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SM-N900V “H”

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.**

The Samsung logo, consisting of the word "SAMSUNG" in white, bold, sans-serif capital letters, centered within a blue oval background.

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Section 1: Getting Started

Understanding this User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 263.

Also included is important safety information beginning on page 226, that you should know before using your device.

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 device. For more information, see *“Securing Your Device”* on page 15.

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

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

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

Special Text

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 or menu.
- **Tips:** Provides quick or innovative methods, or useful shortcuts.
- **Important:** Points out important information about the current feature that could affect performance.
- **Warning:** Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your device.

Text Conventions

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

- Arrows are used to represent the sequence of selecting successive options in procedures. For example:

"From the Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**."



Many settings use an On/Off switch. Touch the On/Off switch to turn a setting On or Off. This graphic is used to represent the On/Off switch.

Setting Up Your device

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

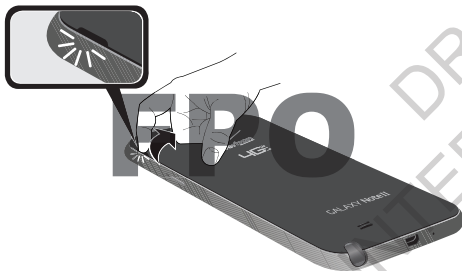
Back Cover

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

Installing the battery cover

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

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



Removing the battery cover

- Pull up using the slot provided, while lifting the cover off the device.

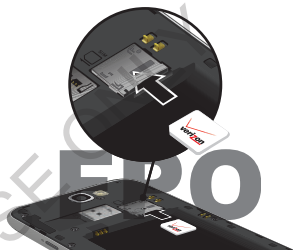
SIM Card

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

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

<http://www.verizonwireless.com/4GSIM>.

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



Installing the 4G LTE SIM Card

1. Remove the back cover.
2. With the Verizon Wireless logo facing up, carefully insert the 4G LTE SIM Card into the slot, pressing gently until it locks into place.
3. Install the back cover.

Removing the 4G LTE SIM Card

1. Turn off the device, then remove the back cover.
2. Press the 4G LTE SIM Card in gently to release the lock, then carefully slide the 4G LTE SIM Card out of the slot.
3. Install the back cover.

Battery

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

The battery comes partially charged. You must fully charge the battery before using your device for the first time. A fully discharged battery requires up to 4 hours of charge time. After the first charge, you can use the device 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.

Battery Indicator

The battery icon  in the Status Bar shows battery power level. Before the battery becomes too low to operate, the battery icon flashes and a tone plays. If you continue using the device without charging, the device will power off.

Tip: Task Manager provides helpful information about extending battery life. For more information, see “*Task Manager*” on page 13.

Installing and Removing the Battery



Installing the battery

1. Remove the battery cover.
2. Insert the battery into the device, aligning the gold contacts on the battery with the gold contacts in the device.
3. Replace the battery cover.

Removing the Battery

1. Remove the battery cover.
2. Lift the battery up and out of the device, using the slot provided.
3. Replace the battery cover.

Charging the Battery

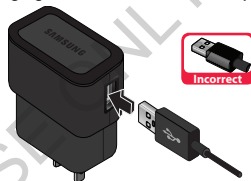
Your device comes with a Wall/USB Charger (charging head and USB cable) to charge your device from any 110/220 VAC outlet.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time. A fully discharged battery requires up to 4 hours of charge time. After the first charge, you can use the device while charging.

1. Insert the USB cable into the port.



2. Connect the USB cable to the charging head, then plug the charging head into a standard AC power outlet.



3. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the device.

Turning the Device On and Off

Turning the Device On

- Press and hold the  **Power/Lock Key** until the device vibrates and starts up.

Turning the Device Off

1. Press and hold the  **Power/Lock Key** until the device vibrates and the Device Options menu displays.
2. At the prompt, tap **Power off**.

Your Google Account

Your new device uses your Google account to fully utilize its Android features, including Gmail, Google Talk and the Play Store. When you turn on your device for the first time, set up a connection with your existing Google account, or create a new Google account.

To create a Google account, or set up your Google account on your device, use Accounts and sync settings (see “Accounts” on page 212).

Your Samsung Account

Create a Samsung account, for access to Samsung apps on your device, including Media Hub, Music Hub, and AllShare Play. For more information, see “Accounts” on page 212.

Setup Wizard

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

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

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

- From any unlocked screen, press the  **Home Key**, then touch  **Apps** →  **Setup Wizard**.

Help

Get information about using your device, including videos, useful tips, and other information.

- From any unlocked screen, press the  **Home Key**, then touch  **Apps** →  **Help**.

Your Phone Number

- From any unlocked screen, press the  **Home Key**, then touch  **Apps** →  **Settings** → **About phone** → **Status**.

Voice Mail

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

For more information, see “*Voicemail*” on page 78.

TTY Mode

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

For more information about enabling TTY mode, see “*Call Settings*” on page 62.

Roaming

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

Tip: You can set your device's roaming behavior. For more information, see *"Mobile networks"* on page 177.

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

Task Manager

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

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

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

Memory Card

Your device supports optional, removable, microSD™ or microSDHC™ memory cards of up to 64GB capacity (not included), for storage of music, pictures, and other files.

For more information about using memory cards, see “Memory Card” on page 169.



Installing a Memory Card

1. Remove the back cover.
2. With the gold contacts facing down, slide the memory card into the slot, pushing gently until it locks into place.
3. Install the back cover.

Removing a Memory Card

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

1. From any unlocked screen, press the  **Home Key**, then touch  **Menu** → **Settings** → **Storage** → **Unmount SD card**.
2. At the prompt, read the warning and select **OK** to continue. Wait for **SD card safe to remove** to appear in the Status bar and Notifications.
3. Remove the back cover.
4. Gently press on the memory card to release the lock, then carefully pull the card out.
5. Install the back cover.

Securing Your Device

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

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

To set a personal screen lock, use the Screen lock option under Security settings. For more information, see “Screen lock” on page 196.

For other settings related to securing your device, see “Security” on page 201.

Locking the Device

- By default, the device locks automatically when the screen times out.
 - or –
 - Press the  **Power/Lock Key**.
-

Tip: When the device is locked, the Emergency call feature is available on the lock screen, to allow you to make emergency calls even while the device is locked.

Unlocking the Device

Unlock the device using one of the default unlock screens, or use Screen lock options for increased security.

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

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

Section 2: Understanding Your Device

Features

- Touch screen with virtual (on-screen) QWERTY keyboard
- Brilliant 4.99XX??” HD Super AMOLED® screen (1920 x 1080)
- 1.9XX?? gigahertz quad-core processor
- Delivering data speeds faster than the current 3G network technology by using 4G LTE and High Speed Packet Access Plus (HSPA+).
- Android 4.3, Jelly Bean Platform
- USB 3.0 connector for fast transfer speeds
- Smart Switch™ compliant. For more information, see www.samsungsmartswitch.com
- Support for Air View® and Air Gestures®.
- S Pen functionality
- Wi-Fi® Capability
- WatchON® – Rich TV experience with Infrared (IR) remote
- Apps available to download from the Google Play™ Store and Samsung Apps
- Access Movies, TV Shows, Music, Games, and Books with Samsung Hub™
- Samsung Link™ to share your media content across connected devices. Cloud connectivity is achieved using an external Web storage service
- Compliant with AllShare Cast Hub®
- 13 Megapixel Camera and Camcorder with autofocus and digital zoom XX??
- 2 Megapixel Front Facing camera for Video Chat XX??
- Share Shot picture sharing functionality, Camera sharing over multi-connect Wi-Fi Direct connection
- S-Beam file transfer technology
- Bluetooth enabled
- NFC-compatible
- Full Integration of Google Mobile™ Services (Gmail, YouTube, Google Maps, Google Voice Search)
- Multiple Messaging Options: Text/Picture/Video Messaging and Google Hangouts™
- Corporate and Personal Email
- Music Player with multitasking features

- Pre-loaded e-reader applications such as: Play Books™ and Play Magazines™
- Assisted GPS (Google Navigation)
- Webkit-based browser
- Expandable memory slot - supports up to 64GB microSD
- Mobile HotSpot and USB Tethering-capability
- Video Chat using Google Hangouts
- Google Play™ Music
- Wi-Fi® Calling using a micro SIM card
- HD Video Player 1080p
 - Codec: MPEG4, H.264, H.263, VC-1, WMV7/8, VP8, MP43
 - Format: 3GP (MP4), WMV (ASF), and AVI
- Video Player support for PIP (Picture in Picture) viewing

Front

FPO

1. **Indicator light** illuminates with a series of distinct colors and flashing patterns to indicate different notifications and statuses. Events include Charging, Low battery, and Missed event:
 - Powering on - **blue** blinks/animates
 - Battery Charging - **red** remains on
 - Battery Fully Charged - **green** remains on.
 - Low Battery or Charging Error- **red** blinks/animates
 - Missed Notification (Call or Messaging) - **blue** blinks/animatesFor more information, refer to “*LED Indicator*” on page 187.

2. **Light (RGB) Sensor** lets you use the ambient light level to adjust the screen brightness/contrast. This sensor decreases screen brightness in dim light.
 - In a bright light condition (outdoors), the sensors cause the device to increase the brightness and contrast for better viewing.
 - In dim light conditions, the device decreases the screen brightness to compensate.
3. **Menu key** displays a list of options available for the current screen. From the Home screen it displays Add apps and widgets, Create folder, Set wallpaper, Edit page, Search, and Settings options.
4. **Home key** displays the Home screen when pressed. Press and hold to display your recent apps, Task manager, and Remove all option. Double-press to activate S Voice.
5. **Microphones** are used during phone calls and allow other callers to hear you clearly when you are speaking to them. There are two microphones on the device:
 - Bottom microphone: used during handset mode.

- Top microphone: used while an active call is in the speakerphone mode and assists in noise cancellation (2 microphone solution).
6. **USB Power/Accessory connector** allows you to connect a power cable or optional accessories such as a USB/data cable.
 7. **Back key** redisplay the previous screen or clears entries.
 8. **S Pen** provides a stylus that assists you in performing different functions.
 9. **Display** shows all the information needed to operate your phone, such as the connection status, received signal strength, phone battery level, and time.
 10. **Front Facing Camera** allows you to take pictures while facing the screen and allows you to video conference.
 11. **Gestures Sensor** used to detect Air View and Air Gesture motions.
 12. **Proximity Sensor** detects how close an object is to the surface of the screen. This is typically used to detect when your face is pressed up against the screen, such as during a phone call.

- While talking on the phone, the sensor detects talk activity and locks the keypad to prevent accidental key presses.

13. Receiver allows you to hear the other caller.

Side

FPO

- **Volume:** From the Home screen, press to adjust master volume. During calls or media playback, press to adjust volume. Press to mute the ringtone of an incoming call.
- **Power/Lock:** Press and hold to turn the device on or off, and to access a device options menu. Press to lock the device, or to wake the screen for unlocking.

