Samsung GALAXY S® III

4 G LTE SMARTPHONE

User Manual

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



SAMSUNG 1021

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Your phone features earSmart™, an intelligent voice processor that delivers a clear voice experience, allowing you to **hear and be heard**™ in nearly any environment. earSmart technology uses the science of human hearing to distinguish sounds, identify your voice and suppress surrounding noise, for clear conversations just about anywhere.

How Does It Work?

- The earSmart voice processor in your phone captures your voice and all the sounds around you.
- Working like the human ear, it processes and distinguishes these sounds, isolates your voice conversation, and removes background noise - from both ends of a call.
- It also automatically equalizes and adjusts voice volume so you can hear and talk naturally, even in the noisiest places.
- With earSmart technology, you can talk where you want, and have clear conversations for mobile calls, video chats, even speakerphone calls, without worrying about surrounding noise.

Online Legal Information

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

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

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

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

Online at: www.samsung.com/us/Legal/SamsungLegal-EULA1.

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Mobile TV 167
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Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

Setting Up Your Phone

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD™ card slot is also located in this same internal area.

1. Remove the back cover by inserting a fingernail into the slot on the top of your phone (1).



2. Lift the cover up (2) and away from the phone (3).



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

Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

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

- Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.
  - Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.



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

Installing the Battery

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



Removing and Installing the Memory Card

You can use a microSD™ (SD) or microSDHC™ card to expand available memory space if you desire. This secure digital card enables you to exchange images, music, and

data between SD-compatible devices. This type of memory card is designed for use with this mobile phone and other devices.

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

Installing the Memory Card

- Push the microSD card into the slot until it clicks (as shown).
  - Make sure the microSD's gold contact pins face downward and the card is securely inserted.



For more information on Memory Cards, see *"Memory Card"* on page 35.

Removing the Memory Card

1. Push on the memory card until it clicks and is released.
2. Grasp the memory card and remove it from the phone.

Installing the Back Cover

1. Place the battery cover onto the back of the phone (1) and press down (2).



2. Press along the edge of the back cover (3) until you have a secure seal.



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

Charging a Battery

Your device is powered by a rechargeable Li-ion battery. The Travel Charger that is used to charge the battery, is included with your device. Use only Samsung-approved batteries and chargers.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

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

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

Using the Travel Charger

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



1. Plug the flat end of the Travel Charger into the Power/ Accessory Interface connector and the other end into a standard AC wall outlet.
2. When charging is finished, remove the flat end from the interface connector jack on the phone.

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

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

Low Battery Indicator

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

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

Switching the Phone On or Off

1. Press and hold Power until the phone switches on.
2. Swipe your finger across the screen to unlock the phone.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Changing Your Settings"* on page 79.

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3. To switch off the phone, press and hold Power, until the **Device options** screen displays.
4. Tap **Power off** to switch off the phone.
5. At the **Power off** prompt, tap **OK**.

Locking and Unlocking the Touch Screen

1. Press Power to lock the touch screen.
2. Press Power again to display the lock screen then swipe your finger across the screen to unlock.

Configuring your Phone

When you first turn on your phone, you will need to set up a few things.

1. The **Welcome** screen displays. The default language for your phone is English. If you would like to select another language, tap **English** and scroll up or down to select one of the listed languages.
2. Tap **Start** and follow the instructions on each screen to set up your phone.

Creating a Samsung Account

An active Samsung account is required to begin accessing applications such as ChatON and Samsung Link.

1. From the home screen, press and hold the Notification Panel until the pull-down displays, then drag down vertically. For more information, refer to *"Notification Panel"* on page 19.
2. Tap **Samsung account**.
3. Tap **Create new account**.
4. Follow the on-screen instructions to create and activate your account.

Creating a New Google Account

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

If you did not create a new account during the setup procedure when you first turned your phone on, follow these steps:

1. From the Home screen, tap → **Gmail** .
   The **Add a Google Account** screen displays.
2. Tap **New** to create a new Google account.
   – or –
   If you already have a Google account, tap **Existing** to sign in and add the account to your phone.
3. Follow the on-screen instructions to add a Google Account.

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

Setting Up Your Voice Mail

1. From the Home screen, tap , then tap .
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From the Home screen, tap , then tap .
   You may be prompted to enter a password.
2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail From Another Phone

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

Section 2: Understanding Your Phone

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

Features of Your Phone

Your phone is lightweight, easy-to-use and offers many useful features. The following list outlines a few of the features included in your phone.

- 4G LTE network with 1.5 gigahertz dual core processor
- 4.8" HD Super AMOLED® screen (1280x720)
- Android v 4.4.2, KitKat Platform
- Galaxy Gear™ compliant. For more information, please visit: www.samsung.com/us/galaxygearsupport
- Touch screen provides quick response to a variety of in-phone menus and options including applications, multi-windows and up to seven home screens.
- Virtual (on-screen) QWERTY keyboard
- Ready access to the Internet
- Built-in Bluetooth and advanced Wi-Fi® technology
- USB Tethering-capable
- Mobile Hotspot Capability
- 8 Megapixel Camera and Camcorder with auto focus and digital zoom and 1.9 Megapixel Front Facing camera for Video Chat
- AT&T GPS Navigation functionality provides real-time navigation
- Expandable memory slot
- Corporate and Personal Email
- Sync and update social network applications
- Thousands of Apps available to download
- Access to Movies and TV Shows with Samsung Hub
- Full Integration of Google Mobile™ Services (Gmail, YouTube, Google Maps, Google Voice Search)
- Multiple Messaging Options: Text/Picture/Video Messaging, and Instant Messaging with Google Hangouts
- Video with Full HD 1080p recording and playback
- Samsung Link to share your media content across DLNA certified devices

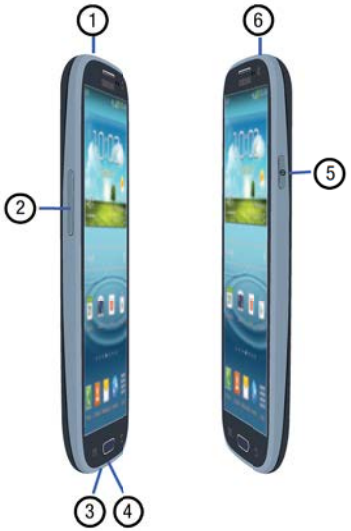
Front View of Your Phone



1. **LED indicator**: displays red when charging, green when fully charged, blue when powering up, and orange when a notification has arrived.
2. **External speaker**: allows you to hear the caller.
3. **Application icons**: you can place shortcuts to your favorite applications on the Home screen.
4. **Primary shortcuts**: allows quick access to important features such as Phone, Contacts, Messaging, Internet, and Apps.
5. **Menu key**: allows you to access sub-menus with additional options for different features and applications such as Home screen, Phone, Contacts, Messaging, and Web.
6. **Home key**: allows you to return to the main Home screen from any Home screen or menu. Press and hold to display Task Manager. Quickly press twice to activate the S Voice application.
7. **Back key**: allows you step backwards when navigating a menu or web page. Press and hold to activate the Multi window feature.

8. **Home screen indicator**: shows which Home screen is presently displayed.
9. **Google Quick Search bar**: a shortcut to Google Search that allows you to search for items on the internet.
10. **AccuWeather screen**: displays Time, Day, Date, Temperature and weather conditions for your area.
11. **Indicator icons**: shows the information needed to operate your phone, such as the received signal strength, phone battery level, time, unread Emails, missed calls, etc.
12. **Front facing camera**: allows you to take pictures of yourself when you set the camera shooting mode to Self shot.
13. **Proximity and Light sensors**: uses the ambient light level to adjust keypad access. If the light path is blocked, for example, when holding the phone close to your ear, the touch screen will turn off.

Side Views of Your Phone



1. **3.5mm Headset jack**: allows you to plug in headphones.
2. **Volume keys**: allow you to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press down either volume key ( ) to mute the ring tone. Adjusts text size when reading a message or using the browser in the Apps folder.
3. **Power/Accessory Interface connector**: allows you to connect a Travel Charger or other optional accessories such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.
4. **Microphone**: allows other callers to hear you when you are speaking to them. It also used for the Speakerphone.
5. **Power/Lock key**: ( ) lets you power your phone on and off. Also allows you to lock or unlock the touch screen. For more information on locking your phone, see *"Locking and Unlocking the Phone"* on page 34.
6. **Microphone**: used for noise cancellation and stereo recording.

Rear View of Your Phone



1. **Flash**: is used to provide adequate light when taking pictures in dark places.
2. **External speaker**: allows you to hear when the Speakerphone is turned on.
3. **Camera lens**: is used to take pictures and shoot videos.

Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to *"Front View of Your Phone"* on page 13.

Indicator Icons

This list identifies the symbols you'll see on your phone's display and Indicator area:


Displays your current signal strength. The greater the number of bars, the stronger the signal.


Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.


Displays when there is no SIM card in the phone.


Displays when there is no network available.


Displays when there is a system error or alert.


Displays when your phone is in Blocking mode.


Displays when a call is in progress.


Displays when a call is on hold.


Displays when the speakerphone is on.


Displays when a call has been missed.


Displays when a call has been muted.


Displays when Call forwarding is set to Always forward.


Displays your battery charge level. Icon shown is fully charged.


Displays when your battery is charging. Also displays battery charge level.



Device Power Low – Shows your current battery charge level.



Device Power Critical – Shows your current battery only has less than 5 percent power remaining and will soon shutdown.



Displays when your connection to an EDGE network is active.



Displays when your phone is communicating with the EDGE network.



Displays when your connection to a UTMS, HSDPA, HSPA, or HSPA+ network is active.



Displays when your phone is communicating with the UTMS, HSDPA, HSPA, or HSPA+ network.



Displays when your connection to a 4G LTE network is active.



Displays when your phone is communicating with the 4G LTE network.



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



Displays when the an outbound file transfer is in progress.



Displays when a Play Store download has completed.



Displays when updates are available for download.



Displays when the phone is connected to a computer via a supported USB cable connection.



Displays when the phone is tethered via a supported USB cable connection.



Displays when a new text or multimedia message is received.



Displays when a new voice mail is received.



Displays when Email is received.



Displays in the notifications window when there is a new Gmail message.



Displays when the time and date for a Calendar Event has arrived. For more information, refer to *"Calendar"* on page 137.



Displays when you set an alarm to ring at a specified time. For more information, refer to *"Alarm"* on page 147.



Displays when the Sound profile is set to Mute.



Displays when the Sound profile is set to Vibrate.



Displays when Bluetooth is activated.



Displays when a Bluetooth device has been paired with the phone.



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



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



Displays when Wi-Fi Direct is active and your phone is connected to another device. It also displays when your phone as been configured as a portable Wi-Fi hotspot.



Displays when your device is currently sharing/ streaming media to a paired device using the Samsung Link application.



Displays when the Location feature is active and acquiring a signal.



Displays when Near Field Communication (NFC) has been activated.



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



Displays when TTY device has been inserted.



Displays when a screen capture has been taken.



Displays when the keypad is active.

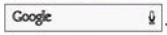


Displays when you have not yet set up a Samsung Account.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 79.

Google Search Bar

The Google Search Bar widget provides you an on-screen Internet search engine powered by Google™.

1. From the main home screen, tap the Google Search bar  .
2. Use the on-screen keypad to enter the item you want to search for, then tap  .
3. Tap  to use Google Voice Search. For more information, refer to *"S Voice"* on page 177.

Notification Panel

The Notification Panel includes a pull-down list to show information about processes that are running, recent notifications, and alerts. To display the Status indicator:

- On the Home screen, press and hold the Notification Panel until the pull-down displays, then drag down vertically.

Clearing Notifications

To clear all notifications from the Notification panel:

1. From the Home screen, press and hold the Notification Panel until the pull-down displays, then drag down vertically.
2. Tap the **Clear** button.

   The notifications are cleared and the panel closes.

Accessing Additional Panel Functions

In addition to notifications, this panel also provides quick and ready access to separate device functions. These Quick Settings can be quickly activated or deactivated by toggling them on or off.

The following settings can either be activated (green) or deactivated (gray): Wi-Fi, GPS, Sound, Screen rotation, Bluetooth, Power saving, Multi window, Screen Mirroring, S Beam, NFC, Sync, Smart stay, Blocking mode, Airplane mode, and Hands-free mode,

Changing the Quick Settings menu

To change which Quick Settings appear in the menu on the Notifications panel, do the following:

1. From the Home screen, press and hold the Notification Panel until the pull-down Notifications panel displays.
2. Tap **Menu** → **Edit** . The **Notification panel** screen displays.
3. Follow the prompts to select which Quick Settings icons appear in the Notifications panel and in what order.

Application Icons

Apps icons located on Home page panels provide quick access to the applications you use most frequently.

To open applications quickly, add the icons of frequently-used applications to the Home screen panels or to folders you create. For details, see *"Managing Shortcuts"* on page 20.

For information on navigating through the Apps icons, see *"Navigating Through the Application Menus"* on page 35.

1. From the Home screen, tap , then tap one of the application icons.
2. Follow the on-screen instructions.
3. To return to the main Home screen, tap .

Managing Shortcuts

Shortcuts activate a feature, action, or launch an application.

Note: You can move a shortcut from one Home screen page to another by dragging the shortcut to the new page. It is often easier, however, to first delete the shortcut from the current Home screen page, then navigate to the new page and add the shortcut.

Adding a shortcut with the Home screen menu

1. Press [Home] to display the main Home screen page.
2. Navigate to the desired Home screen page.
3. Press and hold on an empty area of the Home screen page. The **Home screen** menu pops up.
4. Tap **Apps and widgets**. The **Apps-Widgets** screen displays.
5. Tap the **Apps** tab. The Apps menu displays.
6. Press and hold an application icon from the available list and position it on the current Home screen page.

Adding a shortcut from the Apps Menu

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

Deleting a shortcut

1. Press [Home] to display the main Home screen page.
2. Press and hold the desired shortcut. This unlocks it from its location on the current Home screen page.
3. Drag the icon up to the **Remove** icon and release it. Both items turn red when placed in the trash.

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

Creating Application Folders

You can create application folders to hold similar applications if you wish.

To create a folder follow these steps:

1. Press [Home] to return to the main Home screen page.
2. Navigate to the Home screen page where you want to add a folder.
3. Tap **Menu** → **Create folder**.

4. Enter a folder name and tap **OK**. The new folder displays on the Home screen page.
5. Press and hold an application shortcut that you would like to move to a folder, then drag the application to the folder icon. The folder icon changes to indicate the added shortcut.
6. Repeat step 5 to add more apps to the folder.

To access shortcuts in a folder, follow these steps:

1. Press ▬ to return to the main Home screen page.
2. Navigate to the Home screen page where you have a folder.
3. Tap the folder. The folder opens to display a list of its app shortcuts.

Adding and Removing Primary Shortcuts

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

1. Press ▬ to return to the main Home screen page.
2. Navigate to a Home screen page it some empty space.
3. Press and hold the primary shortcut to replace, then drag it to an empty space on the Home screen page.
4. Scroll through the Home screen pages to find the shortcut you want to add as the new primary shortcut.
5. Press and hold the new shortcut, then drag it to an empty space in the row of primary shortcuts.

   The new primary shortcut displays on all Home screen pages.

Managing Widgets

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

Adding a Widget

1. Press ▬ to return to the main Home screen page.
2. Navigate to the desired Home screen page.
3. Press and hold on an empty area of the Home screen page. The **Home screen** menu pops up.
4. Tap **Apps and widgets**. The **Apps-Widgets** screen displays.
5. Tap the **Widgets** tab at the top of the screen.
6. Press and hold an available Widget to position it on the current page.

Removing a Widget

1. Press and hold a Widget until you can move it around on the Home screen page.
2. Drag the Widget up to the **Remove** icon and release it.

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

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

Changing the Wallpaper

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

1. From any Home screen page, press and hold on an empty area of the screen.

   The **Home screen** menu pops up.
2. Tap **Set wallpaper**. The **Set wallpaper** menu pops up.
3. Tap **Home screen**, **Lock screen**, or **Home and lock screens**.
4. Tap one of the following options:
   - **Gallery**: select a wallpaper from photographs you have taken with your camera.
   - **Live wallpapers**: select an animated wallpaper. This option is not available for the Lock screen option.
   - **Photos**: select a photo from your gallery to use as wallpaper. This option only displays for Home screen wallpaper.
   - **Wallpapers**: select from many still-life wallpapers.
5. Select a wallpaper and tap **Set wallpaper**, **Done**, or **Cancel**.

