrome is a full-HTML browser.

  1. From the **Apps** screen, touch 🔴 **Chrome**.
  2. Follow the prompts to initially set up Chrome.
       (For more information, touch ☰ **Menu → Help**.)

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 appears on the display, and what outputs are active, when you connect your phone to an optional dock.

  ■ From the **Apps** screen, touch 🕙 **Clock**.

Alarm

This feature lets you set an alarm to ring at a specific time.

1. From the Clock screen, touch **Alarm ➔ Create alarm**. The following options are available:

   • **Time**: Touch ▲ **Up** or ▼ **Down** to set the time for the alarm to sound. Touch **AM** or **PM**.

   • **Alarm repeat**: Use this option to set the repeating status for the alarm by touching one the days that you want the alarm to sound. Touch the Repeat weekly checkbox to have the alarm repeat weekly.

   • **Alarm type**: Sets the way in which the alarm sounds when activated (Melody, Vibration, Vibration and melody, and Briefing).

   • **More**: Displays the following additional options:

   – **Alarm tone**: sets the sound file which is played when the alarm is activated. Select an option or touch Add for additional options.

   – **Alarm volume**: drag the slider to adjust the alarm's volume.

   – **Location alarm**: When activated, the alarm only sounds when you are at a specific location. Touch and slide the slider to the right to turn it on ▢ **ON** then follow the on-screen instructions to enter a location.

   – **Snooze**: Use this option to set Snooze Interval (3, 5, 10, 15, or 30 Minutes) and Snooze repeat (1, 2, 3, 5, or 10 Times). Touch the ON/OFF slider to activate.

   – **Smart alarm**: Tracks body movements and calculates the best time for sounding the alarm. Place the phone somewhere on your bed then the phone's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the Interval and the Tone. Touch the ON/OFF slider to activate.

   – **Name**: Lets you use a specific name for the alarm. The name will appear on the display when the alarm activates.

2. Touch **Save** to store the alarm details.

Turning Off an Alarm

■ To stop an alarm when it sounds, touch and sweep the ⊗ icon to the right.

Setting the Snooze Feature

■ To activate the Snooze feature after an alarm sounds, touch and sweep the (z) icon to the left. Snooze must first be set in the Alarm settings. (For more information, refer to *"Alarm"* on page 98.)

Deleting Alarms

To delete multiple alarms, follow these steps:

1. From the Clock screen, touch **Alarm → ☰ Menu → Delete**.

2. Touch the alarm or alarms you wish to delete. A green check mark will appear next to each selection.
   To delete all alarms, touch **Select all**.

3. Touch **Delete**.

To delete a single alarm:

1. From the Clock screen, touch **Alarm**.

2. Touch and hold on the alarm you want to delete. A pop-up menu appears.

3. Touch **Delete**.

World Clock

World Clock allows you to view the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.

1. From the Clock screen, touch **World Clock**. The clock for your time zone appears.

2. Touch **Add city** to add another city to the World Clock.

3. Scroll through the list of cities to find the city you want to add, or touch the Search bar and use the keypad to enter a city to search for.

4. Touch the city you want to add. The clock for that city will display.

5. To set Daylight Savings time, press and hold a city, then touch **DST settings**.

6. Select **Automatic**, **Off**, or **1 hour**.

7. If Daylight Savings Time is selected, a sun symbol on the World Clock listing will appear.

Deleting a World Clock Entry

1. From the Clock screen, touch **World Clock** ➔ **Menu** ➔ **Delete**.
2. Touch and hold the city clocks you wish to delete.
3. Touch **Delete**.

Stopwatch

You can use this option to measure intervals of time.

1. From the Clock screen, touch **Stopwatch**.
2. Touch **Start** to start the stopwatch and touch **Lap** to mark a unit of time per lap.
3. Touch **Stop** to stop the stopwatch.
4. Touch **Restart** to continue or touch **Reset** to erase all times recorded.