Back

FPO

1. **Flash** is used to take photos in low-light conditions.
2. **External speaker** allows you to hear ringers, music, and other sounds offered by your device.
3. **micro SIM Card Slot** (internal) Installation location for SIM card.
4. **microSD Card Slot** (internal) allows you use a microSD card to expand the memory of your device.

S Pen

Create and collaborate with S Pen.

FPO

Removing S Pen

S Pen stores inside your device, for convenient access.

- Slide S Pen from your device using the notch on the end of the S Pen.

S Pen Settings

Configure S Pen settings, including options for sounds and for tracking S Pen when it's not stored in your device.

For more information about S Pen, and to configure settings, touch  **Apps** →  **Settings** → **S Pen**, or see “S Pen” on page 215.

Easy Clip

Instantly outline and crop images on the screen, in any shape, to share or paste. You can edit the cropped content, or personalize it with your own handwriting.

To use Easy Clip:

1. Press and hold the S Pen button, then draw around the image you want to clip, making sure to close the shape.
2. Tap the app you want to paste the image into, or if you do nothing, the image is pasted to Clipboard.

Air View

Hover S Pen over the screen to preview content, or view information about an item on the screen. For example:

- Hover over an email in a list to preview the message before opening it.
- Hover over a photo album to preview the contents, or see a picture enlarged.
- Hover over the timeline during video playback to preview and navigate to specific scenes.
- In S Planner, hover over dates and events to see details
- Hover over an icon or screen button to view the item's title

For more information about Air View, and to configure settings, touch  **Apps** →  **Settings** → **S Pen** → **Air View**, or see “Air view” on page 216.

Quick Command

Multitask like never before. Launch Quick Command pad from any screen, to hand-write tasks. Use S Pen to draw a Quick Command to launch a feature, or draw a Quick Command followed by a keyword to personalize the command. For example, draw a question mark “?” to search the Internet, or draw a question mark followed by a search term to search on the term.

For more information about Quick Command, and to configure settings, touch  **Apps** →  **Settings** → **S Pen** → **Quick Command settings**, or see “Quick Command settings” on page 216.

To launch Quick Command:

- Press and hold the S Pen button and swipe upwards on the screen.

Idea Sketch

Express your ideas with an image. Add illustrations by hand-writing keywords on the Idea Sketch pad.

To use Idea Sketch:

1. From the Home screen, touch  **Apps** →  **S Note**.
2. From the toolbar, select the **Insert** tool, then choose **Idea Sketch** from the menu.
3. Write a search term for something you want to draw or insert into your S Note. Or, select **List** and choose a category.
4. S Note displays images matching your search term. Select an image to insert it into your S Note. You can edit the image, or draw on it, and changes are saved in the note.

Photo Notes

Hand-write a note on the back of pictures to add detail to your memories.

To add a Photo Note:

1. From the Home screen, touch  **Apps** →  **Gallery**.
2. Select a picture, then select **Menu** → **Draw on image**.
3. Use S Pen to write a note on the back of the picture, then select **Done** to save the note with the picture.

Note: Photo notes are saved with the picture on your device, but are not transferred when you share the picture.

Popup Note

Multitask with Popup Note - open an S Note instantly in a popup window to jot down a quick note during a meeting, or write down information from another area of the screen.

To use Popup Note:

1. From any screen, press and hold the S Pen button and double-tap on the screen.
2. Use S Pen to write your note, then save it for later. You can move the popup window around the screen.

Popup Video

Multitask with Popup Video - transform your video player into a popup window floating on the screen. The video will continue to play, and the popup window can be resized or moved anywhere on the screen.

To use Popup Video:

- While watching a video, touch the  **Popup Video** icon in the lower right corner of the screen.

Popup Browser

Multitask with Popup Browser - Launch a new, floating browser window by selecting a web link from any application.

To launch Popup Browser:

- In any app, touch a web link, then choose **Popup Browser** from the menu.

Other S Pen gestures

You can perform other functions with S Pen, for example:

- **Go back:** Press and hold the S Pen button, then draw  on the screen.
- **Open menu:** Press and hold the S Pen button, then draw  on the screen.
- **Screen capture:** Press and hold the S Pen button, then touch and hold S Pen on the screen.
- **Select text:** Press and hold the S Pen button, then touch and drag S Pen over the text to select

Home Screen

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



- **Status Bar:** Presents icons to show network status, battery power, and connection details. For a list of icons, see “*Status Bar*” on page 34.
- **Shortcuts:** Shortcuts to 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 37.
- **Widgets:** Apps that run on the Home screen. These widgets are found on the Home screen by default, and you can add your favorites. For more information, see “*Widgets*” on page 37.

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

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

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 App Shortcuts:** For more information, see “Shortcuts” on page 37.
- **Add Widgets:** For more information, see “Widgets” on page 37.
- **Add Folders:** For more information, see “Folders” on page 38.
- **Change the Wallpaper:** For more information, see “Wallpaper” on page 38.
- **Display settings:** For more information, see “Display” on page 187.

Adding and removing Home screen panels

Your device comes with 6 Home screen panels. You can customize the Home screen to include up to the seven default panels.

1. From the Home screen, touch  **Menu** → **Edit page**.
2. Slide your finger across the screen to scroll the panels, and 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 seven.



Set as Home: The panel set as Home will display when you press the  **Home Key**.

Tip: You can also “pinch” the Home screen to display Edit page options. For more information, refer to “Pinch” on page 28.

Navigation

Navigate your device'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 250.

Context-sensitive Menus

While using your device, context-sensitive menus offer options for the feature or screen.

To access context-sensitive menus:

- Touch  **Menu**.
- Touch and hold on an item.

Finger Gestures

Touch

Touch items to select or launch them. For example:

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

Touch and Hold

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

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

Swipe

Swipe your finger 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.

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.

Hand Gestures

Your device recognizes motion, to allow you to navigate and access features by moving the device in specific gestures.

To use gestures, enable the Motion settings. For more information, see “*Motion*” on page 213.

Pick Up or Turn Over

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

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

Tap to top

Tap on the top of the device twice, quickly.

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

Tilt

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

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

Pan

Touch and hold on the screen, then move the device in a side-to-side motion.

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

Shake

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

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

Palm

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

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

Multi Window

Multi Window allows you to use multiple apps on the same screen, in multiple, resizable windows.

Enabling Multi Window

Enable Multi window on the Notifications screen.

1. Sweep your finger down from the top of the screen to display Notifications.
2. Scroll the settings at the top of Notifications, then touch **Multi window** to enable it.

Displaying Multi Window

When Multi window is enabled, the tab appears on the left side of the screen by default. You can show or hide the tab.

- Touch and hold the  **Back Key**.

Moving the Multi Window Tab

When Multi window is enabled, its tab displays on the edge of the screen where it's docked. You can move the Multi window tab up or down on the edge of the screen.

- Touch and hold on the tab, then drag it up or down along the edge of the screen.

Moving Multi Window

By default, Multi window is docked on the left side of the screen. You can dock the Multi window at any edge of the screen (top, bottom, or either side).

- Touch the tab to open Multi Window (the tab turns gray), then drag Multi Window to another edge of the screen.

Using Multi Window to Run Multiple Apps

You can launch apps from Multi window, or drag an app to the screen to run multiple apps at the same time.

The apps display together on a split screen. You can switch between the apps, or adjust the size of their display on the screen.

Launching multiple apps

When you drag an app from Multi Window on top of an open app, both apps display in a split window.

1. While using one app, touch the tab to display Multi Window, then touch and drag an app to the screen.
2. As you drag the app over the screen, a blue screen displays. Release the app when the blue screen displays where you want to place the app.

Adjusting the size of app windows

You can adjust the size of the two apps on the screen.

Touch and drag the border between the windows.

Switching Multi window positions and making an app full screen

You can switch the position of the app windows from top to bottom.

- Touch the border between the windows, then touch  **Switch**.

Making an app full screen

You can change from the split window display to full screen.

- Touch the border between the windows, then touch  **Full screen**.

Notifications

Notifications shows information about connections, alerts and other items.

1. Touch and drag downward from the top of the screen to display notifications.
2. Touch an item to open the item, or to launch the related app or feature.

World Clock

While displaying Notifications, touch the time in the Status bar to display a World clock. Add cities to the clock to display the time in different zones around the world.

Clearing Notifications

1. Sweep your finger downward from the top of the screen to display Notifications.
2. Touch a notification to clear it, or touch **Clear** to clear all notifications.

Settings

Use settings at the top of Notifications to control popular settings. Slide your finger right and left to see all the icons.

- **Bluetooth:** Turn Bluetooth On or Off. See *“Bluetooth”* on page 163
- **GPS:** Turn Standalone GPS services on or off. See *“Standalone GPS services”* on page 195
- **Sound:** Switch between your sound settings, Mute (all sounds silenced) and Vibrate (all sounds replaced by vibration).
- **Mobile data:** Activate or deactivate your device's access to mobile data service. See *“Mobile networks”* on page 177
- **Screen rotation:** Enable or disable the Auto rotation setting, to control whether the screen automatically updates when you rotate the device. See *“Auto-rotate screen”* on page 189
- **Airplane mode:** Turn Airplane mode On or Off. See *“Airplane mode”* on page 171
- **Power saving:** Enable or disable Power saving mode. See *“Power saving mode”* on page 192
- **Driving mode:** Enable or disable Driving mode, to have incoming caller ID and text messages read out. See *“Text-to-speech output”* on page 210

- **AllShare Cast:** Enable or disable AllShare Cast, for easy sharing with other devices.
- **Multi window:** Enable or disable the multi window feature. When enabled, touching and holding on the Back Key activates the multi window feature on the screen. Multi window gives you quick access to apps from a window on the right side of the screen, and you can drag an app from the multi window to run multiple apps on the same screen.

LED Indicator

The LED indicator, on the front of the device above the screen (see “Front” on page 17) animates or glows to show alerts or device status.

- | | |
|-------|---|
| Blue | <ul style="list-style-type: none">• Pulses in multi-color blue while the device is turning On or Off.• Blinks blue for a missed call, message or other notification. |
| Red | <ul style="list-style-type: none">• Glows red when the device is connected to a charger and charging.• Blinks red when the device is connected to a charger and there is a problem with charging.• Blinks red when battery power is low (device not connected to charger) |
| Green | <ul style="list-style-type: none">• Glows green when the device is connected to a charger and the battery is fully charged. |

Status Bar

The Status Bar shows network and battery status and other details, including these common icons.

Airplane Mode Active: All wireless communications are disabled. See “*Airplane mode*” on page 171

USB Connected: The device is connected to a computer using a USB cable. For more information about transferring data between your device and a computer, see “*Transferring Data*” on page 168.