Moving Home Screen Panels

Your phone comes with seven Home screen pages. You can arrange the pages in any order that you want.

To move a Home screen page, follow these steps:

1. Press to return to the main Home screen page.
2. Tap **Menu** → **Edit page**.
3. Press and hold the page you want to move.
4. Drag it to the location that you would like to place it.

   When you move a Home screen page, the other pages are automatically re-ordered.
5. Press to return to the main Home screen page.

Adding and Deleting Home Screen Panels

You can delete Home screens and then add Home screens later if you want.

To delete a Home screen, follow these steps:

1. Press ▬ to return to the main Home screen page.
2. Tap **Menu** ▭ ➔ **Edit page**.
3. Press and hold the Home screen panel you want to delete.
4. Drag it to the **Remove** trash can icon located at the bottom of the screen.
5. If there are shortcuts or widgets on the Home screen panel you want to delete, the **Delete home screen page** prompt displays.
6. Tap **OK** to delete the page and its contents, otherwise tap **Cancel**.
7. Press ▬ to return to the main Home screen page.

To add a Home screen, follow these steps:

1. Press ▬ to return to the main Home screen page.
2. Tap **Menu** ▭ ➔ **Edit page**.
3. Press and hold the Home screen that contains ⊕ and drag it to the new location.

Note: The ⊕ icon will only be displayed if a Home screen has previously been deleted.

4. Press ▬ to return to the main Home screen page. You can now add items to your new Home screen page.

Using the Multi Window

This feature allows you to run multiple applications on the current screen at the same time.

Note: Only applications found within the Multi window panel can be active atop another current application on the screen. When launching applications that contain multimedia files (music/video), audio from both files will be played simultaneously.

Activating and Deactivating Multi window

There are two different ways you can activate and deactivate the Multi window feature:

To activate Multi window via the Notification screen:

1. In a single motion, touch the Status bar to reveal the Notifications tab, and then drag it to the bottom of the screen to open the Notifications screen.
2. Swipe the row of icons to the left until the Multi window icon is displayed.
3. Tap the **Multi window** entry to activate the feature. The icon turns green when active.
4. Tap **Home** to return to the Home screen.
5. Tap the tab to open the application panel showing all the available Multi window apps.

Note: Once you have turned the Multi window option on in step 3, you only need to press and hold the **Back** key ( ) to re-activate the Multi window feature.

To deactivate Multi window:

- Press and hold the **Back** key ( ). This action hides the Multi window tab from view.

Repositioning the Multi Window

The Multi window contains two components: tab and apps panel. The tab can be manually moved across the screen. The apps panel (containing the scrollable apps) can be relocated to lock onto the different sides of the screen (top/bottom/left/right).

To move the tab:

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

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

To relocate the Multi window apps panel:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).

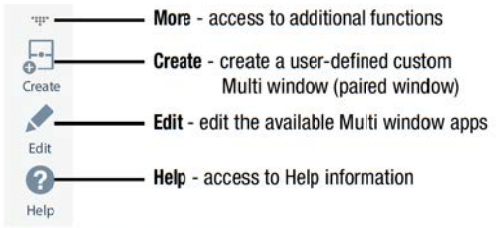
3. In a single motion, touch and hold the tab for approximately one-second to detach it from the screen, then slowly drag it to its new location along either side.

Customizing the Multi Window apps

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

To rearrange the Multi window applications:

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



To edit a Multi window application:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).
3. Tap **More** → **Edit** (located at the bottom of the list) to reveal a staging area (on the right) that can house any removed applications from the Multi window panel.
4. Tap **Done** once you have completed the removal process.

To remove a Multi window application:

1. Activate the Multi window feature.
2. Tap the tab to display the apps panel (containing the scrollable apps).
3. Tap **More** ➔ **Edit** button (located at the bottom of the list) to reveal a staging area that can house any removed applications from the Multi window panel.
4. Tap **Done** once you have completed the removal process.

To restore a Multi window application:

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

Using Multi Window to run multiple apps on the same screen

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

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

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

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



In this example we will be launching both the Internet and Maps applications.

1. Launch an application such as Internet.
2. Activate the Multi window feature.
3. Tap the tab to display the apps panel.
4. Touch and hold the desired app, such as Maps, until it detaches from the panel.
5. In a single motion, drag it over the current app and drop the new Multi window app over either the top or bottom area of the current on-screen app.

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

To switch applications:

1. Tap the desired application area (top or bottom) that you would like to switch out with another application.
2. With the two applications shown in a split screen, tap the Border button to show the on-screen functions.
3. Locate and tap **Switch application**.
4. Scroll through the list of applications you already have open and tap the one you wish.

   The new application replaces the old one.

To switch windows: (swap the locations)

1. Tap the desired application area (top or bottom).
2. With the two applications shown in a split screen, tap the Border button to show the on-screen functions.
3. Locate and tap **Switch window**. The location of the current apps are switched.

To drag and drop content:

You can drag and drop text and images in selected applications.

1. With the two applications shown in a split screen, tap one of the two on-screen apps to select it.
2. Tap the Border bar to show the on-screen icons.
3. Locate and tap **Drag and drop content**.
4. Drag text or images from one app and drop them in the other app.
5. If an application does not support Drag and drop, then **Not supported** is displayed.

To close a selected application:

1. With the two applications shown in a split screen, tap one of the two on-screen apps to select it.
2. Tap the Border bar to show the on-screen icons.
3. Locate and tap **Close application**. The current app is closed and the remaining app is maximized.

To increase the size of a desired application window:

1. With the two applications shown in a split screen, locate the Border bar indicating the edge of the app window.
2. In a single motion, touch and hold the Border bar then drag it to resize the desired window.

Menu Navigation

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

Command Keys

Menu Key

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

Home Key

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

Back Key

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

Terms used in this user manual

The following terms are using throughout this manual:

Tap

Lightly touch items to select or launch them. For example:

- Tap the on screen keyboard to enter characters or text.
- Tap a menu item to select it.
- Tap an application's icon to launch the application.

Press and Hold

Activate on-screen items by a press and hold gesture. For example:

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

Swipe and Palm Swipe

To swipe, lightly drag your finger vertically or horizontally across the screen. Use swipe when:

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

To palm swipe, swipe the side of your hand horizontally across the screen. Use palm swipe when:

- Capturing the screen

Panning

To pan, press and hold a selected icon, then move the device to the left or right to reposition it to another page. You must first activate Motion on your device. Use panning to:

- Move icons on your Home screens or Application Menus to another page.

For more information, refer to *"Motion"* on page 108.

Pinching

Use a pinching motion on the screen to zoom out when viewing pictures or a Web page.

Spread

Using your thumb and forefinger, spread your fingers apart to zoom in when viewing pictures or a Web page.

Tilt

To activate the tilt feature, press and hold two points on the screen then tilt the device back and forth to reduce or enlarge the screen. Use tilt to:

- Reduce or enlarge the screen in the Gallery or Browser.

For more information, refer to *"Motion"* on page 108.

Turn over

Turn your phone over so that the screen faces downward. For example:

- Mute incoming calls and playing sounds by turning your phone over.

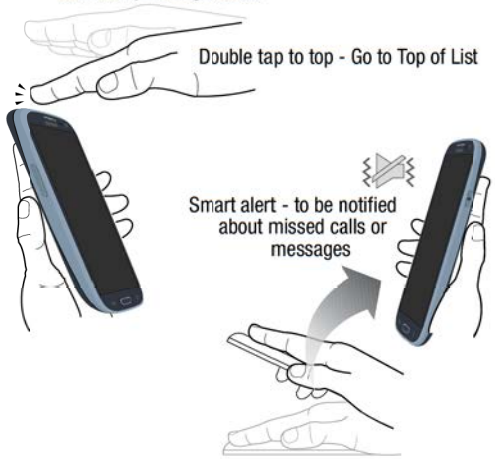
Using Gestures

By activating the various gesture features within the Motion Settings menu, you can access a variety of time saving functions.

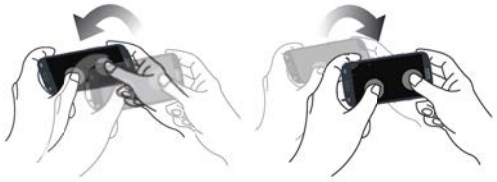
To activate motion:

1. From the Home screen, press and then tap **Settings** → **My device** → **Motion**.
2. Tap the ON/OFF icon ON located to the right of Motion to activate it.
3. Tap the checkbox next to each motion option to activate it.

The following is a description some of the most commonly used gestures:



Tilt to Zoom In and Zoom Out



- **Direct call**: Once enabled, the device will dial the currently displayed on-screen Ccntact entry as soon as you place the device to your ear.
- **Smart alert**: Once enabled, pickup the device to be alerted and notified of you have missed any calls or messages.
- **Double tap to top**: Once enabled, double tap the top of the device to be taken to the top of the current on-screen list.
- **Tilt to zoom**: Once enabled, you must be on a screen where content can be zoomed. In a single motion, press and hold two points on the display then tilt the tilt the device back and forth to zoom in or out.

- **Pan to move icon**: Once enabled, press and hold a desired application shortcut icon or widget on the screen. Once it detaches, move the device left or right to migrate it to a new location.
- **Pan to browse images**: Once enabled, press and hold a desired on-screen image to pan around it. Move the device left or right to pan vertically or up and down to pan horizontally around the large on-screen image.
- **Shake to update**: Once enabled, shake your device to re-scan for Bluetooth devices, re-scan for Wi-Fi devices, Refresh a Web page, etc.

Shake to Update/Refresh



Palm swipe to Screen Capture



- **Turn over to mute/pause**: Once enabled, mute incoming calls and any playing sounds by turning the device display down on a surface. This is the opposite of the Pickup to be Notified Gesture.
- **Palm swipe to capture**: Once enabled, you can capture any on-screen information swiping across the screen. In a single motion, press the side of your hand on the screen and swipe form left to right. The image is then copied to the clipboard.

- **Palm touch to mute/pause**: Once enabled, you can pause any on-screen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the device goes back to normal by either continuing to play the current video or unmuting the current sound.

For more information, refer to *"Motion"* on page 108.

Locking and Unlocking the Phone

To unlock your phone:

1. Press the lock button located on the upper right side of your phone.
2. The lock screen displays with **Swipe screen to unlock** displayed at the bottom of the screen.
3. Swipe the screen in any direction.
4. The Home screen displays.

Note: There are several additional ways you can lock your screen. For more information, refer to *"Lock screen"* on page 89.

Home Screen Overview

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

Navigating Through the Home Screens

Your phone initially has seven home screens. If you like, you can place different applications on each of the home screens.

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

Navigating Through the Application Menus

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

1. At the Home screen, tap  . The first Application Menu displays.
2. Sweep the screen left or right to access the other two menus.
3. Tap one of the application icons.

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

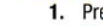
Navigating Using Sub-Menus

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

To access a sub-menu:

1. Navigate to a desired screen, then tap **Menu**  .
   A sub-menu displays at the bottom of the phone screen.
2. Tap an option.

Accessing Recently-Used Apps

1. Press and hold  from any screen to open the recently-used applications window.
2. Tap an icon to open the selected application.
   – or –
   Tap  to go to the Task manager.
   – or –
   Tap  to go to Google Search.
   – or –
   Tap  to delete the record of all recently used applications.

Memory Card

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

Mounting the SD Card

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

1. Insert the SD card into the external, SD card slot. For more information, refer to *"Removing and Installing the Memory Card"* on page 6.
2. Your SD card is scanned to see the available information on it.

Unmounting the SD card

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

1. From the Home screen, tap → **Settings** → **More** → **Storage**.
2. Scroll to the bottom of the display and tap **Unmount SD card**.
3. Tap **OK**.

   For more information, refer to *"Removing and Installing the Memory Card"* on page 6.

SD card Available Memory Status

To view the memory allocation for your external SD card:

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

Erasing Files from the SD card

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

1. Ensure the SD card is mounted. For more information, refer to *"Mounting the SD Card"* on page 36.
2. From the Home screen, tap → **Settings** → **More** → **Storage**.
3. Tap **Format SD card**.
4. At the **Format SD card** confirmation prompt, tap **Format SD card**.

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

5. Tap **Delete all** to format or press ⮌ to cancel.

Entering Text

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

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

Text Input Methods

There are three text input methods available:

- **Google voice typing**: allows you to enter text by speaking.
- **Samsung keyboard** (default): Samsung's on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype**: a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.

To change the input method, see *"Keyboards and Input Methods"* on page 104.

Entering Text Using the Samsung Keyboard

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



Changing the Text Input Mode - Keypad

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

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

123 Sym **Symbol/Numeric Mode**: activates the number, symbol, and emoticon keys.

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

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

Using ABC Mode

1. If desired, rotate your phone counterclockwise to a Landscape orientation.
2. Tap the desired alphabetic characters.
3. The screen initially opens in ABC mode. After typing the first letter, the shift key (⬆) will change to ⬆ and following letters will be lowercase.

4. Tap ⬆ to input another upper-case letter or tap ⬆ twice to switch to ABC mode. The shift key will change to ⬆ in ABC mode. All following letters will be uppercase until you tap the shift key again.

Using Symbol/Numeric Mode

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

1. Rotate your phone counterclockwise to a Landscape orientation.
2. Tap 123 Sym at the bottom of the screen.
3. Tap the desired number, symbol, or emoticon characters.
4. Tap the 1/2 button to access additional symbols.
5. Tap ABC to return to Abc mode.

Predictive Text

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

1. Press and hold , on the keyboard, then tap ⚙.

2. Tap the ON/OFF slider, located to the right of the **Predictive text** field, to ON.
3. In the text portion of the message screen, begin typing a word. A list of word options displays. Tap one of the words to replace the word that has already been typed or scroll the line of words to the left for more word choices.
4. Continue typing your message. Tap to send the message or press for more options. For more information, refer to *"Creating and Sending Messages"* on page 68.

Note: You can also use Predictive Text mode in the portrait orientation.

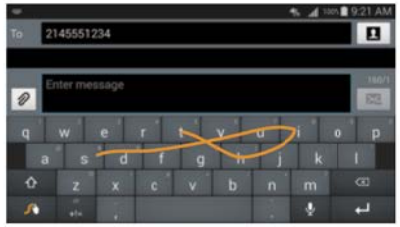
Samsung Keyboard Settings

For information on how you can configure your Samsung keyboard settings, see *"Samsung Keyboard settings"* on page 104.

Entering Text Using Swype

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

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



Enabling and Configuring Swype

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

To enable Swype:

1. From a screen where you can enter text, touch and drag  down from the Notifications area then tap **Choose input method**.
2. Tap the **Swype** radio button.

   The Swype keyboard displays.

Swype Settings

For information on how you can configure your Swype settings, see *"Swype settings"* on page 105.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

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

Using the Google Voice Typing Feature

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

1. Tap  on the keyboard.
2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
3. If the red microphone turns gray, then the feature has timed out and you should tap the microphone icon to start again.

   The text is displayed in the message as you are speaking.
4. After you have quit speaking for several seconds, tap  to return to the keyboard.

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

Section 3: Call Functions

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

For more information, refer to *"Sound Settings"* on page 92.

Displaying Your Phone Number

- Tap → **Settings** → **More** → **About device** → **Status**. Your phone number is displayed in the **My phone number** field.

Making a Call

1. From the Home screen, tap and use the on-screen keypad to enter the number you wish to dial.
2. Tap to make the call.

Note: When you activate the **Auto redial** option in the Voice Call menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. For more information, refer to *"Call settings"* on page 52.

Making an International Call

1. From the Home screen, tap , then press and hold 0 +. The **+** character displays.
2. Use the on-screen keypad to enter the country code, area code, and phone number.
3. Tap until the desired numbers are deleted, if you make a mistake.
4. Tap to call.

Manual Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

1. From the Home screen, tap and use the on-screen keypad to enter the phone number.
2. Tap **Menu** to display the dialer sub-menu.
3. Tap **Add 3-sec pause** to add a three-second pause, and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than three seconds by entering multiple 3-second pauses.