Timer

You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

1. From the Clock screen, touch **Timer**.
2. The **Minutes** field is highlighted and set to 1 minute. Use the keypad to set the number of minutes you want.
3. Touch the **Hours** field to set hours if desired. As you touch different fields, they will become highlighted.
4. Touch the **Seconds** field to set seconds.
5. Touch **Start** to begin the timer, and touch **Stop** to pause the timer.
6. After stopping, touch **Restart** to continue, or touch **Reset** to reset the timer back to the original setting.

Desk clock

You can use the Desk clock when you have a desk dock and you want your phone to display the time, day, date, location, and weather conditions when it is docked.

1. From the Clock screen, touch **Desk clock**.

   The default Desk clock is displayed.

2. Touch 🖵 to display the Desk clock in full-screen mode.

3. To make changes, touch ▤ **Menu → Settings**.

4. The following options are displayed while in full-screen mode:

   • **Hide status bar**: When this is checked, the status bar is hidden from view.

   • **Wallpaper**: Touch to select Desk clock wallpaper from Default, Gallery, or Same as home screen.

   • **Calendar**: When this is checked, the calendar is displayed. Touch to uncheck.

   • **Weather**: When activated, the location, temperature, and weather condition are displayed. Touch and slide the slider to the right to turn it on ▐ ON .

• **Dock**: Lets you set your Dock settings such as Dock sound, Audio output mode, Desk home screen display, Automatic unlock, and Audio output.

Contacts

Contacts lets you access and manage your Contacts list, Contacts Groups, Favorites list, and Speed dial settings. (see *"Contacts"* on page 55.)

■ From the **Apps** screen, touch 👤 **Contacts**.

Downloads

View and manage files and other items you download to your 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 from Google Play™ Store are managed with the Play Store app, and do not appear in **Downloads**.

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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. (For more information, refer to https://www.dropbox.com/.)

■ From the **Apps** screen, touch **Dropbox**.

Email

Send and receive email using popular email services.

(For more information, see *"Email"* on page 83.)

■ From the **Apps** screen, touch **Email**.

Flipboard

The Flipboard application creates a personalized digital magazine out of information being 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.

This application creates a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds, and other related material.

(For more information, go to http://flipboard.com/.)

1. From the **Apps** screen, touch **Flipboard**.

2. Swipe upward across the screen, select some on-screen categories, and touch **Done** to create a new profile.

   – or –

   Touch **Tap to sign in** to log into your previously created profile.

3. Follow the on-screen instructions.

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, refer to *"Installing a Memory Card"* on page 9.)

1. From the **Apps** screen, touch **Gallery**.
   All of the Albums that hold your pictures and videos will be displayed with folder name(s) and number of files.

2. Touch an Album and thumbnails of the contents will be displayed.

Tip: If your device indicates that memory is full when you access Gallery, use the **My files** app to delete some of the files, and try again. (For more information, refer to *"My Files"* on page 117.)

Gallery options

■ From the Gallery screen, touch **Menu** for options:

- **Select album**: Mark one or more albums for copying, moving, and so on.
- **Slideshow**: View all of your pictures as a slideshow.
- **Content to display**: Choose which image and/or video albums and files are listed (All content, Content in device, Content in Dropbox, Content in Facebook, and/or Content in Picasa).
- **Scan for nearby devices**: Scan for in-range devices that can be connected with and sent the current image.
- **Settings**:
  - **Accounts**: Lists account(s) with which your Gallery contents is synchronized.
  - **SNS data management**: Choose whether to Synch only via Wi-Fi.
  - **Tags**: Choose whether to turn Tag buddy on or to enable Face tag.
- **Help**: Provides instructions on using Gallery features.

Viewing Pictures

1. From the Gallery screen, select an album, then touch a picture to view it.

2. While viewing a picture, touch on the screen or touch ▤ **Menu** for options.

   • Touch ▨ **Gallery** to return to the album view.

   • Touch ▥ **Change player** to share this picture with Group Play.

   • Touch ◀ **Share** to send the picture using ChatON, Group Play, Dropbox, Flipboard, Picasa, Google+, S Memo, Bluetooth, Wi-Fi Direct, Messaging, Gmail, or Email.

   • Touch ▥ **Delete** to erase the picture.

   • Touch ▣ **Camera** to return to the Camera viewfinder screen.