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 E911 Only: E911 location is active (cannot be turned off). See “*E911*” on page 194

GPS Location Active: One or more GPS location services are active. See “*Location services*” on page 194

Missing SIM: No SIM is installed.

No Network: No wireless network is available.

3G connection: device is active on a 3G system. The arrows are colored when data is being transferred.

4G LTE Connection: device is active on a 4G LTE system. The arrows are colored when data is being transferred.

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

Signal Strength Roaming, Open: Current signal strength, when the device is roaming. The greater the number of bars, the stronger the signal.

Signal Strength Roaming, CDMA: Current signal strength, when the device is roaming on CDMA networks. The greater the number of bars, the stronger the signal.

Wi-Fi Active: Wi-Fi is active, and connected to a Wi-Fi network. The greater the number of rays, the stronger the signal. The arrows are colored when data is being transferred. For more information about configuring Wi-Fi, see “*Wi-Fi*” on page 158.

Wi-Fi Action Needed: Action needed to connect to Wi-Fi network. For more information about configuring Wi-Fi, see “*Wi-Fi*” on page 158.

New Message: You have new message(s).

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

New Email Message: You have new email.

Download Successful: A file was downloaded successfully.

Update Available: An update is available for an installed app.

Update Successful: An update was installed for an app.

Alarm: An alarm is set.

Silent mode: All sounds except media and alarms are silenced, and Vibrate is not active.

Vibrate: Vibrate Silent mode is active.

Music Playing: Music is playing, but the app is in the background. You can control playback from Notifications, or from Music player.

Music Paused: Music playback is paused. You can control playback from Notifications, or from Music player.

SD Card Ready: A memory card scan is underway, to prepare the card for use. For more information about using memory cards, see “*Memory Card*” on page 169.

SD Card Safe to Remove: A memory card was unmounted, and it is safe to uninstall it. For more information about using memory cards, see “*Memory Card*” on page 169.

SD Card Removed: A memory card was uninstalled. For more information about using memory cards, see “*Memory Card*” on page 169.

Bluetooth Active: Bluetooth is turned on. For more information, see “*Turning Bluetooth On or Off*” on page 163.



Bluetooth Paired: Your device is paired with another Bluetooth device. For more information, see “*Pairing with a Bluetooth Device*” on page 163.

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.

Widgets

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

Adding Widgets to the Home screen

Adding widgets from the Home screen

1. Navigate to a Home screen panel, then touch and hold on the screen to display the **Home screen** menu.
2. Touch **Apps and widgets**.
3. Touch the **Widgets** tab, then touch and hold and drag it to the Home screen.

Adding Shortcuts from Widgets

1. Navigate 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.

Shortcuts

Use App shortcuts for quick access to applications from the Home screen. Your device 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. Navigate to a Home screen panel, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Apps and widgets**.
3. Touch and hold an app to add it to the Home screen.

Adding Shortcuts from Apps

1. Navigate to a Home screen panel.
2. Touch  **Apps**.
3. Touch and hold an app to add it to the Home screen.

Removing Shortcuts

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

Folders

Place folders on the Home screen to organize items.

Adding Folders

1. Navigate to a Home screen panel, then touch and hold on the screen to display the **Home screen** menu
2. Touch **Folder**. The folder displays 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.

Wallpaper

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

1. From the Home screen, touch and hold on the screen to display the **Home screen** menu, then select **Set wallpaper**.
2. Choose **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Choose a source:
 - **Gallery**: Choose a picture stored on your device 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 set the picture as wallpaper.
 - **Live wallpapers**: Choose from pre-loaded interactive moving wallpapers. Touch a wallpaper, then touch **Set wallpaper**.
 - **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 187.

Apps

Apps holds all applications installed on your device. Applications that you download and install are also added to Apps.

The Apps screen is like the Home screen, it consists of panels that extend beyond the display width to provide more space. 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.

For more information about applications, see *“Applications”* on page 80.

You can place shortcuts to apps on the Home screen, for quick access to the app. For more information, see *“Adding Shortcuts from Apps”* on page 37.

1. From the Home screen, touch  **Apps**.
2. Slide your finger left or right to scroll the Apps screens.
3. Touch an icon to launch the application.

Entering Text

Your device uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

You can also use voice input to speak your inputs.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen orientation updates to display the keyboard at the bottom of the screen.

Text Input Methods

Your device offers three text input methods: Google voice typing, Samsung keyboard, and Swype.

You can set a default text entry method in Settings. For more information, see *“Keyboards and input methods”* on page 205.

To choose a text input method at any time:

- While entering text, touch and drag downward from the top of the screen to display Notifications, then touch **Choose input method**.

Using Samsung Keyboard

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

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and displays them. Select a word from the display to insert it into your text.

Configuring Samsung keyboard

Configure the Samsung keyboard to your preferences.

- For more information, see “*Samsung keyboard*” on page 206.
- While entering text, touch , then select  from the pop-up menu.

Entering Upper and Lower Case Letters

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

- Touch once to switch from abc to Abc mode
- Touch and hold to switch to ABC mode

Entering Symbols and Numbers

To enter common symbols, touch  to switch to symbol mode, then touch the corresponding key.

To enter less-common symbols, touch  → , then touch the corresponding key.

To enter numbers, touch , then touch the number keys.

Using Google Voice Typing from the Samsung keyboard

When you enable the Voice input setting for Samsung keyboard, you can access Google Voice Typing from the Samsung keyboard.

For more information about enabling Voice input, see “*Samsung keyboard*” on page 206.

- Touch , then speak your input.

Using Predictive text

When using Predictive text, you can have next-letter prediction and regional error correction, which compensates for pressing the wrong keys on the QWERTY keyboard.

- While entering characters, potential word matches display in the Predictive text area above the keyboard. Touch a word to insert it into your text.

Using Google Voice Typing

Use your voice to enter text using the Google Voice typing feature.

1. While entering text, touch and drag downward from the top of the screen to display Notifications, then touch **Select input method → Google voice typing**.
2. At the **Listening** prompt, speak your text. As you speak, the text is displayed in the text field.

Entering Text using Swype

Swype is a new way to enter text on touch screens. Instead of touching each key individually, use your finger to trace over the letters of a word. For each word, place your finger on the first letter and glide to the subsequent letters, lifting on the last letter.

Swype Help

While entering text, you can get information about Swype.

- Touch and hold  **Swype** to access Settings, for the **How to Swype** tutorial.

Configuring Swype

Configure Swype options in the Language and input settings.

- While entering text, touch and hold  **Swype**.
- For more information about Swype settings, see “Swype” on page 208.

Using the Numeric Keyboard

Switch to a Numeric Keyboard, to quickly enter numbers and mathematical operators.

- Touch .

Entering Symbols and Numbers

Using the Swype Keyboard:

- Touch and hold on a key to enter the character at the top of the key.
- Touch and hold on a key until a menu of all characters available on that key appears, then touch a character to enter it.
- Touch  to switch to Symbol mode, then touch a key.

Editing Keyboard

The Editing Keyboard provides a quick way to move the cursor and highlight text. If the application in which you are working supports editing, you can cut, copy or paste highlighted text.

- Swype from  **Swype** to .

Using Swype Voice Input

Enter text by speaking. Swype recognizes your speech and enters text for you.

- Touch  **Voice Input**. At the prompt, speak the text you want to enter.

Section 3: Contacts and Accounts

Accounts

Your device 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 device's Contacts.

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

Setting Up Your Accounts

Set up and manage your accounts with the Accounts settings.

For information about setting up other, non-synchronized email accounts, see “*Setting Up Email Accounts*” on page 74.

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

Adding an account

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

Managing accounts

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

Contacts

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

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.

Creating Contacts

1. From the Home screen, touch  **Contacts** →  **Create contact**.
2. At the **Save contact** prompt, select a save option for the contact (options depend on accounts set up):
 - **Device**: Save to the phone's Contacts.
 - **Google**: Save to your Google account.
 - **Corporate**: Save to your Corporate account.
3. Touch contact fields to enter information:
 - Touch  **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**, **Work**, **Home**, **Main**, **Work Fax**, **Home Fax**, **Pager**, **Other**, or **Custom**. To add another number, touch .
 - Touch **Email address** to enter an email address, then touch the **Label** button to choose a label, from **Home**, **Work**, **Other**, or **Custom** to create a new label. To add an address, touch .

- Touch **Groups** to assign the contact to a group. For more information about Groups, see “Groups” on page 52.
 - Touch **Ringtone** to choose a ringtone for the contact.
 - Touch **Vibration pattern** to choose a vibration pattern to play along with the ringtone when this contact calls or sends you a message.
 - Touch **Add another field** to add more fields, including **Phonetic Name**, **Organization**, **IM**, **Address**, **Notes**, **Nickname**, **Website**, **Events**, or **Relationship**.
4. When you finish 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.

For more information, see “*Creating or Updating Contacts Using Recent calls*” on page 61.

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, see “*Creating Contacts*” on page 45.

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 Home screen, touch  **Contacts**.
2. Touch a contact to view its information, then touch  **Edit**.
– or –
Touch and hold a contact, then select **Edit** from the menu.
3. Continue entering contact information. For more information, see “*Creating Contacts*” on page 45.

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, see “*Creating Contacts*” on page 45.

Updating Contacts from Recent calls

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

For more information, see “*Creating or Updating Contacts Using Recent calls*” on page 61.

Choosing Contacts to Display

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Contacts to display**:
 - Choose **All contacts** to show all contacts.
 - Choose an account to only display contacts from that account.
 - Touch **Device** to show only show contacts saved to the phone.
 - Touch **SIM** to show only contacts saved to the SIM card.
 - Choose **Customized list** to select contact types for each account, or the phone.

Contacts Settings

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **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 **Service numbers** to view and call customer service for your service provider.
 - Touch **Contact sharing settings** to set your preferences for transferring contacts by Bluetooth. You can choose to send all namecards at once, or individually. For more information about sending contacts, see “*Sending Namecards (vCards)*” on page 50.

Other Contacts Options

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display it, then touch  **Menu**:
 - **History**: View calls and messages to and from this contact.
 - **Edit**: Modify contact information.
 - **Delete**: Erase the contact record.
 - **Link contact/Separate contact**: Manage multiple contacts as one. For information, see “*Linking Contacts*” on page 49.
 - **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 one or more selected contacts as namecards. For information, see “*Sending Namecards (vCards)*” on page 50.
 - **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 **Remove from reject list**.
 - **Place to home screen**: Add a shortcut icon to a Home screen to provide direct access to this contact.

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 over a Bluetooth connection or as an attachment to a message.

Creating My Local Profile

1. From the Home screen, touch  **Contacts**.
2. At the top of the **Contacts** list, touch **Set up profile**, then enter your information in the contact fields. For more information, see “*Creating Contacts*” on page 45.

Sending My Local Profile

You can send your profile as a vCard over a Bluetooth connection or as an attachment to a message.