4. Select **Add wait** to add a wait. A wait will pause the calling sequence until you enter a number or press a key.
5. Tap  to make the call.

For more information, refer to *"Adding Pauses to Contact Numbers"* on page 56.

Correcting an Entered Number

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

After entering a number using the keypad:

- Tap  to erase a single character.

  – or –

  Press and hold  to erase the entire string of numbers.

Ending a Call

- Tap the  key.

Dialing a Recent Number

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

1. From the Home screen, tap .
2. Tap the **Logs** tab.

   A list of recent calls displays.
3. Tap the desired call entry to view the call details screen, then tap  to make a call.

Making Emergency Calls

If you do not have a SIM card installed the first time you turn on the phone, the **Insert SIM card to make calls** message displays and an animated tutorial shows you how to install the SIM card.

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

Making an Emergency Call without a SIM card

1. Tap **Emergency call** from the on-screen display to make an emergency call.
2. Enter 9-1-1 and tap . Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Tap to exit this calling mode.

Making an Emergency Call with a SIM card

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

1. From the Home screen, tap .
2. Enter the emergency number (ex: 911) and then tap .

Making a Call Using Speed Dial

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

1. From the Home screen, tap **Contacts** to display your Contacts List.
2. Tap **Menu** to display the Contacts List sub-menu.
3. Tap **Speed dial setting**.
4. The **Speed dial setting** screen displays showing the numbers 1 through 100. The number 1 is reserved for Voicemail.
5. Tap an unassigned number and the **Select contact** screen displays.
6. Select a contact to assign to the number. The selected contact's name and photo ID display in the speed dial number box.
7. Tap **Menu** to display the Speed dial setting sub-menu to delete a speed dial number or change the order.
8. Tap **Change order** or **Remove**.
9. Tap → **Keypad** and from the Dialer, press and hold the speed dial number to make a call using Speed Dial.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 57.

Answering a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the Address Book.

At the incoming call screen:

1. Touch and drag in any direction to answer the call.
2. Touch and drag in any direction to reject the call and send it to your voicemail.
3. Touch and drag the **Reject call with message** tab upward and tap a predefined text message to send to the caller.
   - I'm driving
   - I'm at the movie theater
   - I'm in class
   - I'm in a meeting
   - Sorry, I'm busy. Call back later.
   - **Create new message** to compose a new message.
4. Tap Send to send the reject call message.
5. Tap to end the call.

Note: You can answer a call while using the Address Book or other menu feature. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From the Home screen and Application menus, you have the option to access the Dialer and initiate a call by tapping **Phone** → **Keypad**. From the Dialer and the Contacts screen, the following tabs are located at the top of your screen:

- **Keypad**: dials the current number entered using the on-screen keypad.
- **Logs**: displays a list of all dialed, received, and missed calls.
- **Favorites**: displays your contacts that you have marked as Favorites.
- **Contacts**: takes you to your Address Book where you can select a contact to call.

After you begin to enter numbers, the **Add to Contacts** option displays so you can save the Contact if needed.

Call Log

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

1. From the Home screen, tap .
2. Tap the **Logs** tab.

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

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

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

Calling Back a Missed Call

To call back a missed call number:

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

   A list of recent calls displays. If the number or caller is listed in your Address Book, the associated name displays.
2. Swipe the desired missed call to the right to **Call**.

   – or –

   Swipe the desired missed call to the left to **Message**.

Saving a Recent Call to your Address Book

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

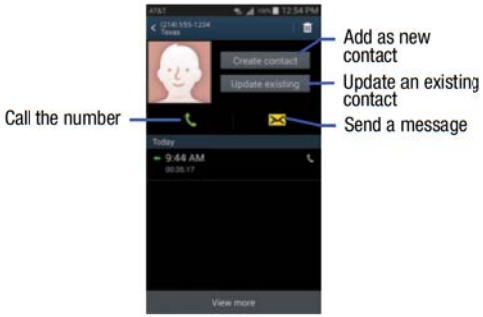
   A list of recent calls displays.
2. Tap the call you want to save to your Address Book.

   The call detail page displays.
3. Tap **Create contact** to add the call to your Address Book.

   The Create contact screen displays.

   – or –

   Tap **Update existing** If you want to replace the number for an existing contact.



4. Enter information into the various fields using the keypad.
5. Tap **Save** to save when you are finished.

For further details about the **Address Book** feature, see *"Adding a New Contact"* on page 54.

Sending a Message to a Recent Call

1. From the Home screen, tap → **Logs**.
   A list of recent calls displays.
2. Swipe the entry you want to message to the left.
3. At the **New message** screen, tap the empty text field and use the on-screen keypad to type in a message.
4. When you are done with your message, tap to send.
   For more information, refer to *"Creating and Sending Messages"* on page 68.

Deleting a Call from the Call Log

1. From the Home screen, tap → **Logs**.
   A list of recent calls displays.
2. Press and hold the call you want to delete from the Call log.
3. Tap **Delete**.
4. At the **Delete log** prompt, tap **Delete**.
   The call is deleted from the Call log.

Adding a Call to the Reject List

1. From the Home screen, tap → **Logs**.
   A list of recent calls displays.
2. Press and hold the call to add to the Reject List.
3. Tap **Add to reject list**.

4. At the **Add to reject list** prompt, tap **OK**.

   Future calls from this number are rejected and sent to voicemail.

Call Duration

1. From the Home screen, tap → **Logs**.
2. Tap **Menu** → **Call duration**.
3. The following times display for Voice and Data:
   - **Last call**: shows the length of time for the last call.
   - **Dialed calls**: shows the total length of time for all calls made.
   - **Received calls**: shows the total length of time for all calls received.
   - **All calls**: shows the total length of time for all calls made and received.
4. Tap **Menu** then tap **Reset** to reset the times to zero.

Options During a Call

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

Adjusting the Call Volume

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

- Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

  – or –

  Quickly add more volume to the incoming audio by tapping the on-screen **Extra volume** button.

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

In-Call Options

During an active call there are several functions available by tapping a corresponding on-screen button.

- **Hold**: place the current active call on hold.
- **Extra volume**: increases volume to the ear piece to compensate for weak sound from the other party to the current active call.
- **Add call**: displays the dialer so you can call another person.
- **Keypad**: displays the on-screen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **End call**: terminates the call.

- **Speaker**: routes the phone's audio through either the speaker or through the earpiece.
  - Tap **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line displays under the Speaker button.
  - Tap **Speaker** again to use the phone's earpiece (see *"Using the Speakerphone During an Active Call"* on page 51). The green line disappears when the Speaker is inactive.
- **Mute/Unmute** turn the onboard microphone either on or off.
  - Tap **Mute** during a call to mute the microphone. A green line displays under the Mute button.
  - Tap **Mute** again to unmute the microphone. The green line disappears when Mute is inactive.
- **Headset** connects to a Bluetooth headset.
  - Tap **Headset** during a call to activate a Bluetooth headset. A green line displays under the Headset button.
  - Tap **Headset** again to de-activate the Bluetooth headset. The green line disappears when the Headset is inactive.

- Press **Menu** for more options:
  - **Contacts**: allows you to go to your Contact list.
  - **Memo**: allows you to jot down a memo during a call.
  - **Message**: allows you to create a text message during a call.

Personalizing the Call Sound Setting

During a call it may be necessary to adjust the sound of the incoming call by selecting an audio equalizer setting for the current call.

1. From the call screen, tap .
2. Confirm the option is enabled .
3. Select an available option. Choose from: Off, Soft sound, Clear sound, Adapt sound left and Adapt sound right.

Activating Noise Reduction

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

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

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress if your network supports this service.

1. While on a call, tap **Hold** Hold. This action places the current caller on hold.
2. You can later reactivate this call by tapping **Unhold** Unhold.

To make a new call while you have a call in progress

1. Tap **Hold** Hold.
2. Tap **Add call** to display the dialer.
3. Enter the new number and tap .

   Once connected, the active call displays in a large box at the top of your screen and the call on hold displays in a smaller box in the middle of your screen.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Tap **Swap**.

   The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call displays in a green box.
2. Tap to end the currently active call.

To end a specific call

1. Tap **Swap** until the call you want to end displays in a green box.
2. Tap to end the specific call.
3. Tap to end the remaining call.

To answer a call while you have a call in progress

1. Tap and slide to the right to answer another call.
2. Tap **Putting "Name/Number" on hold** to put the first call on hold.

   – or –

   Tap **Ending call with "Name/Number"** to end the first call.
3. To switch between the two calls, tap **Swap**.
   - **Swap**: Places the current call on hold and then activates the previous call. The active call displays in a green box. Tap **Swap** again to switch back.

To end a call on hold

1. Tap to disconnect the active call.
2. The call on hold will now become the active call. Tap to end the call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The **Merge** option combines all of the calls you have established with your phone (both active and on hold). **Swap** places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

1. Tap and slide to the right to answer the call.
2. Tap and slide to the right to answer the next call.
3. Tap **Putting "Name/Number" on hold** to put the first call on hold.
4. Join the first two callers into a single multi-party call by tapping **Merge** .
5. To temporarily leave the conference call, tap **Hold** Hold .

To rejoin the conference call tap **Unhold** Unhold.

6. Tap End call to end the call.

Using the Speakerphone During an Active Call

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

1. Tap **Speaker** Speaker.
   The **Speaker** button now displays as Speaker and the speakerphone is activated.
2. Use the **Volume** keys (located on the left side of your phone) to adjust the volume.
3. Tap **Speaker** Speaker to deactivate the speakerphone.

Switching off the Microphone (Mute)

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

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

To mute your phone during a call

1. Tap **Mute** Mute.
   The **Mute** button now displays as Mute and Mute is activated.
2. Tap **Mute** Mute to deactivate the Mute function and reactivate the microphone.

Bluetooth headset

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

Searching for a Number in Address Book

1. During the active call, press then tap **Contacts**.
2. Tap the Address Bcok entry.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 57.

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you must first activate the Call Waiting feature:

- From the Home screen, tap **Phone** → **Menu** → **Call settings** → **Additional settings** →**Call waiting**.

  A call waiting tone notifies you of an incoming call.

Call settings

To access the **Call settings** menu:

- From the Home screen, do one of the following:

  Tap **Phone** → → **Call settings**.

  – or –

  Tap **Menu** → **Settings** → **My device** → **Call**.

For detailed information on all of the call settings, see *"Call settings"* on page 95.

Section 4: Contacts and Your Address Book

This section allows you to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

AT&T Address Book Activation

When you access the AT&T Address Book, the network backup service, contacts are automatically synchronized between your phone and online address book. The changes you make are automatically saved and if you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone.

To activate the AT&T Address Book:

1. From the Home screen, tap **Contacts** .

   If you have not synchronized your phone with your online AT&T Address Book recently, the **AT&T Address Book** screen displays.

2. Follow the on-screen instructions to activate AT&T Address Book.

Your AT&T Address Book is Ready to Use. You can now make a call or send a message through your Address Book.

You can also manage your Address Book on the web at http://www.att.com/addressbook.

Synchronizing your AT&T Address Book

If you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone by following these steps:

1. From the Home screen, tap **Contacts** .
2. Tap → **Settings** → **AT&T Address Book**.
3. At the AT&T Address Book screen, tap **Start Sync** to synchronize your phone with your online Address Book.
4. If there are existing contacts on your phone, you are prompted whether or not to remove them. Tap **Yes** or **No**.

   Your phone is synchronized.

Note: You must first copy any contacts that exist on your SIM card to your phone. For more information, refer to *"Copying Contacts to the Phone"* on page 64.

5. At the **Your AT&T Address Book is Ready for Use** prompt, tap **OK**.

   Your Contact list displays.

Adding a New Contact

Use the following procedure to add a new contact to your Address Book.

Saving a Number from the Home screen

1. From the Home screen, tap **Contacts** → +.
2. At the **Save contact to** prompt, tap **Phone**, **SIM**, or an Account name.
3. Tap the image icon and assign a picture to the new entry by choosing one of three options:
   - **Image**: retrieve a previously stored image from your Gallery and assign it to this entry. Tap an image to assign the image to the contact, then tap **Done**.
   - **Pictures by people**: retrieve a photo you have taken (and tagged a person in it) from your Gallery and assign it to this entry. Tap the photo to assign it to the contact, then tap **Done**.
   - **Take picture**: use the camera to take a new picture and assign it to this entry, then tap **Done**.
   - **S Memo**: Capture a cropped image from an S Memo and assign it to this entry.
   - **Delete**: although not an option with a new entry, deletes any previously assigned image on an existing contact.
4. Tap the **Name** field and use the on-screen keyboard to enter the name.

   – or –

   Tap next to the **Name** field to display additional name fields.
5. Tap the **Phone number** field.

   The numerical keypad displays.

   The **Mobile** button Mobile initially displays next to the **Phone number** field.
6. Tap the **Mobile** button to add a phone number that is not a mobile number and select from Mobile, Home, Work, Work fax, Home Fax, Pager, Other, Callback, or Custom.
7. Enter the phone number.

   Tap to add another Phone number field or tap to delete a field.

8. Tap the **Email address** field.
   The keypad displays.
   The **Home** button Home initially displays next to the **Email address** field.
9. Tap the **Home** button to add an Email address that is not a Home email address, and select from Home, Work, Other, or Custom (add your own label).
10. Enter the Email address.
    Tap ⊕ to add another Email address field or tap ⊖ to delete a field.
11. To enter a Work Email Address, tap ⊕ next to the Address field and enter Email address.
12. Tap the **Work** button Work to change the label for the type of address. Select from: Home, Work, Other, or Custom.
13. Tap ⊕ to add another address field or tap ⊖ to delete a field.
14. Tap **Groups** to assign the contact to a pre-defined group (Not assigned, Favorites, ICE - emergency contacts, Co-workers, Family, and Friends) or create a new group by touching **Create group**.
15. Tap **Ringtone** to assign a message tone that will sound when calls are received from this contact.
16. Tap **Message alert** to set the specific type of alert that you receive whenever a message from this contact arrives.
17. Tap **Vibration pattern** to set the specific type of vibration whenever a message from this contact arrives.
18. Tap **Add another field** to add another field such as Phonetic name, Organization, IM, Notes, Nickname, Website, Internet call, Events, or Relationship.
19. Tap **Save** to save the new contact.

Adding Pauses to Contact Numbers

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

To add a pause or a wait to a Contact:

1. From the Home screen, tap **Contacts**, and then tap the name or number to open the Contact.
2. Tap to edit.
3. Tap the phone number field.
4. Tap the screen at the position where you want to add the pause or wait.
5. Tap Sym.
6. Tap **Pause(,)** to add a 3-second pause or tap **Wait(;)** to add a wait, and use the keypad to enter the additional numbers. A pause displays as a comma (,) and a wait displays as a semi-colon (;).
7. Tap **Save** to save your changes, or tap **Cancel** to discard.

Editing an Existing Contact

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

1. From the Home screen, tap **Contacts**.
2. Tap the Contact that you want to edit.
3. Tap .
4. Tap any of the fields to add, change, or delete information.
5. Tap **Save** to save the edited information.

Using Contacts

Dialing or Messaging from Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by either using their SIM card location number or by using the Search field to locate the entry.

From the Address book, you can also send messages.

Finding an Address Book Entry

You can store phone numbers and their corresponding names onto your SIM card and phone's onboard memory. The two locations are physically separate but are used as a single entity, called the Address Book.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

1. From the Home screen, tap **Contacts** .
2. Within the Contacts list (sorted alphabetically), tap a letter on the right side of the display to quickly jump to the contacts beginning with that letter.
3. Tap the contact you wish to call or message.
4. Tap the phone icon to make a phone call or tap the message icon to send a message.

   For more information, refer to *"Creating and Sending Messages"* on page 68.

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

Linking Contacts

Linking Contact Information

Many people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a Microsoft Exchange Email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts such as Facebook, Twitter, MySpace, Microsoft Exchange email, and Google. When you synchronize your phone with these accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith, for example) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Yahoo! chat account, when you merge these accounts into your Contacts list you can link all of her entries and view the information in one record.

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

For more information about synchronizing accounts, see *"Synchronizing Accounts"* on page 59.

1. From the Home screen, tap **Contacts** .
2. Tap a contact name (the name you want to link to another entry).

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

3. Tap → **Link contact**.
   The contact list displays.
4. Tap the second contact entry (the entry in which to link). The second contact is now linked with the first and the account information is merged into one screen.