   • Touch ▤ **Menu** for the following additional options:

     – **Edit**: Launches photo editor to Rotate, Crop, adjust the Color balance, or apply a selected color Effect.

     – **Favorite**: Add your photo as a favorite.

     – **Slideshow**: View all of your pictures as a slideshow.

     – **Photo frame**: Add a selected frame to your photo.

     – **Photo note**: Add text note(s) to the 'back' of your photo.

   – **Copy to clipboard**: Copy the picture to your device's clipboard memory for pasting into messages, notes, and so on.

   – **Print**: Print the picture to a printer connected to your device over the same Wi-Fi hotspot, using Wi-Fi Direct, or using a USB connection.

   – **Rename**: Change the picture's file name.

   – **Set as**: Assign the picture as a Contact photo, or as wallpaper.

   – **Buddy photo share**: Send the picture to the Contacts whose Contact photos match faces in the picture.

   – **Rotate left** / **Rotate right**: Change the picture's orientation.

   – **Crop**: Change the picture's size and/or remove portions of the picture.

   – **Detect text**: Launches Optical Reader to recognize text in a photo. You can Share the resulting text.

   – **Scan for nearby devices**: Scan for in-range devices that can be connected with and sent the current image.

   – **Details**: View information about the picture.

   – **Settings**: Access Gallery options. (For more information, refer to *"Gallery options"* on page 103.)

Viewing Videos

1. From the Gallery screen, then select an album. A matrix or list of available videos appears.

2. To play a video, touch its thumbnail or list entry.

3. The following options are available:

   • Touch 🖼️ **Gallery** to return to the album view.

   • Touch 🔗 **Share** to send the picture using ChatON, Dropbox, Picasa, Google+, Bluetooth, Wi-Fi Direct, Messaging, YouTube, Gmail, or Email.

   • Touch **Trim** to cut frames from your video.

   • Touch 🗑️ **Delete** to erase the picture or video. sti

   • Touch ☰ **Menu** for the following additional options:

     – **Favorite**: Add your video as a favorite.

     – **Slideshow**: View all of your videos as a slideshow.

     – **Rename**: Change the video's filename.

     – **Scan for nearby devices**: Scan for in-range devices that can be connected with and sent the current image.

     – **Details**: View information about the video.

     – **Settings**: Access Gallery options. (For more information, refer to *"Gallery options"* on page 103.)

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 136.)

Gmail

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

(For more information, see *"Gmail"* on page 84.)

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

Google

Use Google to search the Web.

Tip: The Google Search Widget is available by default on the Home screen. (For more information Widgets, see *"Adding Widgets to the Home screen"* on page 40.)

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1. From the **Apps** screen, touch **Google**.
2. Enter search criteria. Search results display automatically.
3. Touch a search result to display it in a browser window.

Google Settings

■ From the **Apps** screen, touch **Google Settings**.

Group Play

Using Group Play, you can share documents or photos you are viewing, or music you are listening to, with other devices connected to the same Wi-Fi network with your device.

1. From the **Applications** screen, touch **Group Play**. The **Group Play** screen appears.
2. For instructions on using Group Play, touch **Next**.

Help

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

1. From the **Applications** screen, touch ❓ **Help**. The **Help** screen appears.
2. Select a topic from the menu.
3. Read or view the selected topic information.

Internet

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

Tip: Internet appears as a Primary Shortcut on the Home screen. (For more information, refer to *"Primary Shortcuts"* on page 39.)

■ From the Home screen, select 🌐 **Internet**. Your Wireless Provider's mobile home page appears 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 ⬅ **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.

Entering a URL

Access a web site quickly by entering the URL.

   1. Touch the **URL** field at the top of the Internet screen, then enter the URL using the virtual QWERTY keyboard. If the **URL** field is not visible, touch and swipe downward until the **URL** field appears.

   2. As you enter characters, potential matches display. Continue entering characters, or touch a match to complete the URL, then touch **Go** to load the page.

Copying text

Copy information from a web page.