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

Linking Contacts

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

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

Linking contacts

1. From the Home screen, touch  **Contacts**.
2. Touch and hold on a contact, then select **Link contact**.
3. Select a contact to join to the selected contact.

Separating contacts

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display its information.
3. Under the **Connection** heading, phone icons show how many contacts are linked to this one. Touch the  icon to display the linked contacts.
4. Touch  next to a contact to remove it from the **Linked contact** list.

Exporting and Importing Contacts

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

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Import/Export**.
3. Select an option, then follow the prompts to complete the operation:
 - **Import from USB storage:** Copy contacts that are saved in device memory.
 - **Export to USB storage:** Copy contacts to device memory.
 - **Import from SD card:** Copy contacts from an optional installed memory card (not included).
 - **Export to SD card:** Copy contacts to an installed memory card.
 - **Import from SIM card:** Copy contacts that are saved to the SIM card to device memory.
 - **Share namecard via:** Share contacts as vCards. For more information, see “*Sending Namecards (vCards)*” on page 50.

Sending Namecards (vCards)

You can send a contact namecard as a vCards using a Bluetooth connection to other Bluetooth devices, 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 Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Import/Export** → **Share namecard via**.
3. 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.
4. Touch **Done**. At the prompt, choose a sending method, then follow the prompts to send the namecard:
 - **Bluetooth:** For more information about sending using Bluetooth, see “*Bluetooth*” on page 163.
 - **Email:** For more information about sending email, see “*Email*” on page 74.

- **Gmail:** For more information about sending Gmail, see *“Composing and Sending Gmail”* on page 77.
- **Messaging:** For more information about sending messages, see *“Creating and Sending Messages”* on page 70.
- **Wi-Fi Direct:** For more information about using Wi-Fi Direct, see *“Wi-Fi Direct”* on page 160.

Backing Up Contacts

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

For more information, see *“Backup Assistant Plus”* on page 212.

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Backup**.
3. Follow the prompts to log in to your Backup Assistant Plus account.

Favorites

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

Creating Favorites

1. From the Home screen, touch  **Contacts**.
2. Touch  **Favorites** →  **Menu** → **Add to Favorites**, select the contacts to be added to favorites, then touch **Done**.
– or –
Touch a contact to display it, then touch ★ at the top right of the screen.

Groups

Assign contacts to Groups to make searching for contacts faster, or to quickly call or send messages to group members. Your device comes with pre-loaded groups you can use to add your contacts, or you can create new groups.

Accessing Groups

- From the Home screen, touch  **Contacts** →  **Groups**.

Creating a New Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch  **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 an alert tone to play 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.
3. Touch  to save the new group.

Editing a Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch a Group to display it.
3. Touch  **Menu** → **Edit group**, then update information for the group. For more information, see “*Creating a New Group*” on page 52.

Deleting a Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch  **Menu**, then touch **Delete groups**.
3. 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.
4. Touch **Delete**, then choose **Group only** or **Group and group members**.
5. When prompted, touch **OK** to delete the selected group(s).

Adding Contacts to a Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch a **Group** to display it, then touch  **Add member**.
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 Home screen, touch  **Contacts** →  **Groups**.
2. Touch a **Group** to display it.
3. Touch  **Menu**, then touch **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 Home screen, touch  **Contacts** →  **Groups**.
2. Touch a **Group** to display it.
3. Touch  **Menu**, then touch **Send message** or **Send email**.
4. Touch contacts to mark them as recipients for the new message, then touch **Done**.
5. The new message opens, with the marked contacts as recipients. Continue creating the message, as desired.

For more information, see *"Creating and Sending Messages"* on page 70, or see *"Composing and Sending Email"* on page 76.

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 56.

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

Speed dial 1 is reserved for Voicemail.

Speed dial 96 is reserved for data usage inquiries.

Speed dial 97 is reserved for balance inquiries.

Speed dial 98 is reserved for minutes inquiries.

Speed dial 99 is reserved for payment inquiries.

Assigning Speed Dials

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

Removing or Reassigning a Speed Dial

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

Section 4: Calling

Making Calls

Your device offers multiple ways to make calls:

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

Making 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 54.

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, see “*Contacts*” on page 44.

1. From the Home screen, touch  **Contacts**.
2. Find the contact and touch it to open the Contact entry.
3. 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 using S Voice

Place a call by speaking the name or number.

1. From the Home screen, touch  **Phone**, then touch .
2. The first time you access, follow the prompts to confirm the license agreement, and view information about.
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.

Tip: You can launch S Voice from most unlocked screens by pressing the  **Home Key** twice.

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 52.

1. From the Home screen, touch  **Phone**.
2. Touch  **Favorites** to display favorites.
3. Find the contact and touch it to open the Contact entry.
4. Swipe your finger from left to right across the contact to dial their default number.
– or –
Touch a contact, then touch  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, see “*Recent Calls*” on page 60.

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 device is locked or unlocked.

- Touch and drag the  **Answer** icon toward the middle of the screen.

Tip: To silence the ringtone for an incoming call, press the **Volume Key**.

Sending Calls to Voicemail

When your device 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 toward the middle of the screen.

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 63.

Answering Call-Waiting Calls

When you receive a call while on a call:

- Touch and drag the  **Answer** icon 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

While in a call, you can use these features:

- **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 (device and headset must already be paired; for more information see *"Pairing with a Bluetooth Device"* on page 163).
- Touch  **Menu** for options:
 - **Contacts:** Launch Contacts.
 - **Message:** Launch Messaging.
 - **S Note:** Launch S Note.
 - **Noise reduction on/Noise reduction off:** Enable or disable noise reduction, to improve call audio quality in noisy environments.
 - **My call sound:** Choose options for call audio, in cases where you might need the sound softer or clear, or optimized for your right or left ear.

Ending a Call

- To end 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** →



Recent calls.

Making Calls using Recent calls

1. From the Home screen, touch  **Phone**.
 2. Touch  **Recent** to display recent calls.
 3. Swipe your finger from left to right across the call to redial.
 - or –
- Touch a call, then touch  to dial the number.

Sending Messages using Recent calls

1. From the Home screen, touch  **Phone** →  **Recent calls**.
2. Swipe your finger from right to left across the call.
— or —
Touch a call, then touch  to create a message to the number.

Creating or Updating Contacts Using Recent calls

1. From the Home screen, touch  **Phone** →  **Recent calls**.
2. Touch and hold on a call, then select **Add to Contacts** from the pop-up menu.
3. Choose **Create contact** or **Update existing**.
4. Continue entering contact information. For more information, see “*Contacts*” on page 44.

Managing Recent calls

Deleting records

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

Filtering records

1. From the Home screen, touch  **Phone** →  **Recent calls**.
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**, and **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 calls**.
2. While viewing calls, touch  **Menu**, then touch **Call duration**.

Call Settings

Configure settings for calling with your device.

Call block

Manage your phone's Auto Reject/Accept mode.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call settings**.
3. Select **Call block** for these options:
 - **Incoming call:**
 - **Block calls:** Set blocking of incoming calls Off, to apply to All numbers, or to apply to numbers in your Call block list only.
 - **Call block list:** Choose to block all incoming calls with Unknown number, and/or Create/manage numbers whose calls are to be blocked.
 - **Outgoing call:**
 - **Block calls:** Set blocking of outgoing calls Off, to apply to All numbers, or to apply to numbers in your Call block list only.
 - **Call block list:** Create/manage numbers to whom outgoing calls are to be blocked.

Set up call rejection messages

Create and manage text messages to send to callers when rejecting incoming calls. Messages you create here are available from the incoming call screen when you use the Reject with message option.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Set up call rejection messages**.
3. Manage messages:
 - To create new messages, touch **Create**, then follow the prompts.
 - To change an existing message, touch the message, then edit the text.
 - To delete an existing message, touch , select the message(s) to be deleted or touch **Select all**, then touch **Delete**.

Answering/ending calls

Manage settings for answering and ending calls.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Answering/ending calls**.
3. Configure these options:
 - **The home key answers calls:** When enabled, you can answer an incoming call by pressing the  **Home Key**.
 - **Voice control:** When enabled, you can answer an incoming call using voice commands.
 - **The power key ends calls:** When enabled, pressing the  **Power/Lock Key** ends a call, without turning off the screen.

Turn off screen during calls

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

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings**.
3. Touch **Turn off screen during calls** to enable or disable the option.

Call alerts

Set options for sounds and vibrations to occur during calls.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Call alerts**.
3. Configure options:
 - **Call vibrations:** Enable **Vibrate on connection to network** to have your device vibrate when it connects to the network. Enable on **Call-end vibration** to have the device 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 device 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 device play a tone when the other caller ends the call. Touch **OK** to save the settings.
 - **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.

Incoming call notifications

When enabled, incoming voice call notification pop-ups appear, when the screen is on.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Incoming call notifications** to enable or disable this option. A check mark appears to indicate this option is enabled.

Accessory settings for call

Configure headset options for calls.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Call accessories**.
3. Configure settings:
 - **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 device.
 - **Outgoing call conditions:** When the device is paired with a Bluetooth headset, you can choose to make calls even when the device is locked.

Ringtones and keypad tones

Choose tones and/or vibration to play for incoming calls and keypad touches.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Ringtones and keypad tones**.
3. Configure settings:
 - **Ringtones:** Choose a default ringtone for incoming calls.
 - **Vibrations:** Choose a vibration pattern, or create your own pattern, to play for incoming calls when Incoming call vibration is turned On. Vibration plays along with the ringtone, if Silent mode is not enabled.
 - **Vibrate when ringing:** When enabled, the Device vibration plays for incoming calls.
 - **Keypad tones:** When turned on, sounds play when you touch the Phone keypad.

Personalize call sound

Choose options for call audio, in cases where you might need the sound softer or more clear, or optimized for your right or left ear. These are the defaults, but you can change them during a call by touching  **Menu** → **My call sound**.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings** → **Personalize call sound**.
3. Configure options:
 - **Adapt sound:** Follow the prompts to find the best call sound for you.
 - **Soft sound:** Higher voice frequencies are reduced.
 - **Clear sound:** Higher voice frequencies are increased.
 - **Off:** Choose Off to use the phone's defaults, or choose Soft sound, Clear sound, Optimized for left ear, or Optimized for right ear.

Noise reduction

Enable or disable noise reduction. When enabled, the effect of background noise is suppressed, to help you and the other caller hear better.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings**.
3. Touch **Noise reduction** to enable or disable the option.

Increase volume in pocket

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

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings**.
3. Touch **Increase volume in pocket** to enable or disable the option.

Voicemail

Configure options for voicemail.

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings**.
3. Configure options:
 - **Voicemail service:** By default, your device 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 for your service provider is *86 (*VM). If you wish to use another speed dial, touch Voicemail number to set a new one.
 - **Sound:** Choose a ringtone to play for a voicemail notification.
 - **Vibrate:** Choose an option for vibration to play for a voicemail notification.