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

5. Tap the link icon under the **Connection** bar to view the contact information you joined. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unlinking a Contact

1. From the Home screen, tap **Contacts** .
2. Tap a contact name (the account name from which you want to unlink an entry). **Note**: typically this is the same contact with a different name or account information.
3. Tap the link icon under the **Connection** bar.
4. Tap the minus sign next to entry in which you want to unlink. The contact is now separated and no longer displays in the merged record screen.
   – or –
   Tap → **Separate contact**.

Marking a Contact as Default

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

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

Synchronizing Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. From the Home screen, tap **Contacts**.
2. Tap then tap **Accounts**. The **Sync settings** screen displays listing the account(s) defined to your device.
3. Select the account to be synchronized. The **Sync settings** screen for the selected account displays.
4. Tap the check box to the right of the **Sync Contacts** field to automatically synchronize this account's contacts data.
5. Tap **Sync now** to synchronize the selected account data.
6. Tap to return to the accounts list.

7. Select another account to be synchronized.
   – or –
   Tap **Add account** to add another account to synchronize.

Address Book Options

You can access Address Book options while at the main Address Book page or while in the details page for a specific entry.

Options in Address Book

1. From the Home screen, tap **Contacts** then tap .
2. The following options display:
   - **Delete:** allows you to delete 1 or more of your contacts.
   - **SIM Management**: allows you to copy contacts from your phone to your SIM card or from your SIM card to your phone. You can also delete contacts from your SIM.
   - **Import/Export**: allows you to move contacts from or to USB storage, and from or to the SD card. You can also send a namecard via Bluetooth, ChatON, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Share namecard via**: allows you to send the contact's information via various applications..
   - **Accounts**: allows you to add and manage your Samsung, ChatON, Google, LDAP (Lightweight Directory Access Protocol), and Microsoft Exchange ActiveSync accounts. Tap **Add account** and then follow the on-screen instructions.
   - **Speed dial setting**: allows you to set up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 43.
   - **Send message/email**: allows you to send a text or message.
   - **Contacts to display**: You can choose to display all of your contacts or only display contacts on your Phone, SIM, or contacts stored to other accounts. You can also tap Customized list to change other options on how your contacts display.
   - **Settings**: allows you to choose/set the following options:
     - **Only contacts with phones**: allows you to only display contacts that have phone numbers.
     - **List by**: allows you to sort by First name or Last name.
     - **Display contacts by**: allows you to sort by First name or Last name first.

– **Service numbers**: allows you to display or edit your service numbers.

– **Contact sharing settings**: allows you to send all or individual contacts via Bluetooth in the form of name cards.

– **AT&T Address Book**: allows you to access the AT&T Address Book so you can sync your contacts.

Options at Selected Contact Screen

1. From the Home screen, tap **Contacts** .
2. Tap a contact and at the contact's display screen, tap .
3. The following options display:
   - **History**: allows you to view the phone and message history for the contact.
   - **Edit**: allows you to edit the contact's information.
   - **Delete**: allows you to delete the contact from your Address Book.
   - **Link contact**: allows you to link contacts with other contacts.
   - **Separate contact**: allows you to separate contacts that have been linked. This option only appears if the contact has been previously linked.
   - **Mark as default**: when you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the phone). For more information, refer to *"Marking a Contact as Default"* on page 59.
   - **Assign speed dial**: allows you to assign this contact to your speed dial list. For more information, refer to *"Making a Call Using Speed Dial"* on page 43.
   - **Share namecard via**: allows you to send the contact's information via various applications.
   - **Add to/Delete from reject list**: allows you to add or delete the contact from your reject list. If they call while being on the reject list, the call will be sent directly to voice mail.
   - **Add shortcut to home**: allows you to place a shortcut for this contact on your Home screen.

Groups

Adding a Contact to a Group

1. From the Home screen, tap **Contacts** .
2. Tap a contact that you would like to add to a group. The selected contact displays.
3. Tap the **Groups** entry. A list of groups displays.
4. Tap the group you want to receive this contact. A green checkmark indicates selection.
5. Tap **Save**.

   The contact is added to the group.

Removing a Contact From a Group

1. From the Home screen, tap **Contacts** → **Groups** .
2. Tap a group entry.
3. Press → **Remove member**.
4. Tap one or more contacts you want to remove from this group. A green checkmark indicates selection. Tap **Select all** to remove all members from the group.
5. Tap **Done**.

   The contacts are removed from the group.

Creating a New Group

1. From the Home screen, tap **Contacts** → **Groups** → → **Create**.
2. Tap the **Group name** field and use the on-screen keyboard to enter a new group name.
3. Tap **Group ringtone** to choose an audio file for assignment to this new group. Tap a ringtone to hear how it sounds, then tap **OK**.

   – or –

   Tap Add to select a ringtone from your music files.
4. Tap **Message alert** to choose an alert tone for assignment to this new group, then tap OK.
5. Tap **Vibration pattern** to choose a vibration audio file for assignment to this new group, then tap **OK**.

   – or –

   Tap **Create** and follow the on-screen instructions to create your own vibration pattern.
6. Tap **Add member** to add contacts to the new group.
7. Tap each contact you want to add to create a checkmark. You can also tap **Select all**.

8. Tap **Done**.
9. Tap **Save** to save the new Group category.

Editing a Caller Group

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

1. From the Home screen, tap **Contacts** → **Groups** .
2. Tap a group entry.
3. Press → **Edit**.
4. Make modifications to the **Group ringtone**, or **Vibration pattern** fields.
5. Tap **Add member** to add more contacts to this group.
6. Tap **Done**.
7. Tap **Save** to save the edited Group category.

Address Book Favorites

Once you have stored phone numbers in the Address Book, you can add them to your Favorites list.

To view your Favorites list:

- From the Home screen, tap **Contacts** → **Favorites** .

Adding Favorites from the Contact list

1. From the Home screen, tap **Contacts** .
2. Tap a contact that you would like to add to a group. The selected contact displays.
3. Tap . The Favorite star changes color to .
4. Tap to return to the Address Book.
   A gold star displays on the left side of the contact image in the Address Book.
5. Tap **Favorites** . Your new favorite appears in the Favorites list.

Removing Favorites from the Favorites list

1. From the Home screen, tap **Contacts** → **Favorites** .
2. Within the Favorites list, press and hold a contact that you want to remove from your Favorites list.
3. Tap **Remove from favorites** on the displayed list.
4. Tap to return to the Address Book.

   The gold star no longer displays on the left side of the contact image in the Address Book.

Managing Address Book Contacts

You can copy, delete, and view the memory status for the Phone and SIM contacts on your phone.

Copying Contacts to the SIM Card

Note: When storing an Address Book entry into the SIM card, only the name, phone number, and email address are available as fields. Also, if you move the SIM card to another phone that does not support additional fields on the SIM card, this additional information may not be available.

1. From the Home screen, tap **Contacts** → → **SIM Management**.
2. Tap **Copy contacts to SIM**.

   The phone displays a list of your current phone contacts.
3. Tap the contacts to place a checkmark adjacent to those entries to copy to the SIM card.
   - Repeat this step for all individual entries to copy to the SIM or tap **Select all** to place a checkmark alongside all entries.
4. Tap **Done** to copy.
5. At the **Copy to SIM** display, tap **OK**.

   The selected numbers are copied to the SIM card.

Copying Contacts to the Phone

1. From the Home screen, tap **Contacts** → → **SIM Management**.
2. Tap **Copy contacts from SIM**.
3. At the **Create contact under account** prompt, tap on **Device** or an account name that you would like to copy the contact to.

The phone displays a list of your current contacts stored on your SIM card with checkmarks to the right of all of the contacts.

4. To select individual contacts to copy from your SIM, tap **Select all** to clear all the checkmarks, then tap the contacts to place a checkmark adjacent to those entries you wish to have copied to your phone or account.
5. Tap **Done** to copy.

   The selected numbers are copied.

Deleting Contacts from the SIM card

1. From the Home screen, tap **Contacts** → → **SIM Management**.
2. Tap **Delete contacts from SIM**.

   The phone displays a list of your current SIM contacts.
3. Tap the contacts to place a checkmark adjacent to those entries to delete from the SIM card.
4. Repeat Step 3 for all individual entries to copy to the SIM or tap **Select all** to select all entries.
5. Tap **Delete**.
6. At the **Delete contacts from SIM** prompt, tap **OK**.

   The selected numbers are deleted from the SIM card.

Deleting Address Book Entries from the Phone

You can delete Phone or SIM entries from your phone's memory.

1. From the Home screen, tap **Contacts**.
2. Within the Contacts list, press and hold a contact to delete.
3. Tap **Delete**.
4. Tap **OK** at the **Delete** prompt, to delete the contact or tap **Cancel** to exit.

Using the Service Dialing Numbers

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

1. From the Home screen, tap **Contacts** → → **Settings**.
2. Tap **Service numbers**.
3. Scroll through the available numbers (if available).
4. Tap a number to call.

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

Section 5: Messaging

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

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- AT&T Messages
- Hangouts
- Google+
- ChatON

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

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

Messaging icons display at the top of the screen and indicate when messages are received and their type. For more information, refer to *"Indicator Icons"* on page 16.

Creating and Sending Messages

1. From the main Home screen, tap **Messaging** → **Compose**.
2. Tap on the **Enter recipient** field to manually enter a recipient or tap to select a recipient from your Contacts.
3. If adding a recipient from your Contacts, tap the contact to place a checkmark in the box to the right, then tap **Done**.

   The contact will be placed in the recipient field.

Note: For the Group option, if the number of recipients is less than 10, all members in the group will be added. Enter additional recipients by separating each entry with a semicolon (;) then using the previous procedure.

4. Tap the **Enter message** field and use the on-screen keypad to enter a message.
5. Add more recipients by tapping the recipient field.
6. Review your message and tap **Send**.

Note: If you exit a message before you send it, it automatically saves as a draft.

Message Options

Options before composing a message

1. From the main Home screen, tap **Messaging**.
2. Before composing a message, press to reveal additional messaging options:
   - **Search**: allows you to search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window and tap .
   - **Delete threads**: allows you to delete any message thread. Select the messages to delete and a green checkmark displays next to the message. Tap **Delete**.
   - **Draft messages**: displays a list of your draft messages.
   - **Locked messages**: displays a list of your locked messages.
   - **Scheduled messages**: displays the scheduled messages folder and its contents.
   - **Spam messages**: displays a list of received spam messages.
   - **Font size**: allows you to set the size of your letters when messaging.

- **Settings**: allows you to access Messaging settings. For more information, refer to *"Messaging Settings"* on page 72.

Options while composing a message

- While composing a message, press to reveal additional messaging options.
  - **Insert smiley**: allows you to add emoticons, such as a happy face to your message.
  - **Add text**: allows you to copy text from your contacts, calendar, or from a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, etc. to your message. For more information, refer to *"Adding Additional Text"* on page 70.
  - **Add to Contacts**: allows you to add the recipient to your Contacts list. This option only appears if the recipient is not already in your Contacts list.
  - **View contact**: allows you to view the contact information. This option only appears when the recepient is in your Contacts list.
  - **Add slide**: allows you to add a new page to a message.
  - **Scheduling**: allows you to assign the current message for scheduled delivery at a designated time.
  - **Discard**: allows you to delete the message.
  - **Font size**: allows you to set the size of your letters when messaging.

Adding attachments to a message

To add an attachment to your message, tap and select one of the following options:

- **Image**: allows you to tap an existing image from your Gallery to attach to your message.
- **Take picture**: allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message by tapping **Save**.
- **Video**: allows you to choose an existing video from the Gallery to attach to your message.
- **Record video**: allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message by tapping **Save**.
- **Audio**: allows you to choose an existing audio file from the Audio list, then add it to your message by tapping the circle to the right of the audio so that it turns green, then tapping **Done**.
- **Record audio**: allows you to temporarily exit the message and record an audio clip using the phone's microphone. It is then automatically attached to the message.

- **S Memo**: allows you to add an S Memo that you have created.
- **Calendar**: allows you to add an event from your calendar. Select the desired event and tap **Done**.
- **Location**: allows you to attach a thumbnail of a map showing your location.
- **Contacts**: allows you to tap on an existing Address Book entry, then add it to your message by tapping **Done**.

Adding Additional Text

You can copy text such as names, phone numbers, and events from your Contacts, Calendar or a Memo.

1. While composing a message, press → **Add text**.
2. At the Add text screen, select one of the following:
   - **S Memo**: allows you to insert text from an existing S Memo.
   - **Calendar**: allows you to add the name, date, and time of a calendar event to your message.
   - **Location**: allows you to add an address and the link to the location on Google Maps.
   - **Contacts**: allows you to add the name and phone number of any of your contacts to your message.
   - **Text templates**: allows you to add pre-defined phrases and sentences.

The information is added to your message.

Viewing New Received Messages

1. When you receive a new message, the new message icon displays at the top of your screen.
2. Open the Notification Panel and select the message. For more information, refer to *"Notification Panel"* on page 19.

   – or –

   From the main Home screen, tap **Messaging** then tap the new message to view it.

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

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To open a threaded message follow these steps:

1. From the main Home screen, tap **Messaging** .
   Tap the message thread you want to view.
2. Press and hold the message thread to display the following options:
   - **Delete**: displays a confirmation dialog box that when pressed, deletes the entire thread.
   - **Add to Contacts**: allows you to add a message sender to your Contacts list. This option only displays if the sender is not already in your Contacts list.
   - **View contact**: displays the contact's information. This option only displays if the sender is in your Contacts list.
   - **Add to spam numbers**: places the number on a spam list.

Deleting Messages

Deleting a single message thread

1. From the main Home screen, tap **Messaging** .
2. Press and hold a message thread, then tap **Delete**.
3. At the **Delete** prompt, tap **OK** to delete or **Cancel** to cancel.

Deleting multiple message threads

1. From the main Home screen, tap **Messaging** .
2. Press → **Delete threads**.
3. Tap each message thread you want to delete. A checkmark displays beside each thread you select.
4. Tap **Delete**.
5. At the **Delete** prompt, tap **OK** to delete or **Cancel** to cancel.

Message Search

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

1. From the main Home screen, tap **Messaging**.
2. Tap → **Search**.
3. Use the on-screen keyboard to enter a word or phrase to search for, then tap .
4. All messages that contain the search string you entered display.

Messaging Settings

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

1. From the main Home screen, tap **Messaging** → → **Settings**.
2. The following Messaging settings are available:
   - **Default messaging app**: sets your default messaging application.

   General settings:

   - **Delete old messages**: deletes old messages when the limit is reached, rather than having them overwritten.
   - **Text message limit**: allows you to set a limit on how many text messages can be in one conversation.
   - **Multimedia message limit**: allows you to set a limit on how many multimedia messages can be in one conversation.
   - **Text templates**: allows you to select a predefined text message to attach to your message, edit, or add new text templates.

   Text message (SMS) settings:

   - **Manage SIM card messages**: allows you to manage the messages that you have stored on your SIM card.
   - **Message center**: allows you to enter the number of your Message center where your messages reside while the system is attempting to deliver them.
   - **Input mode**: allows you to set the input mode for your text messages. Choose between GSM Alphabet, Unicode, or Automatic.

   Multimedia message (MMS) settings:

   - **Group messaging**: allows you to send a single message to multiple recipients.
   - **Auto-retrieve**: allows the message system to retrieve messages automatically.

- **Creation mode**: allows you to select the creation mode, Free, Restricted, or Warning.
  - **Restricted**: you can only create and submit messages with content belonging to the Core MM Content Domain.
  - **Warning**: the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
  - **Free**: you may add any content to the message.
- **MMS alert**: alerts you on screen when your message changes from a SMS to an MMS message.

Display:

- **Bubble style**: allows you to choose from several bubble styles for your messages. Bubbles are the rounded boxes that surround each message.
- **Background style**: allows you to choose from several background styles for your messages.
- **Use the volume key**: allows you to change the text size by using the up or down volume keys.

Push message settings:

- **Push messages**: allows you to receive push messages from the network.

Cell Broadcast (CB) settings:

- **CB activation**: allows you to receive Cell Broadcast (CB) messages.
- **Channel configuration**: allows you to set up the channel that you will receive CB messages on.