   1. From the Internet screen, browse to the desired web site.

   2. Touch and hold on the text to enable the text selector, then use the on-screen tools.

Browser Options

- From the Internet screen, touch ▭ **Menu** for options:

  • **New window**: Displays a new window so you can browse multiple URLs. (For more information, refer to *"Using Browser Windows"* on page 109.)

  • **Add bookmark**: Lets you add a URL to your bookmark list

  • **Add shortcut**: Lets you add a shortcut to your Home screen.

  • **Save page**: allows you to store the current page in memory so that it can be read later even if you loose your Internet connection.

  • **Share via**: Lets you share the page using Add to Dropbox, Bluetooth, ChatON, Email, Flipboard, Gmail, Google, Google+, Messaging, S Memo, or Wi-Fi Direct.

  • **Find on page**: allows you to search in the current page.

  • **Incognito mode**: Blocks your web browsing and searches from being saved in History, and blocks web pages from downloading traces to your browser, such as cookies.

  • **Saved pages**: Contains web pages you have saved using the Save page option.

  • **History**: Displays your browsing history.

  • **Desktop view**: When enabled, displays the current page in the desktop view (that is, to closely mimic the display as it would appear on a desktop computer).

  • **Brightness**: Lets you manually adjust screen brightness or select Automatic screen brightness.

  • **Print**: Lets you print the screen or web page on a Samsung printer using Wi-Fi.

  • **Settings**: Lets you tailor the Internet browser to suit yourself.

  • **Help**: Lets you view additional information concerning the Internet application.

Using Browser Windows

You can have multiple windows open at one time, and you can switch between windows.

- To open a new window, on the Internet screen, touch ▭ **Windows** ➔ 🔵 **New window**.

- To switch to another open window, touch ▭ **Windows**. Touch and swipe to the desired window thumbnail, then touch it to display the window.

- To close a window, touch ▭ **Windows**. Touch ⊖ **Close** beside a window to close it.

Going Incognito

The Incognito feature lets you view Internet sites without leaving records in your browser history or search history, and without traces (such as cookies) being stored on your device.

Note: Any downloaded files will be preserved and will stay on your device after you exit the incognito mode.

To add an Incognito window:

   1. From your browser window, touch ▤ **Menu** ➔ **Incognito mode**.

   2. A new Incognito window appears.

   3. Browse to the desired web site(s).

To exit from the incognito window:

   1. From your browser window, touch ▣ **Windows**.

   2. Scroll through the available windows and locate the Incognito window.

   Note: The Incognito icon 🔒 appears in the upper-left of the Incognito window.

   3. Touch ⊖ beside the Incognito window to delete it.

Using Bookmarks

While browsing, bookmark a site to quickly access it later.

Creating a bookmark

   1. From the Internet screen, browse to the desired web site, then touch ★ **Bookmarks** ➔ ➕ **Add bookmark**. The **Add bookmark** screen appears.

   2. Edit the **Title** of the new bookmark as needed, then select the account where you want it saved.

   3. Touch **Save** to save the new bookmark.

Accessing bookmarks and history

Launch a bookmarked page, or reload recent pages.

1. From the Internet screen, touch ⭐ **Bookmarks**.

2. On the tabs, use these options:
   - Touch an item to load the page.
   - Touch and hold on an item for options.
   - Touch 🔳 **Menu** for more options.

Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.

2. Touch **Delete bookmark**.

3. In the **Delete** confirmation pop-up, touch **OK**.

Local

Find places of interest near your current location or a specified locations.

Note: To use Local, enable location services. (For more information, refer to *"Location services"* on page 190.)

1. From the **Apps** screen, touch 📍 **Local**.

2. For more information, touch 🔳 **Menu** ➔ **Help**.

Maps

Use Google Maps to find your current location, get directions, and other location-based information. The Google Maps shortcut appears 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 services"* on page 190.

1. From the **Apps** screen, touch 🗺️ **Maps**.

2. For more information, touch 🔳 **Menu** ➔ **Help**.

Messaging

Messaging lets you exchange text and multimedia messages with compatible device users. (For more information, refer to *"Messaging"* on page 78.)

■ From a Home screen, touch the ☒ **Messaging** shortcut.