Other call settings

1. From the Home screen, touch  **Phone**.
2. Touch  **Menu** → **Call Settings**.
3. Configure options:
 - **Current country**: Choose the country you are in. This is used in Assisted dialing.
 - **Assisted dialing**: When turned On, your phone automatically dials appropriate codes and prefixes for international calls. Touch  to turn the option On or Off, then touch Assisted dialing to configure settings.
 - **Auto retry**: When enabled, the device 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.
 - **Hearing aids**: Enable or disable hearing aid support.

Section 5: Messaging

Types of Messages

Your device 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 Hangouts:** Chat with other Google Hangouts users.

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

Text and Multimedia Messaging

Your device can send and receive text and multimedia messages.

Creating and Sending Messages

1. From the Home screen, touch  **Messages**.
 2. Touch  **New message**.
 3. 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.
 4. Touch **Enter message**, then enter the message. While entering the message, use these options (available options depend on attachment):
 - Touch  **Attach** to add media or content 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, Contacts or Text templates to add.
 - **View contact**: Display the addressed contact's information.
 - **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, and adding a slide converts the message to MMS.
- **Add subject**: Add a subject field (converts the message to MMS.)
- **Duration**: Set the length of time the media on the slide displays.
- **Layout**: Choose whether the message text appears above (Text on top) of the attachment(s), or after (Text on bottom).
- **Priority level**: Set the urgency of the message.
- **Discard**: Erase the message without sending it.
- **Translate**: Automatically translate your message text to a selected language using S Translator. For more information, refer to “S Translator” on page 96.
5. Touch  to send the message.

Managing Messages

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

1. From the Home screen, touch  **Messages**.
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.
 - **Save messages:** Save the message to
 - Touch  **Menu** for options, including:
 - **Search:** Enter characters to search messages and recipients.
 - **Delete threads:** Choose message threads to erase.
 - **Draft messages:** View messages you've created but not yet sent.
 - **Locked messages:** View messages you've locked. Locked messages cannot be deleted.

- **Save messages:** Save messages to storage.
- **Settings:** Configure Messaging settings.
- **About:** View information about Messaging.

Message Settings

Configure settings for message storage, delivery, or alerts.

1. From the Home screen, touch  **Messages**.
2. Touch  **Menu**, then touch **Settings** → **General** tab for options:
 - **General settings:**
 - **Restore messages:** Restore messages saved to an optional memory card back to the Messaging app.
 - **Delete old messages:** When enabled, messages are automatically erased when storage reaches default limits. When disabled, the device 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.
- **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**.
 - **Split view:** When enabled, messages display in a split screen view when the device is in landscape orientation.
 - **Use the volume key:** When enabled, you can change the size of message text while viewing by pressing the Volume Key.
- **Signature settings**
 - **Add signature:** When enabled, a text signature is added to all messages you send.
 - **Signature text:** Enter a text signature to add to messages when Add signature is enabled (available when Add signature is enabled).

3. Touch **SMS/MMS** tab for options:

- **Text message (SMS) settings:**
 - **Delivery reports:** When enabled, you receive a delivery report for text messages you send.
- **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 device prompts for download.
 - **Roaming auto-retrieve:** When enabled, MMS messages download and display automatically when roaming. When disabled, the device prompts you to download new MMS messages.
 - **MMS alert:** When enabled, your device alerts you when a message changes from SMS to MMS, such as when you attach a picture.
 - **Group conversations:** When you enter multiple recipients, the message is considered a group message. When this option is enabled, replies to the original message are sent to all recipients.

4. Touch **More** tab for options:

- **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 the frequency of alerts for new messages.
- **Preview message:** When enabled, a preview of new messages appears in the Status bar with the message notification.

- **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 (checkmark shown). For more information about Emergency Alerts see “*Emergency Alerts*” on page 74.

- **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 reminder:** Choose whether, and at what interval, your device plays a sound to notify you of an Emergency Alert after the Emergency Alert tone has stopped.

- **Callback number**

- **Enable callback number:** When enabled, a telephone number is included in messages you send.
- **Callback number:** Enter a telephone number to add to messages when Enable callback number is enabled (available when Enable callback number is enabled).

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 three types of Emergency Alerts:

- Presidential
- Imminent (Severe or Extreme)
- AMBER Alerts (missing person alert)

Customers may choose not to receive Imminent Alerts and AMBER Alerts. Presidential Alerts can not be disabled. To disable Imminent Threat Alerts (Extreme and Severe) and AMBER Alerts, follow these instructions:

1. From the Home screen, touch  **Messages**.
2. Touch  **Menu**, then touch **Settings → More → Emergency Alerts**.
3. All alerts are enabled by default (checkmark showing). To disable alerts, touch an alert to remove the checkmark.

Email

Send and receive email using popular email services.

Setting Up Email Accounts

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

1. From the Home screen, select  **Apps →**
 **Email**.
2. The first time you set up an email account, select your email provider.
– or –
For subsequent accounts, touch  **Menu → Settings**
→ , then select your email provider.
3. Follow the prompts to set up your email account.

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

<https://smartphones.verizonwireless.com>

Deleting Email Accounts

1. From the Home screen, select  **Apps** →  **Email**.
2. Touch  **Menu** → **Settings** → .
3. Select email account(s) for deletion, then touch **DELETE**.

Syncing Email Accounts

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

- From the Home screen, select  **Apps** →  **Email** →  **Sync**.

Email Settings

Use settings to configure handling of your email.

Note: Available settings depend on the email provider.

1. From the Home screen, select  **Apps** →  **Email**.
2. Touch  **Menu** → **Settings** → **General preferences** for options:
 - **Auto-advance:** Choose the screen to display after you delete a message.
 - **Message preview line:** Choose the number of lines of email text to display in the preview screen.
 - **Email title:** Choose how emails are titled in the preview screen.
 - **Confirm deletions:** When enabled, Email will prompt you to confirm when you delete messages.
 - **Quick responses:** View and manage text phrases that you can insert into emails.
 - **Split view mode:** When enabled, emails display in a split screen view when the device is in landscape orientation.
 - **Priority senders:** Enter email addresses, to have emails from the addresses treated as a priority.

- **Email notifications:** Enable or disable display of notifications for new emails in the Status bar.
 - **Select ringtone:** Choose a sound to play with new email notifications.
 - **Vibrate:** Enable or disable vibration to play with new email notifications.
3. Touch an account to configure specific settings.
Available options depend on the account.

Composing and Sending Email

1. From the Home screen, select  **Apps** →  **Email**.
2. If you have multiple accounts set up, choose an account from the menu at the top of the screen.
3. Touch  **COMPOSE**, then touch fields to enter recipients and the email text.
4. While composing a message, use these options:
 - Touch  **Menu** for options. Available options depend on the type of email account.
 - Touch  **Attach** to add a file to the message. Available options depend on the type of email account.
5. Touch  **Send** to send the message.

Gmail

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

- From the Home screen, touch  **Apps** →  **Google** →  **Gmail**.

Setting Up Your Gmail Account

The first time you launch Gmail, your device will prompt you to set up your Google account, if you haven't already set it up. If you set up your Google account on your device, Gmail is set up automatically

1. From the Home screen, touch  **Apps** →  **Google** →  **Gmail**.
2. Follow the prompts to sign in, or create a new account.
3. The device communicates with the Google server to set up your account and synchronize your email.

Note: You can use more than one Google account on your device. To add another account, use the  **Menu** → **Settings** → **ADD ACCOUNT** option.

Refreshing Your Gmail Account

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

- From the Home screen, touch  **Apps** →  **Google** →  **Gmail** →  **Sync**.

Gmail Settings

Use settings to configure your Gmail preferences.

1. From the Home screen, touch  **Apps** →  **Google** →  **Gmail**.
2. Touch  **Menu** → **Settings** for options.

Composing and Sending Gmail

1. From the Home screen, touch  **Apps** →  **Google** →  **Gmail**.
2. Touch  **Compose**, then touch fields to compose the message. While composing, touch  **Menu** for options.
3. To send the message, touch  **Send**.

Voicemail

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

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

Setting up Voicemail

1. From the Home screen, touch  **Apps** →  **Google** →  **Voicemail**.
– or –
From the Home screen, touch  **Phone**, then touch and hold .
2. Follow the automated instructions to set up your password and record a greeting.

Checking Voicemail

1. From the Home screen, touch  **Apps** →  **Google** →  **Voicemail**.
– or –
From the Home screen, touch , then touch and hold .
2. Follow the automated instructions to manage voicemail.

Clearing Voicemail Notifications

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

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

Google Hangouts

Chat with other Google Hangouts users.

Note: Hangouts requires that you have a Google account set up on your device. For more information, see “*Setting Up Your Accounts*” on page 43. If you set up your Google account, you are automatically logged in.

- From the Home screen, select  **Apps** →  **Hangouts**.

Section 6: Applications

Managing Applications

Apps displays all applications installed on your device, including apps you download and install.

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

Tip: You can place shortcuts to apps on the Home screen, for quick access to the application. For more information, see “Shortcuts” on page 37.

Downloading and Installing Apps

Find new apps to download and install on your device:

-  **Amazon Appstore:** For more information, see “Appstore (Amazon)” on page 82.
-  **Play Store:** For more information, see “Play Store” on page 152.
-  **Samsung Hub:** For more information, see “Samsung Hub” on page 98.

Uninstalling Apps

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

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

Customizing the Apps Screens

Choosing a view

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

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

Apps screen options

1. From the Home screen, 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 and place the icon on it.

- Drag it to  to launch Application manager to view information about the app. For more information, see “*Application manager*” on page 193.
- Drag 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:** Create a new folder to contain apps.
- **Uninstall:** Remove an app that you downloaded from your device. Preloaded apps cannot be uninstalled.
- **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 using Bluetooth, Email, Gmail, Google+, Messaging, S Note, 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 device.

Amazon folder

The Amazon folder is a pre-defined apps folder that you can add as a shortcut to any of your Home screens.

1. From the Home screen, touch  **Apps** →  **Amazon**.

Amazon

Shop with Amazon.

- From the Home screen, touch  **Apps** →  **Amazon** →  **Amazon**.

Amazon Kindle

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

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

- From the Home screen, touch  **Apps** →  **Amazon** →  **Amazon Kindle**.

Amazon MP3

Shop for music with Amazon.

- From the Home screen, touch  **Apps** →  **Amazon** →  **Amazon MP3**.

Appstore (Amazon)

Browse and download applications, games and more from the Amazon application store.

- From the Home screen, touch  **Apps** →  **Amazon** →  **Appstore**.

Note: Airtime or download charges may apply when using Appstore.

Audible

Download audio books to enjoy on your phone.

- From the Home screen, touch  **Apps** →  **Amazon** →  **Audible**.

IMDb

Search movies and actors, view trailers and showtimes, explore top charts and box office information, and add movies and TV to your personal Watchlist.