Notification settings:

- **Notifications**: allows you to see message notifications on your status bar.
- **Select ringtone**: allows you to set the ringtone for your message notifications.
- **Vibrate**: vibrates when you receive a notification.
- **Message alert repetition**: sets the number of time to alert you when a new message is received.
- **Preview message**: displays a preview of received messages on the status bar.

Signature settings:

- **Add signature**: adds a signature to outgoing messages.
- **Signature text**: enter the text you want to display as your message signature.

Spam message settings:

- **Spam settings**: activates the list of Spam message settings.
- **Add to spam numbers**: registers numbers that are blocked when they send you a message.
- **Add to spam phrases**: register phrases that block messages (phrases typically used in spam messages).
- **Block unknown senders**: blocks messages from any sender that is not listed in your Contacts list.

Using Email

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

Creating an Email Account

1. From the Home screen, tap **Email** .
   Your accounts screen displays with an Email setup screen displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field.
4. If you want to see your password as it is being typed, tap **Show password** to create a checkmark.

5. Tap **Next**.
6. At the **Account options** screen, tap any of the options you would like.
7. Tap **Next**.
8. Enter a name for this email account (optional).
9. Tap **Done**.

Creating a Microsoft Exchange Email Account

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

1. From the Home screen, tap **Email** .
   Your accounts screen displays with an Email setup screen displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field.
4. Tap **Show password** to view the password as it is entered.
5. Tap **Manual setup** or **Next** (for automatic setup).
6. At the **What type of account?** prompt, tap **Microsoft Exchange ActiveSync**. The **Exchange server settings** screen displays.

7. As needed, change or enter the Exchange server information for your account, then tap **Next**.
8. Follow the prompts to activate server communication functions, such as security, as required.
9. Enter an Account name for this account (Optional) and tap **Done**.

   Wait for the Inbox to synchronize.
10. Press → **Settings** to change the account settings.

Creating Additional Email Accounts

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

1. From the Home screen, tap **Email**.

   Your Email screen displays showing your emails from the active account.
2. Press → **Settings**.
3. Tap + to add another email account.
4. Enter the information required to set up another account. For more information, refer to *"Creating an Email Account"* on page 74.

Switching Between Email Accounts

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

   Your Email screen displays showing your emails from the active account.
2. Tap the Inbox button at the top of your screen that displays the optional name you assigned to your active email account, for example, Work, Gmail, etc.

   Your Email accounts screen displays.
3. Tap the Email account you would like to switch to. You can also select **Combined view** which displays email messages from all accounts.
4. The new Email account displays.

Using Gmail

Gmail is Google's web-based email. When you first setup the phone, Gmail is configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Your Gmail

Note: You must sign in to your Gmail account in order to access Gmail.

1. Sign on to your Google account if you are not already signed on. For more information, refer to *"Creating a New Google Account"* on page 11.
2. From the Home screen, tap → **Gmail**.
3. Follow the on-screen instructions.
   The Inbox loads conversations and email.

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. see *"Creating a New Google Account"* on page 11.
2. From the Home screen, tap → **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.

Hangouts

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

Note: The first time you use Hangouts, you will need to download the updated application from the Play Store. When the Play Store page displays, tap **Update**. For more information, refer to *"Play Store"* on page 174.

1. Log on to your Google account if you have not already done so. For more information, refer to *"Creating a New Google Account"* on page 11.
2. From the Home screen, tap → **Hangouts**.
3. The first time you access Hangouts, tap **Confirm** to confirm your mobile number. If the number is not correct, tap **Edit Number** to change it.
4. Begin using Hangouts.
5. Press → **Help** for more information on using Hangouts.

Messages App

AT&T Messages brings your texts, calls, and voicemail messages together into a single conversation thread and is accessible by phone or computer.

1. From the Home screen, tap → **Messages**.
2. Sign on to your Google account if you are not already signed on. For more information, refer to *"Creating a New Google Account"* on page 11.

Note: The first time you use the Messages app, you will need to download the updated application from the Play Store. When the Play Store page displays, tap **Update**. For more information, refer to *"Play Store"* on page 174.

3. At the Welcome screen, read the information and tap **Continue** or tap **Learn More** to receive more information.
4. The first time you use Messages, you will need to set up a few things. Tap **Record Greeting** to record a personal greeting, or tap **Skip** if you want to do it later.

5. Follow the on-screen instructions to use the Messages app.

ChatON

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

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

1. From the Home screen, tap → **ChatON** .
2. At the ChatON display, tap **Sign in** to sign in to your Samsung account if you have not already done so. For more information, refer to *"Creating a Samsung Account"* on page 10.

   – or –

   Tap **Skip** if you have already signed in to your Samsung account.
3. Follow the on-screen instructions to add a buddy and begin your chat session.

Section 6: Changing Your Settings

This section explains the settings used for customizing your device.

Accessing Settings

- From any Home screen, tap **Apps** → **Settings**.

  – or –

  From any Home screen, tap **Menu** → **Settings**.

  The Settings screen displays.

Settings Tabs

The Settings are divided into 4 main groups. When the Settings screen displays, the following 4 tabs are located at the top of the screen:

Connections:
This tab allows you to see all of settings related to the connection of your device to external sources. Features include: Wi-Fi, Bluetooth, Data usage, More networks (Airplane mode, Default messaging app, Printing, Mobile networks, Tethering and Wi-Fi hotspot, and VPN), NFC, S Beam, Nearby devices, and Screen Mirroring.

My device:
This tab provides access to device configuration and customization features. Features include: Lock screen, Display, LED indicator, Sound, Home screen mode, Call, Blocking mode, Hands-free mode, Power saving mode, Accessories, Accessibility, Language and input, Motion, Smart screen, and Voice control.

Accounts:
This tab provides both the ability to create and modify your accounts (example; Samsung account, Email, Google account, etc.) and access Backup and reset features.

More:
This tab provides access to the remaining set of device settings not listed under the other three tabs. These include Location, Security, Application manager, Default applications, Battery, Storage, Date and time, and About device.

Note: The settings for your device are described below in the order that they appear within the Settings menu. Options under the Connections tab are listed first, followed by My device, Accounts, and More settings.

Connections

To access the Connections settings:

- From the Settings screen, tap the **Connections** tab.

  The **Connections** menu displays.

Wi-Fi Settings

This section describes the Wi-Fi settings. For information on how to use Wi-Fi, see *"Wi-Fi"* on page 125.

Activating Wi-Fi

1. From the **Connections** menu, tap **Wi-Fi**.

   The **Wi-Fi** screen displays.

2. Tap the ON/OFF slider, located to the right of the **Wi-Fi** field, to turn Wi-Fi ON .

3. Tap **Scan** to scan for available Wi-Fi networks. For more information, refer to *"Connect to a Wi-Fi Network"* on page 125.

4. At the bottom of the Wi-Fi screen, tap the **Wi-Fi Direct** button.

   For more information, refer to *"Wi-Fi Direct"* on page 127.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. From the **Connections** menu, tap **Wi-Fi**.
2. Press → **Advanced**.

   The following options are available:

   - **Network notification**: alerts you when a new WAP is available.
   - **Sort by**: allows you to specify that WAPs be listed in Alphabet order or Signal Strength order.
   - **Keep Wi-Fi on during sleep**: allows you to specify when to disconnect from Wi-Fi.

- **Always allow scanning**: allows the Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
- **Auto network switch**: allows the device to automatically switch between a Wi-Fi network or a cellular network.
- **Auto connect**: allows you to be automatically connected to an AT&T Wi-Fi Hotspot as soon as your phone detects it.
- **Install certificates**: allows you to install security certificates that you have on a MicroSD card.
- **MAC address**: view your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address**: view your device's IP address.

Bluetooth settings

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

- From the **Connections** menu, tap the ON/OFF slider, located to the right of the Bluetooth field, to turn Bluetooth ON  .
  The Bluetooth icon  displays.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From the **Connections** menu, tap **Bluetooth**.
2. Tap the checkbox next to **SAMSUNG-SGH-I747** if you do not want your phone visible to other Bluetooth devices.
3. Tap **Scan** to search for nearby discoverable devices. After searching, tap a device to pair with it. For more information, refer to *"Pairing Bluetooth Devices"* on page 131.
4. Press  and select a Bluetooth setting to configure:
   - **Visible time-out**: Use this setting to control when to automatically turn off the Discoverable option: 2 minutes, 5 minutes, 1 hour, or Never timeout.
   - **Received files**: Show the list of files received by using Bluetooth.

Data Usage

From this screen you can view your Mobile data usage and turn your Mobile data capability On or Off.

1. From the **Connections** menu, tap **Data usage**.
2. Tap **Mobile data** to activate the Mobile data feature.
3. Tap **Set mobile data limit** to set a data limit.
4. Tap the **Data usage cycle** drop-down menu and select a date.

   The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of how much data was used per application.

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

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5. Touch and drag the **limit** (red) and **warning** (orange) lines on the graph to the desired amount.
6. Press Menu to display additional options. Tap each check box to activate the feature or option.
   - **Data roaming**: enables Data roaming on your device.
   - **Restrict background data**: restricts some apps and services from working unless you are connected to a Wi-Fi network.

- **Auto sync data**: allows your accounts to automatically synchronize.
- **Show Wi-Fi usage**: displays a Wi-Fi tab that shows Wi-Fi usage Mobile hotspots: displays available mobile hotspots.
- **Mobile hotspots**: tap the check boxes next to the Wi-Fi networks that are mobile hotspots.

More networks

This tab displays additional wireless and network information.

- From the **Connections** menu, tap **More networks**.

  Options display for Airplane mode, Default messaging app, Printing, Mobile networks, Tethering and Wi-Fi hotspot, and VPN.

Airplane mode

Airplane mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important! When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

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1. From the **Connections** menu, tap **More settings**.
2. Tap the **Airplane mode** checkbox to create a checkmark and enable the feature.
3. At the **Turn on Airplane mode** prompt, tap **OK**.
   The Airplane mode icon displays at the top of the screen.

Default messaging app

This option allows you to set the default messaging app that you can use to send all of your messages.

- From the **Connections** menu, tap **More networks** ➔ **Default messaging app** and make a selection.

Printing

With the Printing option, you can set your device to print on compatible Samsung Wi-Fi printers.

1. From the **Connections** menu, tap **More networks** ➔ **Printing**.
2. Tap **Samsung Print Service Plugin**.
3. Tap the ON/OFF slider, to turn Printing ON

.
   Your device will search for compatible printers.
4. Follow the on-screen instructions.
5. Press for additional options.

Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

Mobile data

To enable data access over the mobile network, this option must be selected. It is set on by default.

1. From the **Connections** menu, tap **More settings** ➔ **Mobile networks**.
2. Tap **Mobile data** to checkbox to create a checkmark and enable the feature.

Data Roaming

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

1. From the **Connections** menu, tap **More settings** ➔ **Mobile networks**.
2. Tap **Data roaming** checkbox to create a checkmark and enable the feature.

Access Point Names

To use Wi-Fi you need access to a wireless access point (hotspot).

1. From the **Connections** menu, tap **More settings** ➔ **Mobile networks**.
2. Tap **Access Point Names**.
   A list of the Access Point names displays. The active access point displays a green, filled circle to the right of the name.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. From the **Connections** menu, tap **More settings** ➔ **Mobile networks**.
2. Tap **Network operators**.
   The current network connection displays at the bottom of the list.

Important! You must deactivate data service prior to searching for an available network.

3. Tap **Default setup**, then select **Automatic** or **Manual**.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default setup options

Your phone default is set to Automatic (to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. From the **Connections** menu, tap **More settings** ➔ **Mobile networks**.
2. Tap **Network operators**.
3. Tap **Default setup**.
4. Tap **Manual** to locate and connect to a network manually, or tap **Automatic** to allow the device to automatically select a network.

Tethering and Wi-Fi hotspot

This option allows you to share your phones's mobile data connection via USB or as a portable Wi-Fi hotspot.

Mobile Hotspot

Note: To enable Mobile Hotspot on your phone, dial 611 or go to att.com/mywireless to set up the service.

1. From the Home screen, tap **Apps** ➔ **Mobile Hotspot** .

   – or –

   From the **Connections** menu, tap **More settings** ➔ **Tethering and Wi-Fi hotspot**.
2. Turn **Mobile Hotspot** on by tapping the slider so that it changes to the ON position ON.
3. Tap **Mobile Hotspot**. The **Mobile Hotspot** screen displays.
4. Under **Help**, view information about using your device as a Mobile hotspot.
5. To setup a list of devices allowed to connect to your Mobile hotspot, tap **Allowed devices**.

6. To view or change your Mobile hotspot's configuration, tap **Configure**.
7. Press for the following option:
   - **Timeout settings**: allows you to set the time your device will be available as a portable Wi-Fi hotspot.

Connecting to Portable Wi-Fi hotspot from other devices

1. Activate Wi-Fi on the device that wants to connect to your phone.
2. Find **[Galaxy_S_III_xxxx]** in the Wi-Fi network list and connect to it. XXXX are four randomly generated digits that display when you set up a Portable Wi-Fi hotspot on your device.

   The connected device can now access the Internet through your Portable Wi-Fi hotspot.

Note: Activating Wi-Fi and connecting to your phone will be different depending on the type of the other device.

USB tethering

1. From the **Connections** menu, tap **More settings** → **Tethering and Wi-Fi hotspot**.
2. Connect your phone to your PC using a USB cable.
3. Tap **USB tethering** to activate the feature.
4. Follow the prompts to complete USB tethering setup.
5. To view information about USB tethering, tap **Help**.

Help

- From the **Tethering and Wi-Fi hotspot** menu, tap **Help** for additional information.

VPN

Set up and manage Virtual Private Networks (VPNs).

Adding a VPN

Important! You must set up a screen unlock pattern, PIN, or password before you can use this feature.

1. From the Home screen, tap → **Settings** → **More settings** → **VPN**.
2. Tap **Basic VPN**, then tap **Add VPN network** and fill in the VPN network information.

3. Tap **Save**.

Adding an Advanced IPsec VPN

This adds a VPN connection using IPsec protocols.

1. From the Home screen, tap → **Settings** → **More settings** → **VPN**.
2. Tap **Advanced IPsec VPN**.
3. Tap **Add VPN Connection**.
4. Enter a password to protect the private keys and shared secrets.
5. Enter the password again to confirm and tap **OK**.

Editing a VPN

1. From the Home screen, tap → **Settings** → **More settings** → **VPN**.
2. Press and hold the VPN to edit.
3. Select **Edit network** from the pop-up.
4. Make VPN settings changes and tap **Save**.

Deleting a VPN

1. From the Home screen, tap → **Settings** → **More settings** → **VPN**.
2. Press and hold the VPN to delete.
3. Tap **Delete network** in the open pop-up.

NFC

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

To activate NFC, follow these steps:

- From the **Connections** menu, tap the **OFF / ON** icon to turn NFC on ON.

Android Beam

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

Turning Android Beam On or Off

1. From the **Connections** menu, tap **NFC**.
   The **NFC** screen displays.
2. Tap the **NFC** OFF / ON icon to turn NFC on  .
3. Tap the **Android Beam** OFF / ON icon to turn Android Beam on  .

S Beam

When S Beam is activated, you can beam files to another NFC-capable, S Beam device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music Player, and more.

1. From the **Connections** menu, tap the **S Beam** OFF / ON icon to turn S Beam on  .
2. Touch the back of your device with another NFC-capable, S Beam device and the content transfers.

Nearby devices

This option allows you to share your media files with nearby devices using DLNA and connected to the same Wi-Fi.

1. Connect to a Wi-Fi network. For more information, refer to *"Activating Wi-Fi"* on page 80.
2. From the **Connections** menu, tap **Nearby devices**.
   The **Nearby devices** screen displays.
3. Tap the **Nearby devices** OFF / ON icon to turn Nearby devices on  .
4. Verify  (**Nearby devices**) appears at the top of the screen.
5. Tap **Shared contents**, then check the media you would like to share, then tap **OK**.
6. Tap **Allowed devices list**, then select the connected devices you would like to allow.
7. Tap **Not-allowed devices list**, then select the connected devices you would like to not allow.
8. Tap **Download to**, then select the destination of any downloaded (shared) content. Choose from Device or SD card.

9. Tap **Upload from other devices**, then select the actions you'll take when you upload content from other devices. Choose from either Always accept, Always ask, or Always reject.