   – or –

From the **Apps** screen, touch ☒ **Messaging**.

Music

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

Playing Music

1. From the **Apps** screen, touch ◉ **Music**.

2. Touch a library category tab at the top of the screen (**Songs**, **Playlists**, **Albums**, **Artists**, **Music square**, or **Folders**) to view the available music files.

3. Scroll through the list of songs and touch an entry to begin playback.

   To launch the full music player screen, touch 🎵 or an album cover image.

   The following Music controls are available:

   ⊡ Group play. (For more information, refer to *"Group Play"* on page 106.)

   ◄ϑ Volume control.

   ⤬ Shuffle Off: Songs are not shuffled but play in listed order.

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Icon	Description
⤨	Shuffle On: The current list of songs is randomly shuffled for playback.
★	Mark this song as one of your Favorites.
❚❚	Pause the song.
A	Play All: Plays the current song list once.
⟳	Repeat one: Repeats the song currently playing.
⌄	Close: Returns to Music List screen.
⟲	Repeat all: Replays the current list when the list ends.
⏮	Press and hold to rewind the song. Touch to go to previous song.
▶	Start the song after being paused.
⏭	Press and hold to fast-forward the song. Touch to go to next song.
🎵	Music list: Returns you to the current playlist.

Tip: When you're playing music in the background, playback controls are available on Notifications. (For more information, see *"Notifications panel"* on page 33.)

Music square

Music square analyzes your music files (a minimum of 25 files) and assigns them to playlists linked to buttons in a 5x5 matrix according to the following criteria:

• **Moods** (Exciting, Passionate, Joyful, Calm)

• **Years** (Exciting, Old, New, and Calm)

1. From the **Apps** screen, touch 🅟 **Music**.

2. Touch the **Music square** tab.

3. Touch 🔲 ➔ **Library update**.

4. Select a playlist based on mood or age of the song.

Music Options

To access additional options, follow these steps:

■ While in the Music player screen, touch ▭ **Menu**. The follow options are available:

   • **Via Bluetooth**: Scans for devices and pairs with a Bluetooth headset.

   • **Share muisc**: Share your music with other devices using Group Play.

   • **Add to playlist:** Add the current music file to a selected playlist.

   • **Set as:** Choose whether to play music file From the beginning or choose Auto recommendations to play the best part. Set a music file as the Phone ringtone, as a Caller ringtone, or as the Alarm tone.

   • **Show Music view**: Add a volume trace to the player screen.

   • **Scan for nearby devices**: Search for nearby Wi-Fi devices for sharing your music (available when Wi-Fi is turned On). (For more information, refer to *"Turning Wi-Fi On"* on page 127.)

   • **Settings**: Change your Music Player settings. For more information, refer to *"Music app Settings"* on page 115.

   • **Details**: View media information such as Artist, Title, Biography, and so on.

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Music Square Options

To access additional options, follow these steps:

■ From the Music square screen, touch ▭ **Menu**. The follow options are available:

   • **Help**: Adds the current music file to the Quick list.

   • **Library update**: Analyzes your music files and assigns them to playlists linked to playlist selection buttons.

   • **Change horizontal axis**: Select Mood or Years.

   • **Scan for nearby devices**: Search for nearby Wi-Fi devices for sharing your music (available when Wi-Fi is turned On). (For more information, refer to *"Turning Wi-Fi On"* on page 127.)

   • **Settings**: Change your Music Player settings.(For more information, refer to *"Music app Settings"* on page 115.)

   • **End**: Close the Music app.

• **End**: Close the Music app.

Music app Settings

The Music app 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.

■ While in the Music app, touch ▤ **Menu** ➔ **Settings**. The follow settings are available:

- **SoundAlive**: Set a type of equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, and so on.
- **Adapt Sound**: Set to On to adapt sound to headphones.
- **Play speed**: Set the play speed anywhere between 0.5X and 2.0X using the slider.
- **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.
- **Music auto off**: When activated, music will automatically turn off after a set interval.
- **Lyrics**: When activated, the lyrics of the song are displayed if available.
- **Smart volume**: Keeps volume at the same level.