- From the Home screen, touch  **Apps** →  **Amazon** →  **IMDb**.

Google folder

The Google folder is a pre-defined apps folder that you can add as a shortcut to any of your Home screens.

Google

Use Google Search to search the Web.

- From the Home screen, tap  **Apps** →  **Google** →  **Google** and enter the search text.
– or –
From the Home screen, tap the Google Search bar and enter the search text.

Google Settings

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

1. From the Home screen, tap  **Apps** →  **Google** →  **Google Settings** and select an on-screen option.
2. Select one of the available on-screen options.
3. Follow the on-screen prompts.

Google +

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

1. Sign on to your Google account.
2. From the Home screen, tap  **Apps** →  **Google** →  **Google+.**
3. Select the account you want to use to sign in to Google+.
– or –
Tap **Add account** to create another account.
4. Follow the on-screen instructions to use Google+.
5. Visit www.google.com/mobile/+/ for more information.

Gmail

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

For more information, see “Gmail” on page 77.

- From the Home screen, tap  **Apps** →  **Google** →  **Gmail.**

Hangouts

Chat with other Google Hangouts users.

Note: Google Hangouts requires a Google account. For more information, see “Your Google Account” on page 11. When you set up your Google account on your device, you are automatically logged in.

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

Messenger

Messenger allows you to bring groups of friends together into a group conversation.

1. Sign on to your Google account.
2. From the Home screen, tap  **Apps** →  **Google** →  **Messenger**.
3. Select the account you want to use to sign in to Google+ and tap **OK**.
4. Follow the instructions to add or follow people and talk.

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 e-books and read them anywhere you like - on a tablet, phone, e-reader, or the Web.

- From the Home screen, tap  **Apps** →  **Google** →  **Play Books**.

Play Games

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

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

- From the Home screen, tap  **Apps** →  **Google** →  **Play Games**.

Play Magazines

Subscribe to your favorite magazines, and have them available to read on your device any time, in any place.

- From the Home screen, tap  **Apps** →  **Google** →  **Play Magazines**.

Play Movies & TV

With Google Play™ Movies & TV, you can rent thousands of different movies, to watch instantly, or download for offline viewing later. You'll need to have a Google account set up on your device to download content.

- From the Home screen, tap  **Apps** →  **Google** →  **Play Movies & TV**.

Play Music

With Google Play™ Music, you can play music you've downloaded, and music you copied from your computer. You'll need to have a Google account set up on your phone to download a new application.

- From the Home screen, tap  **Apps** →  **Google** →  **Play Music**.

Voice Search

Use voice commands to search the web with Google.

- From the Home screen, tap  **Apps** →  **Google** →  **Voice Search**.

Chrome

Use Google Chrome to browse the web.

- From the Home screen, tap  **Apps** →  **Google** →  **Chrome**.

Samsung folder

The Samsung folder is a pre-defined apps folder that you can add as a shortcut to any of your Home screens.

Action Memo

The S Pen and inventive Action Memo let you quickly access the information you need, while using any application. You can keep a memo always nearby by pinning it to the screen. Link your short notes to applications like Phone, Contacts, Messages and so on. For more information, refer to “S Pen” on page 21.

Creating a New Memo

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Action Memo**. The action Memo screen is displayed.
2. Tap an existing Memo to open it then tap the screen to enter edit mode.
– or –
Tap  **(Create)** to create a new action memo.
3. Use the on-screen options to create your memo.
4. Tap  **Save** to store the new memo.

The icons that you see displayed on the screen are described in the following table:

	Allows you to add free-format drawing and change the input color.
	Allows you to erase marks and drawings.
	Circle an on-screen text or drawing to then assign that as an action item to an available application such as: Call, Contacts, Messages, Email, Internet, Maps Calendar event.
	Displays additional functions.
	Allows you to edit the current color.
	Detaches the current memo and converts it in a small popup box.
	Reduces the number of on-screen options.
	Closes the current session and save the action memo.
	Cancels the current memo.

 Saves the current memo and creates a new one.

 Add an additional page to the memo.

5. From within the main application screen select the following functions:
- **Search:** allows you to search for information within existing memos.
 - **Create:** allows you to create a new memo.
 - **Delete:** allows you to delete an existing memo.

Bloomberg+

This application provides access to the latest business news and data.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Bloomberg+.**
2. Follow the on-screen instructions.

Calculator

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

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

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

Downloads

Provides quick access to tabs containing a list of your current downloaded files (Internet and Other).

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Downloads**.
2. Place a checkmark on an available file to select it.
3. Choose an available action such as Share, Delete, Sort by size/date, or Clear list.

Flipboard

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

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Flipboard**.
2. Follow the on-screen instructions.

Group Play

This application lets you share documents, photos or music in real-time with other connected friends.

Note: Group play is not the same as Screen mirroring, which requires a connection to a Wi-Fi capable Samsung TV or the use of the AllShare Cast Hub.

For more information, refer to “AllShare Cast Hub” on page 143.

Important! To share a Group Play, all users must be connected to the same Wi-Fi access point.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Group Play**.
2. Read the on-screen Disclaimer information and tap **Agree** to continue.
3. Follow the on-screen tutorials.

Creating a group

If you have media you want to share, create a group for other users to join to and then share/collaborate with what you are sharing.

The creator of the group is the leader and it the source of the shared file. All other joined members can then interact with the file being shared.

1. Connect to an active Wireless Access Point and confirm your other participants are also connected to this same Wi-Fi.
2. From within the Group Play application, tap the **Set group password** field to enable the function which requires users to enter a password prior to connecting to your new group.
3. Tap **Create group**. If previously selected, enter your group password and tap **OK**. Mobile AP is enabled.
4. Tap one of the media items listed under the **Share and play content** heading.
5. Tap to select the items you want to share (indicated by a checkmark), then tap **Done** or **OK**.

6. Have your friends sign onto Group Play from their devices (see below) and they can view your media using you as a Mobile AP.

Joining a group

A joiner is the participant of an already created group. You can only view and interact with media shared by the leader of an existing group.

1. Connect to an active Wireless Access Point and confirm your connection is this same Wi-Fi as the group leader.
2. From within the Group Play application, tap **Join group**. Your device then scans for available groups for you to join.
3. Select a group to join. Once connected, you can then select the shared content and interact with your group's shared media.
4. Press  and select **Help** for additional information.

Using Group Play to Share Videos on Split Screens

1. Connect to an active Wireless Access Point and confirm your connection is this same Wi-Fi as the group leader.
2. From within the Group Play application, tap **Create group**. If previously selected, enter your group password and tap **OK**.
3. Before continuing, have all users launch their respective Group Play application and connect to your new group.

Important! Once users begin to connect, you are notified by an on-screen pop up and the connected user indicator (01) displays the new number of connected users.

4. On your source device, tap **Share video**, select the desired video file → **Done**.
5. As the video begins to play, all connected users must tap the **Share video** option within their Group Play.

Note: Without users tapping the **Share video** option, the Sharing slider is disabled and the video only displays on the device.

6. At the source device, drag the enabled Split screen slider from a single screen session () to the Multi-Screen setting () to span videos across multiple devices.
7. Use the on-screen number on each participant's screen to align the devices accordingly and display the same video over several different screens.

Using Group Play to Simultaneously Share Music

1. Connect to an active Wireless Access Point and confirm your connection is this same Wi-Fi as the group leader.
2. From within the Group Play application, tap **Create group**. If previously selected, enter your group password and tap **OK**.
3. Before continuing, have all users launch their respective Group Play application and connect to your new group.
4. On your source device, tap **Share music**, select the desired file → **Done**.
5. As the song begins to play, all connected users must tap the **Share music** option within their Group Play.

Internet

Open the browser to start surfing the Web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

Your device is equipped with a Google browser to navigate the mobile Web. This section explains how to navigate the browser and use the basic features.

- From the Home screen, tap  **Apps** →  **Samsung** →  **Internet**.

KNOX

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

1. From the Home screen, tap  **Apps** →  **Samsung** →  **KNOX**.
2. Tap **OK** and follow the on-screen instructions.

My Files

This application allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. This application allows you to launch a file if the associated application is already on your phone (ex: MP4).

- From the Home screen, tap  **Apps** →  **Samsung** →  **My Files**.

Note: Navigation in this viewer works on a hierarchy structure with folders, subfolders, and so on.

Note: The application lets you view supported image files and text files on both your internal storage and microSD card.

Opening and Navigating within Files

DCIM is the default location for pictures or video taken by the device. These files are actually stored in the DCIM folder location.

To open files:

1. From the Home screen, tap  **Apps** →  **Samsung** →  **My Files**.
2. Tap a folder and scroll down or up until you locate your selected file.
 - **Home tab**  allows you to back up to the root directory.
 - **Up tab**  allows you to back up into a higher directory.
 - Tap  → **View as** to change the way the files are displayed on-screen. Choose from: **List**, **List and details**, or **Thumbnail**.
 - Tap  for these additional options: **Select all**, **Create folder**, **Sort by**, **Add shortcut**, and **Settings**.

To navigate:

1. Tap **All files** → **Device storage/SD memory card** to see the contents of either device or your internal SD card.
2. The following folders may display:
 - **ShareShot**: displays the files shared during a group share shot session.
 - **Alarms**: this folder contains any alarm files you may have.
 - **Android**: the Android folder stores files that are used in Android applications.
 - **Application**: this folder contains app info for S Note.
 - **Bluetooth**: this folder stores files sent by a Bluetooth device.
 - **DCIM**: this is the default location for pictures and videos taken by the device. Tap **DCIM** → **Camera** to view the picture or video files.
 - **Download**: this folder contains downloads you have made.
 - **Movies**: this folder contains your Video and Movie files.
 - **Music**: this folder contains your Music files.
 - **Notifications**: this folder contains all of the notifications you have received.
 - **Pictures**: this folder contains your photos.

- **Ringtones**: this folder contains any ringtones you have purchased.

Note: Different folders may display depending on how your phone is configured.

3. Once you have located your file, tap the file name to launch the associated application.

PEN.UP

This Samsung application allows you to join a an online community, follow your favorite artists, show off your artwork, and connect with other artists.

This community brings together anyone that uses the S Pen to draw, sketch, scribble or paint. Share pictures, comment on other creations, or just browse through the pages for something to add to your personal collection.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **PEN.UP**.
2. From the main screen tap either **Sign up** or **Explore Pennable**.
3. Follow the on-screen instructions.

POLARIS Office 5

Polaris Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **POLARIS Office 5**.
2. From the Registration screen, enter your Email information (if desired) and tap **Register** to complete the process.
– or –
Tap **Skip** to ignore this registration. The main Polaris Office screen displays.
3. Follow the on-screen instructions to use Polaris Office.

S Health

S Health is a wellness application that allows you to better manage your health by providing you with relevant information.