Screen Mirroring

The Screen Mirroring feature allows you to share the media files on your device screen with an HDMI device such as an HDMI TV.

Note: This feature requires the optional AllShare Cast dongle which is available as an accessory. See your AT&T Customer Service Representative for more information.

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1. From the **Connections** menu, tap **Screen Mirroring**.
2. Connect the AllShare Cast dongle to the HDMI device using an HDMI A-to-A cable.
3. Tap the **Screen Mirroring** OFF / ON icon to turn Screen Mirroring on 

.
4. Press → **Help** for information on using Screen Mirroring.

My device

- From the Settings screen, tap the **My device** 

tab.

  The **My device** menu displays.

Lock screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Locking and Unlocking the Touch Screen"* on page 10.

Screen Lock

1. From the **My device** menu, tap **Lock screen**.
2. Tap **Screen lock** for these options then follow the on-screen instructions to set up your Screen lock:
   - **Swipe**: Swipe the screen to unlock it.
   - **Face unlock**: Look at your phone to unlock it.
   - **Face and voice**: Look at your phone and speak to unlock.
   - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
   - **PIN**: Select a PIN to use for unlocking the screen.
   - **Password**: Create a password for unlocking the screen.

- **None**: No pattern, PIN, or password is required. The screen will never lock.

Lock screen options

Activate or deactivate various Lock screen functions.

Note: The Lock screen options differ depending on what type of Screen Lock you have selected in step 2.

■ From the **My device** menu, tap **Lock screen**.

The following options are available depending on the Screen Lock type that you have selected:

- **Swipe options**:
  - **Multiple widgets** allows you to display multiple widgets on your lock screen. Appears as an options after a lock mode is enabled.
  - **Lock screen widgets** allows you to lock the widgets that are displayed on your home screens.
  - **Shortcuts** sets shortcuts to appear at the bottom of the Lock screen. Touch and slide the slider to the right to turn it on .

  - **Unlock effect** sets the effect you receive when unlocking the phone. You can select None, Ripple effect, or Light effect.
  - **Help text** shows help information on the Lock screen.
  - **Wake up in lock screen** requires that you say a command to wake-up your phone.
  - **Set wake-up command** designates your wake-up commands. Tap Set wake-up command and follow the on-screen prompts to create a new verbal command.
- **Face unlock options**:
  - **Lock screen widgets** allows you to lock the widgets that are displayed on your home screens.
  - **Improve facial recognition** allows you to improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the on-screen instructions.
  - **Presence check** requires that you blink when using the Face unlock feature. This will increase the security of the feature.
  - **Secured lock time** allows you to set a time-out for lock screen.

- **Pattern options**:
  - **Lock screen widgets** allows you to lock the widgets that are displayed on your home screens.
  - **Make pattern visible** allows you to see the pattern as you draw it.
  - **Secured lock time** allows you to set a time-out for lock screen.
- **PIN and Password options**:
  - **Lock screen widgets** allows you to lock the widgets that are displayed on your home screens.
  - **Secured lock time** allows you to set a time-out for lock screen.

Display Settings

In this menu, you can change various settings for the display.

- From the **My device** menu, tap **Display**.

  The following options display:
  - **Wallpaper**: assigns a wallpaper for the Home screen, Lock screen, or both.
  - **Multi window**: tap this option to enable/disable the automatic Multi window feature.
  - **Page buddy**: allows context related pages to be created on the Home screen. You can select Earphones page, Docking page, and Roaming page. Tap Page buddy help for more information. Touch and slide the Page buddy slider to the right to turn it on 

.
  - **Brightness**: configures the LCD Brightness levels. Tap Automatic brightness to allow the phone to self-adjust or drag the slider and tap OK.
  - **Auto-rotate screen**: allows you to switch the display orientation automatically when you rotate the phone.
  - **Screen timeout**: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, and 10 minutes.
  - **Daydream**: allows you to control what your screen does when your phone is docked or sleeping.

Tip: When turned On, Daydream takes the place of the Desk home screen display setting. For more information, refer to *"Accessories settings"* on page 102.

- **Font style**: allows you to set the font style that your phone will use. You can also tap Get fonts online to choose from a wider selection.
- **Font size**: allows you to select which size of font displays.
- **Touch key light duration**: allows you to set the time that the touch keys located on the bottom of your phone are lit.
- **Display battery percentage**: allows you to see the battery charge percentage next to the battery charge icon at the top of the display.
- **Auto adjust screen tone**: allows you to save power because the phone analyzes the displayed screen image and adjusts the LCD brightness.

LED indicator

This option allows you to turn on your LED lights for charging, missed events, and incoming notifications. The light will turn on by default unless you turn them off.

1. From the **My device** menu, tap **LED indicator**.
2. Tap the following LED indicator options to create a checkmark and turn them on or off:
   - **Charging**: red LED lights up when the device is connected to the charger.
   - **Low battery**: red LED lights up when the battery level is low.
   - **Notifications**: blue LED lights up when you have missed calls, messages, or application events.
   - **Voice recording**: blue LED lights up when you are recording voice. The LED only lights up when the screen is off.

Sound Settings

From the **Sound** menu you can control the sounds on the phone.

- From the **My device** menu, tap **Sound**.
  The following options display:

Volume

The Volume option allows you to change the volume for all phone sounds in one easy location.

1. From the **Sound** menu, tap **Volume**.
2. Touch and drag the slider to adjust the sound volume for Music, video, games, and other media, Ringtone, Notifications, and System.
3. Tap **OK**.

Vibration intensity

Vibration intensity allows you to select how intense the vibration is for different options.

1. From the **Sound** menu, tap **Vibration intensity**.
2. Touch and drag the slider to adjust the Vibration intensity for Incoming call, Notification, and Haptic feedback.

Device ringtone

This option allows you to set the ringtone using existing ringtones or using your own music.

To use an existing ringtone:

1. From the **Sound** menu, tap **Device ringtone**.
2. Tap a listed ringtone and tap **OK**.

To use your own music:

1. From the **Sound** menu, tap **Device ringtone**.
2. Tap **Add**.
3. Tap **Choose music track** or **Music Player**.
4. If you always want to use this selection as the default choice, tap **Always**, otherwise tap **Just once**.
5. Select a song and tap **OK**.

Device vibration

This option allows you to set your phone to vibrate and ring. You can use an existing device vibration or create your own.

To use an existing vibration:

1. From the **Sound** menu, tap **Device vibration**.
2. Select a vibration pattern and tap **OK**.

To create your own vibration:

1. From the **Sound** menu, tap **Device vibration**.
2. Tap **Create**.

   A circle is displayed with **Tap to create** in the center.
3. Tap in the center of the circle to start.
4. A line will start to move around the circle much like the second hand on a clock. Tap whenever you want to add a vibration. You can press and hold to add a long vibration.
5. Press **Stop** to end or wait for it to complete one revolution of the circle.
6. Tap ▶ to play back the vibration you just created.
7. Tap **Save** to save or **Cancel** to start over.
8. Enter a Vibration pattern name and tap **OK**.

Default notifications

This option allows you to set the ringtone that will sound for notifications and alarms.

1. From the **Sound** menu, tap **Default notifications**.
2. Tap a ringtone and tap **OK**.

Vibrate when ringing

This option allows you to enable your phone to also vibrate when it rings.

- From the **Sound** menu, tap **Vibrate when ringing** to enable the feature.

System Tone Settings

The System tone settings are used when you use the dialing pad, make a screen selection, lock your screen, or tap the screen.

- From the **Sound** menu, tap any of the following options to create a checkmark and activate the feature:
  - **Keytones**: makes a sound when you tap a key on the keyboard.
  - **Touch sounds**: makes a sound when you touch the screen.
  - **Screen lock sound**: makes a sound when your screen is locked or unlocked.
  - **Haptic feedback**: makes a vibration when you tap soft keys and on certain UI interactions.
  - **Auto haptic**: allows your device to automatically vibrate in response to the sounds of downloadable apps, such as games. Tap the ON/OFF slider

to turn Auto haptic ON.

Samsung keyboard sounds

You can choose whether the Samsung keyboard plays sounds and vibrations when you touch the keys.

1. From the **Sound** menu, tap **Key-tap sound** to turn touch Key-tap sound On or Off.
2. Touch **Key-tap vibration** to turn touch Key-tap vibration On or Off.

HDMI sound

You can choose to have your phone play stereo or surround sounds over the HDMI output.

1. From the **Sound** menu, tap **Audio output**.
2. Select **Stereo** or **Surround**.

Home screen mode

Home screen mode allows you to set your display to the conventional layout of Basic mode or provide an easier user experience for the first-time smart phone users using Easy mode.

1. From the **My device** menu, tap **Home screen mode**.
2. Select one of the following:
   - **Standard mode**: provides a conventional layout for the applications and widgets on your home screens.
   - **Easy mode**: provides an easier experience for first time smart phone users from the home screen.
3. Tap **Apply**.

Call settings

To access the Call settings menu:

- From the Home screen, tap → **Settings** → **My device** → **Call**.

  – or –

- From the Home screen, tap → → **Call settings**.

Call rejection

1. From the **Call settings** screen, tap **Call rejection**.
2. Tap **Auto reject mode** and tap one of the following options:
   - **Off**: to disable/enable Auto reject mode.
   - **All numbers**: to reject all calls.
   - **Auto reject numbers**: to reject all calls in your Reject list.
3. Tap **Auto reject list**.
4. Tap **Create** to manually add numbers to the Reject list.
5. Tap **Unknown**, to create a checkmark and automatically reject all calls that are not in your Contacts list.

Setup call rejection messages

1. From the **Call settings** screen, tap **Set up call rejection messages**.
2. Tap **Create** to manually add a reject message.

   – or –

   Tap one of the pre-written messages to be displayed when you want the call to be rejected. You can edit the message if desired.
3. Tap **Save** to save the reject message.

Answering/ending calls

1. From the **Call settings** screen, tap **Answering/ending calls**.
2. The following options display:
   - **The home key answers calls**: Tap this option to be able to accept incoming calls by pressing the Home key.
   - **Voice control**: Tap this option to be able to use your voice to answer calls. The Voice control feature must first be enabled. When the Voice control screen displays, tap the ON/OFF slider  to turn Voice control ON. You can individually enable/disable Voice control of Incoming calls, Alarm, Camera, and/or Music functions.
   - **The power key ends calls**: This option will allow you to end a call by pressing the power key without turning off the screen.

Turn off screen during calls

This option turns on the proximity sensor during calls so that your phone will know to turn the screen off to save power.

- From the **Call settings** screen, tap **Turn off screen during calls** to enable the feature.

Call alerts

1. From the **Call settings** screen, tap **Call alerts**.
2. Tap **Call vibrations** to enable your phone to vibrate when the called party answers the phone.
3. Tap **Call status tones** to set the sound settings during a call then tap **OK**.
4. Tap **Alerts on call** to turn off alarm and message notifications during a call.

Call accessories

1. From the **Call settings** screen, tap **Call accessories**.
2. The following options are available:
   - **Automatic answering**: configures the device to automatically answer and incoming call when a headset is detected.
   - **Automatic answering timer**: configures the time delay before the device automatically accepts the incoming call.
   - **Outgoing call conditions**: allows you to make calls even when the device is locked.

Additional settings

1. From the **Call settings** screen, tap **Additional settings**.
2. Tap one of the following options:
   - **Caller ID**: allows you to choose how your Caller ID displays. Select Network default, Hide number, or Show number.
   - **Call forwarding**: allows you to select when to forward incoming calls.
   - **Auto area code**: allows you to automatically prepend a specific area code to all outbound calls.
   - **Call waiting**: the network service informs you when someone is trying to reach you during another call. Tap to activate.
   - **Auto redial**: automatically redials the last number if the call was either cut off or was unable to connect. Tap to activate.
   - **Fixed dialing numbers**: allows you to restrict outgoing calls to a limited set of phone numbers.

Using Fixed Dialing Numbers

Enabling FDN

1. From the **Call settings** screen, tap **Additional settings** → **Fixed dialing numbers**.
2. Tap **Turn on FDN**.
3. At the prompt, enter your PIN2 code and tap **OK**.
   FDN is enabled.
4. To enable FDN after it has been disabled, tap **Disable FDN**, enter your PIN2 code and tap **OK**.

Important! Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.
The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

1. From the **Call settings** screen, tap **Additional settings** ➔ **Fixed dialing numbers**.
2. Tap **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: Before you can manage an FDN list a list must be created.

---

1. From the **Call settings** screen, tap **Additional settings** ➔ **Fixed dialing numbers**.
2. Tap **FDN list**.
3. A list of all existing FDN numbers displays.
4. To add a FDN number to the list, press **Menu** ➔ **Add contact**.
5. Enter the Name, Number, and PIN2, then tap **Save**.

Ringtones and keypad tones

1. From the **Call settings** screen, tap **Ringtones and keypad tones**.
2. Tap **Ringtones**, select a ringtone, and tap **OK**.
3. Tap **Vibrations**, select a vibration type, and tap **OK**.
4. Tap **Vibrate when ringing** to create a checkmark if you want your phone to vibrate on incoming calls.
5. Tap **Dialing keypad tone** to create a checkmark if you want a tone to play whenever a key is pressed.

Personalize call sound

This option allows you to optimize your phone equalizer.

1. From the **Call settings** screen, tap **Personalize call sound**.
2. Tap **In-call sound EQ** to select the sound profile you want applied to sounds from the other party to a call.
3. Tap **Personalize call sound** and follow the detailed instructions to interactively set the best call sound for you.

Noise reduction

This option allows you to suppress background noise from your surroundings during calls.

- From the **Call settings** screen, tap **Noise reduction** to create a checkmark and to enable the feature.

Increase volume in pocket

This option increases the ringtone volume when the device is in a pocket or a bag. It uses the proximity sensor to detect its location.

- From the **Call settings** screen, tap **Increase volume in pocket** to create a checkmark and to enable the feature.

Voicemail service

1. From the **Call settings** screen, tap **Voicemail Service**.

   The default is your carrier's Voicemail service.

2. Tap **My carrier** to remove the carrier Voicemail service.

Voicemail settings

You can view or modify your voicemail number from this menu.

1. From the **Call settings** screen, tap **Voicemail settings**.
2. Tap the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number, then tap **OK**.

Sound

This option allows you select a the ringtone that plays for incoming calls.

1. From the **Call settings** screen, tap **Sound**.
2. Tap a ringtone to hear a sample.
3. Select a ringtone and tap **OK**.

Vibrate

This option allows you enable your phone to vibrate when you receive incoming calls.

- From the **Call settings** screen, tap **Vibrate** to create a checkmark and to enable the feature.

TTY Mode

A TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it is compatible with digital cell phones.

Your phone and TTY device will connect via a special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

1. From the **Call settings** screen, tap **TTY mode**.
2. Tap **TTY Full**, **TTY HCO**, or **TTY VCO** to enable TTY mode.
3. Tap **TTY Off** to disable TTY mode.

Hearing aids

This option allows you to turn on Hearing aid compatibility on your device.

- From the **Call settings** screen, tap **Hearing aids** to enable the Hearing aid compatibility feature.

Blocking mode

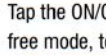
When enabled, notifications for selected features are disabled. You only receive notifications of incoming calls from people on the allowed list.

1. From the **My device** menu, tap **Blocking mode**.
2. Tap the ON/OFF slider, located to the right of Block mode, to turn Blocking mode ON 

.
3. Tap **Blocking mode** then tap next to each feature to enable. Selections are: Block incoming calls, Turn off notifications, Turn off alarm and timer, and Turn off LED indicator.
4. Tap one of the following to enable or disable the feature. Choose from Disable incoming calls, Disable notifications, Disable alarm and timer, or Disable LED indicator.
5. Tap the **Always** field to disable it and configure the **From** and **To** time fields.
6. Tap **Allowed contacts** to assign contacts that are exempted from these rules. Choose from None, All contacts, Favorites, or Custom.
7. Tap **Allowed contact list** to view your allowed contacts.

Hands-free mode

Hands-free mode allows you to select whether your phone announces in plain language incoming calls and messages, alarm information, and/or schedule alarm information from your Calendar.