- **Voice control**: Use voice commands to control music player.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music 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 the **Apps** screen, touch 🎵 **Music**.
2. Touch the **Playlists** tab.
3. Touch ▤ **Menu** ➔ **Create playlist**.
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 the **Apps** screen, touch 🎵 **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to add music.
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 the **Apps** screen, touch 🅑 **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to delete music.
4. Touch ☰ **Menu** ➔ **Remove**.
5. Touch the check box to the left of each track you want to remove from this playlist, or touch **Select all** to remove all the music tracks from this playlist, then 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 the **Apps** screen, touch 🅑 **Music**.
2. Touch **Playlists**.
3. Touch ☰ **Menu** ➔ **Edit title**, then touch the playlist you want to rename.
4. In the **Edit title** window, enter a new name for the playlist, then touch **OK**.

For information on downloading music for your phone, see *"Transferring Data"* on page 131.

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 the **Apps** screen, touch 🅑 **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.

My Files

Find, view and manage files stored on an installed memory card. If the file is associated with an application on your 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:
   - Touch 🏠 **Home** to go back to the root directory.
   - Touch ⬆ **Up** to go back up to a higher directory.
   - Touch 🔲 **Menu** for options.

Navigation

Use Google Maps Navigation to search for locations, and get turn-by-turn directions.

Note: You must enable location services to use Navigation, and some features require Standalone or Google location services. (For more information, see *"Location services"* on page 190.)

■ From the **Apps** screen, touch ▲ **Navigation**.

Optical Reader

Use Optical Reader to scan printed text into a Note.

■ From the **Apps** screen, touch 📷 **Optical Reader**.

Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites. (For more information, refer to *"Calling"* on page 66.)

■ From a Home screen, touch the 📞 **Phone** shortcut.

   – or –

   From the **Apps** screen, touch 📞 **Phone**.

Play Books

Google Books is now Google Play™ Books. Discovering your favorite books and authors has never been easier. With Google Play Books, you can shop the world's largest selection of ebooks and read them anywhere you like - on a tablet, phone, ereader, or the Web.

■ From the **Apps** screen, touch ![icon] **Play Books**.

(For more information, touch ▤ **Menu → Help**.)

Play Magazines

With Google Play Magazines, you can subscribe to your favorite magazines and have them available to read on your phone at any time or any place.

■ From the **Apps** screen, touch ![icon] **Play Magazines**.

(For more information, touch ▤ **Menu → Help**.)

Play Movies & TV

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

1. From the **Apps** screen, touch ![icon] **Play Movies & TV**.
2. Log on to your Google account if you have not already done so.
3. Following the on-screen instructions for renting and viewing movies.

(For more information, touch ▤ **Menu → Help**.)

Play Music

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

1. From the **Apps** screen, touch ![icon] **Play Music**.
2. Follow the on-screen instructions to locate and play music.

(For more information, touch ▤ **Menu → Help**.)

Play Store

Android Market is now Google Play™ Store, where all your favorite books, movies, apps, and games are all in one place that's accessible from the Web and your Android device. You'll need to have a Google account set up on your phone to download a new application.

1. From the **Apps** screen, touch **Play Store**.
2. The first time you open Play Store, read the Terms of Service, then touch **Accept** to continue.
3. Browse for applications to download, then follow the prompts.

 (For more information, touch ▤ **Menu → Help**.)

S Memo

The S Memo application allows you to create memos using the keypad, your finger, or both. You can add images, handwriting, voice recordings, and typewritten text all in one place.

■ From the **Apps** screen, touch **S Memo**.
 (For more information, touch ▤ **Menu → Help**.)

S Translator

Use S Translator to translate text speech composed of any of 9 written or spoken languages to or from UK English or US English.

■ From the **Apps** screen, touch **S Translator**.
 (For more information, touch ▤ **Menu → Help**.)

S Voice

S Voice provides plain language voice recognition control of various features and applications on your phone.

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 Vlingo Terms of Service then touch **Agree** to continue.
4. Read the information on the **About S Voice** screen, then touch **Next**.
5. Read the information on the **Say what you want** screen, then touch **Next**.