Note: Access to this feature requires that you already be logged in to your Samsung account application. For more information, refer to “Your Samsung Account” on page 11.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **S Health**.
2. Read the introduction and tap **Start**.
3. Read the Terms and conditions information, place a checkmark in the **Agree** checkbox.
4. Tap **Next**.
5. Enter your personal information, then tap **Next**.
6. Follow the on-screen instructions to use S Health.
7. Press  and then tap **Help** for more detailed information.

S Translator

Allows you can easily translate words and phrases (verbal or text messages) into many different languages.

Note: Access to this feature requires that you already be logged in to your Samsung account application. For more information, refer to “*Your Samsung Account*” on page 11.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **S Translator**.
2. If prompted, follow the on-screen instructions to log into your Samsung account.

To translate text:

1. At the S Translator screen, tap the top language bar to select your target/source language. Default is Spanish.
2. Tap the bottom language bar to select the destination language that you would like to translate to. Default is English (US).
3. Enter text into the top box and it will automatically be translated into the lower box.

4. Tap the selected  **Translate** button within the bottom field. The top target language field is then updated with the new translation.

To translate using your voice:

Important! The two on-screen buttons at the bottom of the application correspond to the two currently selected languages.

1. At the S Translator screen, tap the left voice button to verbally speak the selected language (corresponds to top field).
2. Wait a few seconds until the on-screen notification shows “Speak in...” then speak using the selected language.
3. Within a few seconds, confirm the translated text now appears in the other translation field.
4. Tap the selected  **Speak** button to translate using your selected input language and voice.
 - Example, if trying to speak in English and get a Spanish translation, tap the **Speak (English (US))** button and wait for the text to display on-screen.

5. Press  for additional options. Choose from:
TTS readout speed, Auto readout, and Help.

S Voice

Launches your phone's built-in voice recognition system that allows you to initiate several common tasks without having to touch the device.

This is a voice recognition application used to activate a wide variety of functions on your device. This is a natural language recognition application.

This goes beyond the Google Search Voice Actions feature that simply recognizes Google commands and search terms. You can ask questions (Is it raining in Dallas?) or give voice commands (Show me where to find cheap gas).

- From the Home screen, tap  **Apps** →  **Samsung** →  **S Voice**.

Using S Voice

1. From the Home screen, tap  **Apps** →  **Samsung** →  **S Voice**.
2. Read the on-screen disclaimer information and tap **Confirm** to continue.
3. Review the Terms of Service and tap **Agree** to continue.

4. Navigate through the following on-screen tutorial screens by reading the information and tapping **Next**, or tap **Skip** to continue without reading the information.
5. Wake up the application by repeating the phrase **Hi Galaxy**.

Note: The wake-up command/phrase can be changed from "Hi Galaxy" to anything else.

6. Tap  **Speak** if the device does not hear you or to give it a command.

Example 1:

- I want to find the best pizza online.
- Tap  and say "Find me the best Pizza". This launches an Internet search.

Example 2:

- I want to go to Cambridge.
- Tap  and say "Navigate to Cambridge". This launches the Map application and indicates where this is in relation to your current position.

Samsung Hub

Samsung Hub makes it easy to find, sample, and purchase movies, TV shows, books, games, and music, in one user-friendly location. With hundreds of titles available, entertaining your family on-the-go has never been easier. You can rent or purchase your favorite content and watch from any location. Samsung Hub is your gateway to mobile entertainment.

Note: Samsung Hub usage is based on service availability.

You must have an active Samsung Account to purchase and rent content from Samsung Hub.

Important! You must be using an active Wi-Fi/4G/LTE connection to preview and download a media file. The internal memory acts as a storage location for your downloaded rental or purchase.

Creating a New Samsung Hub Account

Before you can rent or buy media, you must first create an account. Enter the required information.

Important! The Samsung account manages the access information (username/password) to several applications, such as Samsung Link, Chat On, and Samsung Hub.

Note: Your Samsung Hub account is managed by the Samsung account application. This application manages your user profile information.

1. Confirm you have already logged in to your Samsung account.
2. From the Home screen, tap  **Apps** →  **Samsung Hub.**

Tip: In some cases it might be necessary to sign in to your Samsung account through the application. Press  and then select **Sign in.**

3. When prompted to connect using mobile networks, select either **Cancel** or **Connect**.
4. If notified your Samsung account is not yet active or verified, tap **OK**. You must be signed in to your Samsung account to use the application's various features.

Using Samsung Hub

The main Samsung Hub screen provides an overview of all the available categories on one page such as: Music, Video, Books, and Games. The overview page also displays recently added media that you can rent or purchase.

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



Samsung Hub.

- The **OVERVIEW** screen (landing page) displays an main access for all available categories and recently available content for purchase or rental.
2. Scroll across the screen to select from the following available pages:

- **MUSIC**: displays featured Music content available for purchase/stream from the Music store & Radio. This page also allows you to search for new content, or navigate directly to the Music store page by clicking on the "Music" link at the top of the page.
 - **VIDEO**: displays featured film and TV content available for purchase/rent from the video store. This page also allows you to search for new content, or navigate directly to the Movie & TV store page by clicking the "Video" link a the top of the page.
 - **BOOKS**: displays featured Book content available for purchase from the Book store. This page also allows you to search for new content, or navigate directly to the Book store page by clicking the "Books" link a the top of the page.
 - **GAMES**: displays featured Game content available from the Game store. This page also allows you to search for new content, or navigate directly to the Game store page by clicking the "Games" link a the top of the page.
3. To purchase or view featured content in more detail, tap on any content (Thumbnail or text) to navigate to the product detail page.

4. Depending on the content, you can either purchase, rent, or stream the content directly from the product detail page.
5. Choose a payment method, then follow the on-screen instructions.

Samsung Hub Notices

- Any media item (Media Content) may be rented or purchased after you create an account in Samsung Hub.
- Media Content that is purchased and downloaded may be viewed concurrently on up to five (5) devices with Samsung Hub (or “the service”) that are also registered to the same account.
- You may remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you’d like. You will have the ability to re-download the Media Content later subject to content re-download availability and content provider permissions.
- You may need network coverage to access Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity to download Media Content.
- Unlike purchased Media Content, rented Media Content is viewable on only 1 device in your account at a time.
- Media Content is downloaded and saved to your authorized device’s SD card. No SD Card included out of box.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching Media Content within the time limit set out for each piece of content (which may be as short as 24 consecutive hours).
 - Stopping, pausing or restarting rented Media Content does not extend the available viewing time.

- In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (for example, if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- Unless otherwise restricted by the Content Providers, you can download Media Content to your TV using HDMI connections; otherwise, you cannot play Media Content downloaded from your mobile device output.

Samsung Link

This application wirelessly synchronizes your Samsung mobile phone with your TV, streams content and even keeps tabs on who calls or sends text messages with real-time, on-screen monitoring. Samsung's Samsung Link makes staying connected easy.

Allows users to share their in-device media content with other external devices using DLNA certified™ (Digital Living Network Alliance) Devices. These external devices must also be DLNA-compliant. Wi-Fi capability can be provided to TVs using a digital multimedia streamer.

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

AllShare/Samsung Link Definitions:

Samsung Link/ AllShare Play

This new feature builds on the previous AllShare Play functionality. It includes features such as Web storage integration and social networking integration. This is a Web service that requires using a Samsung account.

Group Play

A subset feature of Samsung Link, this allows you to mirror photos and multimedia presentations with other members of your current Wi-Fi group. Users must be on the same Wi-Fi and provide an access code to join the group.

AllShare Cast (with Hub accessory)

This feature functions with an external AllShareCast Hub to fully mirror what is currently displayed on your device to the external TV.

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

For more information, refer to *“Wi-Fi Settings”* on page 172.

For more information, refer to *“Your Samsung Account”* on page 11.

1. Confirm you have already logged in to your Samsung account.
2. From the Home screen, tap  **Apps** →  **Samsung** →  **Samsung Link**.
3. If prompted with an on-screen notification about no Wi-Fi detected, tap **Cancel** (to continue by using your network connection) or **Connect** to continue.
4. Tap **Sign in**.
5. If prompted to log into your Samsung account, tap **Sign in** and follow the on-screen instructions.

Note: If the main screen still shows a Sign in box, close the application and restart it.

6. Follow the on-screen prompts.
7. Tap   to reveal the DEVICES & STORAGE list, scroll down the screen. The DEVICES & STORAGE list contains two separate streaming media options:
 - **Registered devices** allows you to stream/share selected multimedia content from your device to DLNA compliant device connected to the same Wireless Access Point.
 - **Registered storage:** allows you to receive and playback media stored externally (server, laptop, and so on) directly on your device by allowing you to add a Web storage service for streaming content.

Configuring Samsung Link Settings

The Samsung Link™ application must first be configured prior to its initial use. You must setup parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Samsung Link**.
2. Press  and then tap **Settings** and configure the following settings as desired:

- **Registered storage:** allows you to add a Web storage location. Without a storage service/location added, you cannot use Samsung Link.
- **Save to:** allows you to save your media to your internal phone memory or to an SD card.
- **Auto upload:** allows you to enable automatic upload of images from your device to those storage locations specified within the Web storage list. Move the slider to the on position to activate the feature.
- **Video optimization:** allows you to setup the video quality for streamed video content. Move the slider to the on position to activate the feature.
- **Password lock:** allows you to restrict access to Samsung Link by requiring a user enter the currently active and associated Samsung account password. Move the slider to the on position to activate the feature.
- **My account:** displays Samsung account information.
- **Customer support:** allows you to contact the Samsung Link team using a new email from an available email account.
- **About this service:** displays application information.

Setting Up Web Storage

Web storage services allow you to use storage space to store your files and share them on the “Cloud”.

Note: If you are using another Web storage service, log into that service first before using Samsung Link.

1. From the Home screen, tap  **Apps** →  **Samsung** →  **Samsung Link**.
2. Tap   → **Add storage**.

Note: When adding storage, an N Drive is added.

3. Choose from: SugarSync, Dropbox, or SkyDrive.
– or –
Press  and then tap **Settings** → **Registered storage** → **Add storage**.
4. Follow the on-screen instructions to register or log into your cloud service.
5. Once the process is successfully completed, the Web storage icon or name appears in the Web storage area of the main screen.

6. From the main screen, select a connected device and then tap on the media that you would like to share.
 - A file with  in the upper-left indicates it is stored remotely on a Web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.

To de-register Web storage service:

1. From the Samsung Link application, press  and then tap **Settings** → **Registered storage**.
2. Select **Delete** → **Delete**.
3. Select a current storage service and tap **OK**.

Sharing Media over Samsung Link to a Target Device

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

1. Launch AllShare Play/Samsung Link on the target device (such as an Internet TV, Samsung Tablet, and so on).
2. From the Home screen, tap  **Apps** →  **Samsung** →  **Samsung Link**.