1. From the **My device** menu, tap **Hands-free mode**.
2. Tap the ON/OFF slider, located to the right of Hands-free mode, to turn it ON 

.
3. Touch the following options to create a check mark and enable them:
   - Touch **Incoming call** to read out caller information for incoming calls.
   - Touch **Message** to read out sender information for incoming messages.
   - Touch **Alarm** to read out alarm information.
   - Touch **Schedule** to read out Calendar event alarm information.

Power Saving Mode

Configure Power saving settings to conserve battery power.

1. From the **My device** menu, tap the **Power Saving Mode** ON/OFF slider, to turn Power Saving Mode ON

.
2. Tap **Power Saving Mode** and tap the following options to create a check mark and enable them:
   - **CPU power saving**: When enabled, the phone's maximum performance is limited. This does not affect normal usage, such as browsing and video playback.
   - **Screen power saving**: When enabled, the screen uses reduced frame refresh rate and lower brightness.
   - **Background color**: When enabled, the background uses lower brightness in Email and Internet.
   - **Turn off haptic feedback**: When enabled, no vibration plays when you touch the screen.
   - **Auto enable**: When enabled, automatically turns Power Saving Mode ON when battery power drops below 20%. Overrides the **Power Saving Mode** slider setting.
3. Touch **Learn about power saving** to read information about Power saving options.

Accessories settings

This menu allows you to select the Audio output mode when using a car or desk dock.

1. From the **My device** menu, tap **Accessory**.
2. Tap **Dock sound** to play sounds when inserting or removing the phone from the dock.
3. Tap **Audio output mode** to use the external dock speakers when the phone is docked.
4. Tap **Desk home screen display** to display the desk home screen when the phone is docked.
5. Tap **Audio output** to set your Audio output to Stereo or Surround.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Play Store and manage their use here.

1. From the **My device** menu, tap **Accessibility**.
2. The following options are available:
   - **Auto-rotate screen**: automatically rotate the screen from landscape to portrait when you rotate your phone.
   - **Screen timeout**: timeout the accessibility feature after a defined amount of time.
   - **Speak passwords**: reads out password information.
   - **Answering/ending calls**: accept incoming calls by pressing the home key or end calls using the power key.
   - **Show shortcut**: allows the accessibility shortcut under the device options to be viewed by pressing and holding the power key.

- **TalkBack**: activate the TalkBack feature.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

- **Font size**: change the size of the fonts used on the device within menus, options, etc. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures**: use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors**: reverse the display of on-screen colors from White text on a Black background to Black text on a White background.
- **Accessibility shortcut**: allows you to quickly enable accessibility features in 2 quick steps. Follow the on-screen instructions.
- **Text-to-speech options**: allows you to adjust your text-to-speech settings. For more information, refer to *"Speech settings"* on page 107.
- **Sound balance**: allows you to use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: allows you to enable stereo audio to be compressed into a single mono audio stream for use with a single earbud/earphone.
- **Turn off all sounds**: allows you to mute every sound made by the device during taps, selections, notifications, etc.
- **Flash notification**: allows you to set your camera light to blink whenever you receive a notification.
- **Press and hold delay**: allows you to select a time interval for this action. Choose from: Short, Medium, Long, or Custom.

Language and Input

This menu allows you to configure the language in which to display the menus. You can also set onscreen keyboard options.

- From the **My device** menu, tap **Language and input**.

Language

You can change the language used by your device by following these steps:

1. From the **Language and input** menu, tap **Language**.
2. Tap a language from the list.

Keyboards and Input Methods

You can change the default keyboard used by your device by following these steps:

1. From the **Language and input** menu, tap **Default** and select a keyboard.
2. Tap **Set up input methods**.
3. Tap the icon next to the input method in which to configure settings. Based on your selection of input method, the appropriate settings display and are explained below.

Samsung Keyboard settings

From this menu you can set Samsung keyboard options.

- From the **Language and input** menu, tap the icon next to **Samsung keyboard**.
  - **Portrait keyboard types** allows you to choose a keyboard configuration (Qwerty [default] or 3x4 Keyboard).
  - **Input languages** sets the input language. Tap a language from the available list. The keyboard is updated to the selected language.
  - **Predictive text** When set to ON, lets you access the following advanced settings:
    - **Personalized data**: allows you to use personal language that you have added to make your prediction results better.
    - **Learn from Gmail**: allows you to login to your Gmail account so your phone can learn your Gmail style.
    - **Learn from Facebook**: allows you to login to your Facebook account so your phone can learn your Facebook style.
    - **Learn from Twitter**: allows you to login to your Twitter account so your phone can learn your Twitter style.
    - **Learn from Messaging**: allows your device to learn from your Messages.

– **Learn from Contacts**: allows your device to learn from your Contacts.

– **Clear personalized data**: removes all personalized data that you have entered.

- **Auto replacement**: When set to ON, lets you complete or replace the word you are typing with the most probable word by tapping the space bar or a punctuation mark.
- **Auto capitalization**: When enabled, predictive text automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- **Auto spacing**: When enabled, spaces are automatically inserted between words.
- **Auto punctuate**: When enabled, a period and space are automatically entered to end a sentence, when you tap the space bar twice.
- **Keyboard swipe**: Choose None (disables Keyboard swipe), SwiftKey Flow (lets you type words by swiping between letters), or Cursor control (lets you move the cursor by sliding your finger across the keyboard).
- **Key-tap feedback**:
  – **Sound**: When enabled, a sound plays for your key touches.
  – **Vibration**: When enabled, a vibration plays for your key touches.
  – **Character preview**: When enabled, characters available on the key you touch display briefly as you enter text.
- **Help**: Learn about using Samsung keyboard.
- **Reset settings**: Return Samsung keyboard settings to the defaults.

Swype settings

1. From the **Language and input** menu, tap the icon next to **Swype**.
2. Tap **Settings** to set these options:
   - **Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.
   - **Sound on keypress**: turns on sounds generated by the Swype application.
   - **Pop-up on keypress**: once enabled, displays a character above an on-screen key while typing.
   - **Show complete trace**: once enabled, sets wether or not to display the complete Swype path.

- **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
- **Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.
- **Next word prediction**: once enabled, predicts the next word in your text string based on your current text entries.

Note: If incorrect words are being entered as you type, disabled this feature.

- **Show Voice key**: once enabled, displays the Voice recognition key on the Swype keyboard.
- **Show helpful tips**: turns on a flashing indicator for quick help.
- **Reset Swype's dictionary**: once enabled, deletes any words you have added to Swype's dictionary.
- **Version**: displays the software version information.

3. Tap **My Words** on the left side of the screen to access the following options:
   - **Backup & Sync**: allows you to backup your Swype dictionary and sync your Swype dictionary across multiple devices.
   - **Living Language**: when enabled, this feature automatically updates your Swype dictionary with popular new words.
   - **Social integration**: allows you to learn information from your Facebook, Twitter, and Gmail accounts to help you while using Swype.
   - **Edit my dictionary**: allows you to edit your personal Swype dictionary.
   - **Clear language data**: deletes all of your personal language data, including your words.
   - **Contribute usage data**: when enabled, allows the Nuance® application to collect usage data for better word predictions.
   - **Cellular data**: when enabled, activates cellular data usage by the Swype application so it can receive program updates, language downloads, and other related features via your existing data connection.
4. Tap **Languages** to activate and select the current text input language. Default language is US English.
   - Tap **English** to change the current language. After you change the language, it will be displayed instead of English. You must first select the Download languages option and download another language before it will appear here.

- Tap **Download languages** to download more languages.
- Tap a language under the **Active** heading to make it current.

5. Tap **Gestures** to view helpful information on using gestures while using Swype.
6. Tap **Help** to view an on-screen manual for Swype.
7. Tap **Updates** to update the application if new software is available.

Google voice typing settings

From this menu you can set Samsung keyboard options.

- From the **Language and input** menu, tap the icon next to **Google voice typing**.

  The following options are available:

  - **Choose input languages**: tap on a language that you want to input. Select Automatic to use the local language or select a language from the list.
  - **Block offensive words**: tap to create a checkmark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
  - **Offline speech recognition**: tap to download speech recognition software for different languages. Tap the ALL tab to display all available languages, then tap the language that you want.

Speech settings

This menu allows you to set the speech settings for Voice input.

1. From the **Language and input** menu, tap **Voice recognizer** to select a speech recognition engine. Options are: **Samsung powered by Vlingo** and **Google**.
2. Tap **Voice search** to configure the following:
   - **Language**: Choose a language for your voice input.
   - **Speech output**: Sets whether you will use speech output always or only when using hands-free.
   - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
   - **Hotword detection**: Enable to being able to launch voice search by saying the word "Google".

- **Download offline speech recognition**: tap to download speech recognition software for different languages. Tap the ALL tab to display all available languages, then tap the language that you want.

3. Tap **Text-to-speech options**. The following options are available:
   - **Preferred TTS engine**: Select **Google Text-to-speech Engine** or **Samsung TTS**.
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
4. Tap  next to the Preferred TTS engine to configure the following settings:

Note: Options may be different depending on the TTS engine you select.

- **Language**: allows you to set the language for spoken text.
- **Settings for Google Text-to-speech Engine**: allows you to view Open Source Licenses.
- **Settings for Samsung TTS**: allows you to view Open Source Licenses.
- **Install voice data**: allows you to install voice data for speech synthesis.

Mouse/trackpad

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From the Home screen, tap  → **Settings** → **Language and input**.
2. Tap **Pointer speed** then drag the slide to the right to go faster or to the left to go slower.
3. Tap **OK** to save your setting.

Motion

This feature allows you to enable specific phone and hand motions (detected by the accelerometer and gyroscope or touch screen) to activate related phone actions. For more information on using gestures, see *"Using Gestures"* on page 31.

1. From the **My device** menu, tap the **Motion** ON/OFF slider, to turn Motion features ON  .
2. From the **My device** menu, tap **Motion**.
3. Touch the following options to create a check mark and enable them:

- **Direct call**: Once enabled, the device will dial the currently displayed on-screen Contact entry as soon as you place the device to your ear.
- **Smart alert**: Once enabled, pickup the device to be alerted and notified of you have missed any calls or messages.
- **Double tap to top**: Once enabled, double tap the top of the device to be taken to the top of the current on-screen list.
- **Tilt to zoom**: Once enabled, you must be on a screen where content can be zoomed. In a single motion, press and hold two points on the display then tilt the tilt the device back and forth to zoom in or out.
- **Pan to move Icon**: Once enabled, press and hold a desired application shortcut icon or widget on the screen. Once it detaches, move the device left or right to migrate it to a new location.
- **Pan to browse images**: Once enabled, press and hold a desired on-screen image to pan around it. Move the device left or right to pan vertically or up and down to pan horizontally around the large on-screen image.
- **Shake to update**: Once enabled, shake your device to re-scan for Bluetooth devices, re-scan for Wi-Fi devices, Refresh a Web page, etc.
- **Turn over to mute/pause**: Once enabled, mute incoming calls and any playing sounds by turning the device display down on a surface. This is the opposite of the Pickup to be Notified Gesture.

Sensitivity settings and tutorial:

4. Tap **Sensitivity settings**, then select Tilt to zoom, Pan to move icon, or Pan to browse images.
5. Adjust the selected **Sensitivity** setting by tapping and dragging the slider to the left or right, then tap **OK**.
   – or –
   Touch **Test** and try out a new setting, then tap ⮌ ➔ **OK**.
6. Tap **Learn about motions** to view help topics about motion settings.

Hand motions:

7. Tap these Hand motions to create a check mark and enable them:
   - **Palm swipe to capture**: Once enabled, you can capture any on-screen information swiping across the screen. In a single motion, press the side of your hand on the screen and swipe form left to right. The image is then copied to the clipboard.
   - **Palm touch to mute/pause**: Once enabled, you can pause any on-screen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the device goes back to normal by either continuing to play the current video or un-muting the current sound.
8. Tap **Learn about hand motions** to read tutorial type information about hand motions.

Smart screen

The Smart screen options allow you to customize your screen settings to make the screen more responsive and easier to use.

1. From the **My device** menu, tap **Smart screen**.
2. Tap any of the following options to create a checkmark and activate the features:
   - **Smart stay**: disables the screen timeout if your phone detects that your face is watching the screen.
   - **Smart rotation**: disables the auto screen rotation by checking the orientation of your face and the device.

Voice control

The Voice control settings allow you to set up voice commands to control your device.

Note: If you set the Alert type for calls or alarms to vibration, Voice control will not be available.

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1. From the **My device** menu, tap **Voice control**.
2. Tap the ON/OFF icon  at the top of the **Voice control** screen to activate Voice control.
3. Tap the following options to create a checkmark and activate the feature:
   - **Incoming calls**: allows you to answer or reject calls using the commands **Answer** and **Reject**.
   - **Alarm**: allows you to stop or snooze an alarm by using the commands **Stop** and **Snooze**.
   - **Camera**: allows you to take pictures using the voice commands **Smile**, **Cheese**, **Capture**, or **Shoot**.

- **Music**: allows you to control your Music app using the voice commands **Next**, **Previous**, **Pause**, **Play**, **Volume Up**, and **Volume Down**.

Accounts

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

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

- From the Settings screen, tap the **Accounts**  tab.

  The **Accounts** menu displays.

Add account

1. From the **Accounts** menu, tap **Add account**.
2. Tap one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

A green circle will appear next to the account type once you have created an account. Your email account will also be displayed in the **Accounts** menu under **My Accounts**.

For more information on creating accounts:

- See *"Creating a Samsung Account"* on page 10.
- See *"Creating a New Google Account"* on page 11.
- See *"Creating an Email Account"* on page 74.
- See *"Creating a Microsoft Exchange Email Account"* on page 74.

Synchronizing Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From the **Accounts** menu, under **My accounts**, tap the account to be synchronized. The account type screen displays.
2. Tap the account name. The **Sync settings** screen displays.
3. Tap **Sync now** to synchronize your account or tap **Sync all** to synchronize all your accounts. Tap **Cancel sync** to stop the synchronization.

Removing an Account

Important! Removing an account also deletes all of its messages, contacts, and other data from the device.

1. From the **Accounts** menu, under **My accounts**, tap the account to be removed. The account type screen displays.
2. Tap the account name. The **Sync settings** screen displays.
3. Tap **Remove account**, then tap **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Backup and Reset

- From the **Accounts** menu, under **Backup options**, tap **Backup and reset**.

  The **Backup and reset** menu displays.

Back Up My Data

By enabling this option, you set your device to back up all of your settings and data to the Google server.

- From the **Backup and reset** menu, tap **Back up my data** to enable or disable back up of application data, WI-Fi passwords, and other settings to the Google server.

Backup Account

If you have enabled the **Back up my data** option, then the **Backup account** option is available.

1. From the **Backup and reset** menu, tap **Backup account**.
2. To set your Google Gmail account to be backed up to the Google server, tap your Google Gmail account.

   – or –

   Tap **Add account** and create or add your Google Gmail account. For more information, refer to *"Creating a New Google Account"* on page 11.

Automatic Restore

By setting this option, when you reinstall an application, all of your backed up settings and data will be restored.

- From the **Backup and reset** menu, tap **Automatic restore** to enable or disable automatic restoration of settings from the Google server.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

Warning! Performing a Factory data reset will erase all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software, bundled applications, and external SD card files such as music and photos.

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1. From the Home screen, tap → **Settings** → **Backup and reset**.
2. Tap **Factory data reset**. The **Factory data reset** screen displays reset information.
3. Tap **Reset device**, then follow the prompts to perform the reset.

More

- From the Settings screen, tap the **More** tab. The **More** menu displays.

Location

The Location settings allow you to set up how the phone will determine your location and the sensor settings for your phone.

1. From the **More** menu, tap **Location**.
2. Tap the ON/OFF icon to activate Location.
3. The menu is separated into various sections:
   - **Mode**: allows you to choose a location mode. each mode enables different technologies and affects both the accuracy of the location and battery usage.
   - **Recent location requests**: displays services that have recently requested your location information.
   - **Location services**: allows you to configure your Google locations services.
   - **My places**: allows you to add location information for your Home, Office, and Car.

Security

The Security settings allow you to determine the security level for your phone.

Encryption

You can set your phone to require a numeric PIN or password to decrypt your phone each time you power it on or encrypt the data on your SD card each time it is connected.

Important! Before encrypting your device, you must set an Unlock password of at least 6 characters and 1 number. For more information, refer to *"Lock screen"* on page 89.