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

3. Tap  and select your device name from the **Registered devices** area.
4. Tap an available category tab (Pictures, Music, Movies, Files, or Info) and select a file.
 - A file with  in the upper-left indicates it is stored remotely on a Web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.

5. Tap an available on-screen file, image, or video to place a green check mark alongside it.
6. Tap  **Stream to connected devices** and select an available target device to begin streaming.
7. On a target device (ex: Internet TV) select the on-screen **Allow** button to continue.

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

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

Scrapbook

This application allows you to combine documents, images, and music into a digital scrapbook.

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



Scrapbook.

2. Tap **Start** and follow the on-screen tutorials.

SketchBook for Galaxy

This application allows you to explore your imagination through sketches using Autodesk SketchBook application and S Pen.

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



Galaxy Plus →



SketchBook for Galaxy.

2. Follow the on-screen tutorials.

Story Album

With Story Album, you can create a digital Album of your story in media. Special moments display on a timeline, and if you wish, you can have your album published as a hard copy.

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



Samsung →



Story Album.

2. Read the introductory information and tap **Next**.
3. Tap **Start** to begin your Story Album.
4. Follow the on-screen instructions.
5. Press  and then tap **Help** for additional information.

TripAdvisor

With the TripAdvisor, you can plan and have your perfect trip. With over 75 million reviews and opinions by travelers, it is easy to find the best hotels, restaurants, and fun things to do.

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



Galaxy Plus →



TripAdvisor.

2. Sign in with your Samsung Account if you have not already done so.
3. Follow the on-screen instructions to use TripAdvisor.
4. Press  for additional options.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message.

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



Samsung →  **Voice Recorder**.

2. Following are the playback controls:



Record to record an audio file.



Stop to stop recording. The file automatically saves to the Voice list.



Pause to pause the recording of an audio file.



Cancel to cancel the recording of an audio file.



Bookmark to bookmark the current recording.



List to display a list of current recordings.



Recording quality to adjust the recording quality. Choose from: Normal or High quality recording.

3. From the Recorded files page, press  and then select one of the following:

- **Share via** and select a method in which to share this audio file. Selections are: Add to Dropbox, Bluetooth, ChatON, Email, Evernote - Create Note, Gmail, Messages, or Wi-Fi Direct. Refer to each specific section, depending on the method you selected to send this voice recording.
- **Delete**: allows you to delete 1 or more voice recordings. Tap the recordings to delete and tap **Delete**.
- **Change category**: allows you to assign the currently selected recording to a user-created category entry.
- **Sort by**: allows you to sort the current list by either: Date (most recent), Date (oldest), Name, or Category.
- **Search**: allows you to search for key terms within the existing list.
- **Manage categories**: allows you to existing user-created category entries.

- **Settings:** the following settings are available:
 - **Storage:** allows you to choose where your recordings are saved. Select between Phone or memory card.
 - **Recording quality:** allows you to set the recording quality to High or Normal.
 - **Contextual filename:** (requires GPS tagging) allows you to adjust the filename based on contextual information such as your current GPS location.
 - **Default name:** allows you to choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, and so on.
 - **Noise reduction:** allows you to activate/deactivate background noise suppression.
 - **Logo display:** allows you to display a custom logo on the recording screen.
 - **Language:** allows you to select an available language for use with the voice memos.
 - **Channel:** allows you to assign recording mode to either Mono or Stereo.
 - **Skip interval:** allows you to assign a skip length.

- **End:** allows you to exit the application.

WatchON

Important! Before initiating use, verify you have an active Internet connection available (either mobile network or Wi-Fi connection).

Note: Before beginning your initial WatchON application setup, confirm your TV is turned off.

Using WatchON

For more information, refer to www.samsungwatchon.com.

Initial Configuration

1. Sign into your Samsung account.
2. From the Home screen, tap  **Apps** →  **Samsung** →  **WatchON**.

Note: If you are not connected to an active Wi-Fi, you may be prompted to continue the set up process over a mobile network. Click **Connect** to proceed.

3. Select your desired country for your TV Guide's source listing and tap **Next**.
4. Enter your current zip code and tap **Done**. This zip code must correspond to the location of your desired TV and set top box.
5. From the **Find your TV service** screen, select a service provider from the available channel listing.
6. From the **Personalize** screen, you can either follow the on-screen prompts to personalize your desired content or tap **Skip** to continue without customizing your content.
7. Read the on-screen Peel Disclaimer agreement and tap **Agree** to complete the set up process.

Customizing Your Remote



1. From the top of the main screen, tap **Remote Control** → **Set Up Now**.

2. From the **Select your TV brand** screen, tap your TV's manufacturer name.

- If you have a brand of TV not listed or you are using a projector, select from one of the following two options. Choose from either **Other TV Brands** or **I Have a Projector**.

3. Aim your device at the TV and tap  **Power** to confirm the set up process completed successfully and the correct TV IR codes were selected.

Note: The process of the initial TV activation can take up to 10 seconds. Please do not press the button again.

4. If the TV turned on, tap **Yes, this code works**.

– or –

If the TV did not turn on after tapping  **Power** and waiting 10 seconds, tap **No, test next code** or **Send this code again**.

5. From the **Select your channel source** screen, select the entry that corresponds to your current channel control method:

- **Set-top Box**: selected when channel changes are accomplished using a receiver box. Channels are not changed with the TV remote but rather through the receiver/box.
- **My xxx TV**: selected when a signal is fed directly into the TV and no box is used. Channels are changed directly on the TV by using the TV remote and not a box's remote.

Note: Try matching your current channel selection method.

6. Select the Satellite Box Brand from the available list. For example, DirectTV®.

- If your brand does not display in the list, tap **Show other brands** and follow the on-screen instructions.

Important! You must configure your set top box for IR communication with your device. If you do not select **More Info..** below and follow the on-screen instructions you may not be able to properly use the application.

7. When prompted to Enable IR, tap **More Info** to learn how to configure your set top box to receive and respond to IR controls.

8. Only after completing the IR setup process and programming your box, press  (**Back**).

Note: This IR programming of your set top box is a one-time process and once successful should not need repeating.

9. If prompted to personalize your experience, follow the on-screen instructions.

Using WatchON

To change channels:

1. Sign into your Samsung account.
2. From the Home screen, tap  **Apps** →  **Samsung** →  **WatchON**. 
3. From the top of the main screen, tap  (**Remote Control**). This launches an on-screen set of remote control tabs. Choose from one of the following:
 - **Easy remote**: provides the most common used control features. Scroll down to view additional functions.
4. Tap the bottom of the screen to access additional remote tabs Choose from one of the following:
 - **TV**: provides access to control functions specific to your TV.
 - **[Set top box]**: displays customized control specific to your configured set top box. Ex: satellite dish remote control functions.
5. From the remote screen press  and then tap  (**Change Room**) to choose from different receivers/boxes in different rooms. Ex: Living Room box, Bedroom box, and so on.
6. Press  (**Back**) to return to the main menu.

Locating your favorite programming:

1. Sign into your Samsung account.
2. From the main WatchON screen, tap   **Combined View** to reveal available media categories.
3. Select an available category.
– or –
Tap **Channel Guide** to display on your TV an on-screen listing of available set top box shows.

For additional information on the WatchON application, press  and then select **Help**.

WatchON Settings

- From the main WatchON screen, press  and then select an available on-screen option:
 - **Change Room:** allows you to select a previously configured room.
 - **Edit channels:** allows you to add or remove channels from your custom list. Press and hold a channel number to update the channel entry.
 - **Settings:** provides access to the Samsung WatchON settings menu.
 - **About:** displays on-screen information about the application.
 - **Help:** displays on-screen help information.

Personalize WatchON

You can personalize your application to do things such as show content only from your selected media categories, or add an additional room's set top box.

To configure your Just for you settings:

The Just for you option displays available content matching your activated media categories. These categories can be configured during your initial set up or at any later time.

1. Sign into your Samsung account.

2. From the main WatchON screen, tap  **Combined View** → **Just for you**.
3. From the **On TV** tab, press  and then select **Settings**.
4. Access parameters such as **Basic info**, **Genres** and **Sports** to then configure and enable those parameters you would like to show in the Just for you tab.

To add a new room:

Your device can be used to control boxes/receivers from several rooms. You could go from controlling your set top box in your living room and then move into your bedroom to do the same.

1. Sign into your Samsung account.
2. From the main WatchON screen, tap the **On TV** tab
3. Press  and then select **Settings** → **Add room**.
4. Name the new room and tap **Next**.
5. Enter your current zip code and tap **Done**. This zip code must correspond to the location of your desired TV and set top box.

Follow the steps from page 109 to complete the process.

Verizon folder

The Verizon folder is a pre-defined apps folder that you can add as a shortcut to any of your Home screens.

Caller Name ID

Subscribe to Caller Name ID to identify unknown callers by Name, Picture, and City & State.

Note: Caller Name ID requires a subscription.

- From the Home screen, tap  **Apps** →  **Verizon** →  **Caller Name ID**.

Mobile HotSpot

Provides access to the Tethering and Mobile HotSpot menu where you can use either the USB tethering or portable HotSpot functionality.

1. From the Home screen, tap  **Apps** →  **Verizon** →  **Mobile HotSpot**.
2. Activate the desired connection method.

For setup information see either “*Tethering*” on page 165 or “*Mobile Hotspot*” on page 161.

For Mobile Hotspot usage information see “*Mobile Hotspot*” on page 161.

My Verizon Mobile

View details and manage your Verizon Wireless account.

Note: No airtime or minute charges apply when accessing My Verizon Mobile.

- From the Home screen, tap  **Apps** →  **Verizon** →  **My Verizon Mobile**.

NFL Mobile

Play the popular game on your phone.

- From the Home screen, tap  **Apps** →  **Verizon** →  **NFL Mobile**.

Setup Wizard

Use the Setup wizard to quickly configure your phone.

- From the Home screen, tap  **Apps** →  **Verizon** →  **Setup wizard**.

Slacker

Listen to your Slacker Radio station on your device.

1. From the Home screen, tap  **Apps** →  **Verizon** →  **Slacker**.
2. Begin selecting the music you want to listen to.

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

Verizon Tones

Preview, purchase, and download ringtones and ringback tones.

Note: Airtime or download charges may apply.

1. From the Home screen, tap  **Apps** →  **Verizon** →  **Verizon Tones**.
2. The first time you launch the app, you'll be prompted to create a profile. Follow the prompts to install and use the app.

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.

- From the Home screen, tap  **Apps** →  **Verizon** →  **Voicemail**.

Note: For more information about setting up and checking voicemail, see “*Voice Mail*” on page 12.

VZ Navigator

Use VZ Navigator® to find, share and navigate to millions of locations, avoid traffic and drive or walk with ease.

Note: VZ Navigator requires service activation. Contact Verizon Wireless for more information.

- From the Home screen, tap  **Apps** →  **Verizon** →  **VZ Navigator**.