Tip: Make sure your battery is charged more than 80 percent. Encryption may take an hour or more.

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1. From the **More** menu, tap **Security**. The following options are available:
2. Tap **Encrypt device**. For more information, read the displayed help screen.
3. Tap **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Factory data reset password

Use the **Set up/change password** option to set up your Factory data reset password when one is first required, or to change your current password.

1. From the **More** menu, tap **Security** → **Set up/change password**.
2. Enter a new password and tap **Confirm**.
3. Enter the new password again and tap **Confirm**.

SIM card lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone will ask for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the **More** menu, tap **Security** → **Set up SIM card lock**.
2. Tap **Lock SIM card**, enter your SIM PIN code, then tap **OK**.

Note: You must enable the **Lock SIM card** option before you can change your SIM PIN code.

3. To change your SIM card PIN code, tap **Change SIM PIN**.
4. Enter your old SIM PIN code and tap **OK**.
5. Enter your new SIM PIN code and tap **OK**.
6. Re-type your new SIM PIN code and tap **OK**.

Forgotten SIM PIN code

If you enter the wrong SIM PIN more than 3 times, you will need to contact your AT&T Customer Service Representative to get the PUK code for your device.

1. Each time you enter a wrong SIM PIN code the phone will display how many attempts you have remaining.
2. After the third incorrect attempt, the **Type PUK and new PIN code** screen displays and your SIM card is locked.

Note: While your SIM card is locked, you will still be able to make Emergency calls, if necessary.

3. Enter the PUK code that you received from your AT&T Customer Service Representative in the **PUK code** field.
4. Enter a new PIN code in the **New PIN code** field and tap **OK**.
5. Enter the new PIN code again in the **Confirm PIN code** field and tap **OK**.

Make passwords visible

When enabled, password characters display briefly as you touch them while entering passwords.

- From the **More** menu, tap **Security** ➔ **Make passwords visible** to enable or disable the display of each password character as you enter it.

Device Administrators

The Device Administration feature allows you to select one or more administration applications that control your device for security purposes (for example, if your phone is lost of stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From the **More** menu, tap **Security** ➔ **Device administrators**.
2. Select a device administrator and follow the prompts. If no device administrators are listed, you can download them from the Play Store. For more information, refer to *"Play Store"* on page 174.

Unknown sources

This feature allows you to download and install non-Market applications.

Warning! Enabling this option causes your phone and personal data to be more vulnerable to attack by applications from unknown sources.

- From the **More** menu, tap **Security** ➔ **Unknown sources**.

  A check mark indicates activity.

Verify apps

This feature allows you to either block or warn you before installing apps that may cause harm to your phone.

- From the **More** menu, tap **Security** ➔ **Verify apps**.

  A check mark is displayed to indicate it is active.

Security policy updates

When you activate this feature, your phone will automatically check for changes to the security policy and download any updates to improve security and service.

- From the **More** menu, tap **Security** ➔ **Security policy updates** to create a checkmark and activate the feature.

Send security reports

When you activate this feature, your phone will automatically send security reports to Samsung via Wi-Fi for threat analysis.

- From the **More** menu, tap **Security** ➔ **Send security reports** to create a checkmark and activate the feature.

Via Wi-Fi only

When you activate this feature, your phone will automatically check for changes to the security policy and download any updates to improve security and service but only when connected to a Wi-Fi network.

- From the **More** menu, tap **Security** ➔ **Via Wi-Fi only** to create a checkmark and activate the feature.

Storage type

This option allows you to select where you will back up your credentials.

1. From the **More** menu, tap **Security** ➔ **Storage type**.
2. Select the backup storage location for your credentials.

Trusted Credentials

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From the **More** menu, tap **Security** ➔ **Trusted credentials**.

   The Trusted credentials screen has two tabs:

   - **System**: Displays CA certificates that are permanently installed in the ROM of your device.
   - **User**: Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
2. Tap a CA certificate to examine its details.

   A scrolling screen displays the details.

3. Scroll to the bottom of the details screen and tap **Disable** to disable a System certificate or **Remove** to remove a User certificate.

Caution! When you disable a system CA certificate, the **Disable** button changes to **Enable**, so you can enable the certificate again, if necessary. When you remove a user-installed CA certificate, it is permanently deleted and must be re-installed, if needed.

4. Tap **OK** to return to the certificate list.

When enabled, a check mark displays in the check box.

Install from device storage

Install encrypted certificates from an installed memory card.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

- From the **More** menu, tap **Security** → **Install from device storage**, then choose a certificate and follow the prompts to install.

Clear credentials

Clear stored credentials.

Note: This setting only displays if you have installed encrypted certificates.

- From the **More** menu, tap **Security** → **Clear credentials** to remove all certificates.

Application Manager

You can download and install applications from Play Store or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From the **More** menu, tap **Application manager**.
2. Tap **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to display memory usage for that category of applications.

   The graph at the bottom of the Downloaded tab shows used and free device memory. The graph at the bottom of the Running tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From the **More** menu, tap **Application manager**.
2. Tap the **DOWNLOADED** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, press ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, press ➔ **Reset app preferences**.

   Note: When you Reset app preferences, you will not lose any app data.
5. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From the **More** menu, tap **Application manager**.
2. Tap the **RUNNING** tab. All the applications that are currently running on the device display.
3. Tap **Show cached processes** to display all the cached processes that are running. Tap **Show services in use** to switch back.
4. Tap one of the applications to view application information.

   The following options display:

   - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report**: Report failure and other application information.

Note: Options vary by application.

All

Displays all apps on your device.

1. From the **More** menu, tap **Application manager**.
2. Tap the **All** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed, press ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, press ➔ **Reset app preferences**.
5. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

Default applications

This menu allows you to pre-set the default applications for your Home screen and your messaging app.

1. From the **More** menu, tap **Default applications**.
2. Tap **Home** and tap one of the following options:
   - **TouchWiz easy home**: this option provides a Home screen that provides an easier user experience for the first-time smartphone users.
   - **TouchWiz home**: this is the Home screen that originally displays on your phone.
3. Tap **Messages** and select the method of sending messages. Select either **Messaging** (original Samsung messaging app) or **Hangouts** (Google messaging app).

Battery

See how much battery power is used for device activities.

1. From the **More** menu, tap **Battery**.

   The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.

2. Tap **Screen**, **Device idle**, **Android System**, **Android OS**, **Media server**, or any other listed application to view how it is affecting battery use.

Note: Other applications may be running that affect battery use.

3. Tap an application to see more information.
   - Tap **Force stop** to stop the application.
   - Tap **App info** for more information. You can also Uninstall certain applications, Clear data, and Clear cache.

Storage

From this menu you can view the memory allocation for the memory card and USB as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see *"Memory Card"* on page 35.

To view the memory allocation for your external SD card:

- From the **More** menu, tap **Storage**.

  The available memory displays under the **Total space** and **Available space** headings for both Device memory and SD card.

SD card

1. Tap **Unmount SD card** to unmount your SD card so that you can safely remove it, then tap **OK**.

   – or –

   Tap **Format SD card** to re-format your SD card. This deleteS all data on your SD card including music, videos, and photos.

2. Tap **Format SD card** again.
3. Tap **Delete all** to continue or press ⮌ to cancel.

Note: The **Format SD card** option is only available when your SD card is mounted.

Date and Time

This menu allows you to change the current time and date displayed.

1. From the **More** menu, tap **Date and time**.
2. Tap **Automatic date and time** to allow the network to set the date and time.
3. Tap **Automatic time zone** to allow the network to set the time zone.
4. Deactivate **Automatic date and time** to manually set the following options:
   - Tap **Set date** and tap the up and down arrows to set the **Month**, **Day**, and **Year** then tap **Set**.
   - Tap **Set time** and tap the up and down arrows to set the **Hour**, **Minute**, and **PM/AM**, then tap **Set**.
   - Tap **Select time zone**, then tap a time zone.
5. If you want to display time in 24-hour format, tap **Use 24-hour format**. If this is not selected the phone automatically uses a 12-hour format.
6. Tap **Select date format** and tap the date format type.

Developer Options

Use the Developer options to set options for application development.

Caution! These settings are intended for development use only. They can cause errors to occur on your device and with the applications on it.

For information on activating this menu option, see *"About Device"* .

About Device

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

1. From the **More** menu, tap **About device**.
2. The following information displays:
   - **Software update**: allows you to update your phone software, if available. For more information, refer to *"Software update"* on page 123.

- **Status**: displays the battery status, the level of the battery (percentage), network, signal strength, mobile network type, service state, roaming status, mobile network state, the phone number for this device, IMEI number, IMEISV number, IP address, Wi-Fi MAC address (if Wi-Fi is set to ON), Bluetooth address (if Bluetooth is set to ON), Serial number, Up time, and Device status.
- **Legal information**: This option displays information about Open source licenses, Google legal information, and License settings. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference. Read the information and terms, then press ⮌ to return to the About device screen.
- **Device name**: Shows the default Device name used with your device's communications features. To change the Device name, tap this option, enter your desired changes, and tap OK.
- **Model number**: displays the phone's model number.
- **Android version**: dispays the android version loaded on this handset.
- **Baseband version**: displays the baseband version loaded on this handset.
- **Kernel version**: displays the kernel version loaced on this handset.
- **Build number**: dispays the software, build number.
- **SELinux status**: displays the status of SELinux. SELinux is a set of security policies/modules which is applied to the device to improve the overall security.

Note: Baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your AT&T service representative.

Software update

The AT&T Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

Tip: For best results, before launching Software update, connect your device to a Wi-Fi Access Point. For more information, refer to *"Wi-Fi Settings"* on page 80.

1. From the **More** menu, tap **About device** → **Software update**.
2. Tap **Check for updates**.
3. At the **Software update** prompt, tap **OK** to continue.
4. The phone automatically updates the software (if available), otherwise, when the **Current software is up to date** prompt displays, tap **OK**.
5. When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, tap **Continue update**.

Section 7: Connections

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

Wi-Fi

About Wi-Fi

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

Turning Wi-Fi On

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

1. From the Home screen, tap  → **Settings**.
2. Tap the ON/OFF slider, located to the right of the **Wi-Fi** field, to turn Wi-Fi ON .

Connect to a Wi-Fi Network

1. From the Home screen, tap  → **Settings** → **Wi-Fi**. The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks display in the Wi-Fi networks section.
2. Tap the network you want to connect to.

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

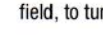
3. Enter a wireless password if necessary.

Manually add your new network connection

1. Scroll to the bottom of the Wi-Fi main page and tap **Add Wi-Fi network**.
2. Enter the **Network SSID**. This is the name of your Wireless Access Point.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target WAP.
4. If secured, you will also need to enter your WAP's password.
5. Tap **Save** to store the new information and connect to your target WAP.

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

Turning Wi-Fi Off

1. From the Home screen, tap  → **Settings**.
2. Tap the ON/OFF slider, located to the right of the **Wi-Fi** field, to turn Wi-Fi OFF  .

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

Manually Scan for a Wi-Fi Network

1. From the Home screen, tap  → **Settings** → **Wi-Fi**.
2. Tap **Scan**.

   All available Wi-Fi networks display.

Wi-Fi Status Indicators

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

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

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

 Displays when connected to another device using Wi-Fi Direct. For more information, refer to *"Wi-Fi Direct"* on page 127.

Wi-Fi Advanced Settings

The Advanced Wi-Fi menu allows you to set up many of your device's Wi-Fi service, including:

- Network notification when an open network is available
- Setting your Wi-Fi sleep policy
- Checking for Wi-Fi Internet service
- Automatically connecting to an AT&T Wi-Fi hotspot when detected
- Specifying your Wi-Fi frequency band
- Viewing your device's MAC and IP Address

To access the Advanced Wi-Fi menu:

1. From the Home screen, tap  → **Settings** → **Wi-Fi**.
2. Press → **Advanced**.

For more information, refer to *"Advanced Wi-Fi Settings"* on page 80.

Wi-Fi Direct

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

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

1. From the Home screen, tap  → **Settings**.
2. Tap the ON/OFF slider, located to the right of the **Wi-Fi** field, to turn Wi-Fi ON .
3. Tap **Wi-Fi** → **Wi-Fi Direct** (bottom, right corner of the screen).
4. Repeat **steps 1 - 3** on the other device you want to connect with. The steps on a different model of phone, may be different.
5. On your phone, tap **Scan**.
   The device scans for other Wi-Fi Direct devices.
6. Once the device you want to connect to displays, tap on it.
7. The other device has 2 minutes to tap **Accept** for the connection to be made.

8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the  icon displays at the top of your screen.
9. To change your Device name, press → **Rename device**.
10. For additional information about Wi-Fi Direct, press → **Help**.

Sharing Information with Connected Device

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

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then tap the **Share, Share via,** or **Send via** option.
2. Tap the **Wi-Fi Direct** option.
3. Tap the connected device name. For example, Android_49ba.
4. The other device will receive a prompt to receive the information and must tap **Accept**.
5. The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My files** → **SD card** in the **ShareViaWifi** folder.

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

AT&T Smart Wi-Fi

With AT&T Smart Wi-Fi, you can maximize your battery performance, maximize your data, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

1. From the Home screen, tap → **AT&T Smart Wi-Fi** .
2. The first time you access AT&T Smart Wi-Fi, you will need to install it. Tap **OK** at the prompt.
3. Sign on to your Google account if you have not already done so.
4. The Play Store displays the **AT&T Smart Wi-Fi** application. Tap **Update**.
5. Tap **Accept & download**.

6. Follow the on-screen instructions to use AT&T Wi-Fi. For more information on how to use this application, go to www.att.com/smartwifi.

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as S Beam. To activate NFC on your device, see *"NFC"* on page 87.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music Player, and more. For more information, refer to *"S Beam"* on page 88.

Bluetooth

About Bluetooth

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

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From the Home screen, tap → **Settings**.
2. Tap the ON/OFF slider, located to the right of the **Bluetooth** field, to turn Bluetooth ON ON.
   When active, displays within the Status area.

To turn Bluetooth off:

1. From the Home screen, tap → **Settings**.
2. Tap the ON/OFF slider, located to the right of the **Bluetooth** field, to turn Bluetooth OFF ON.

Bluetooth Status Indicators

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

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating.

Bluetooth Settings

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

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

To access the Bluetooth Settings menu:

1. From the Home screen, tap → **Settings**.
2. Verify your Bluetooth is ON .
3. Tap **Bluetooth**.

To change your Bluetooth name:

1. From the Bluetooth settings page, press → **Rename device**.
2. Enter a new name.
3. Tap **OK** to complete the rename process.

To make your device visible:

1. From the Bluetooth settings page, press → **Visible time-out**.
   - Making your device visible allows it to be detected by other devices for pairing and communication.
2. Select a time that you would like your device visibility to time-out.

To show received files:

- From the Bluetooth settings page, press → **Received files**.

  A list of all files received from Bluetooth displays.

To scan for Bluetooth devices:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Scan** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

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

To pair your device with another Bluetooth device:

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

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

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

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

Disconnecting a paired device

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

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

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

Deleting a paired device (unpair)

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

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap  next to the previously paired device. This opens the connected device's menu options.
3. Tap **Unpair** to delete the paired device.
4. Tap **Rename** to change the name of the paired device.
5. Tap **Call audio** to enable or disable call audio from the paired device.
6. Tap **Media audio** to enable or disable media audio from the paired device.

Sending Contacts via Bluetooth

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

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

1. Verify your Bluetooth is active.
2. From the Home screen, tap **Contacts**  .
3. Press  → **Share namecard via**.
4. Tap each contact that you would like to send via Bluetooth. A green checkmark displays next to each entry you select.
5. Tap **Done**.
6. Tap **Bluetooth**.
7. Select the paired device to send the contacts to.

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

8. A Bluetooth share notification displays in your notifications list.

PC Connections

You can connect your device to a PC using your PC data cable using various USB connection modes.

Storage: allows you to use the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive.

Kies: allows you to manage music, movies and photos. You can also backup precious contacts and calendars, download applications and podcasts and automatically upgrade device firmware. Kies conveniently syncs your life across all your devices.

Note: To sync your device to your PC, it is highly recommended that you install Samsung Kies which is available at http://www.samsung.com/kies (for Windows/ Mac).

Note: If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer. Also, ensure that you have Samsung Kies 2.0 or Windows Media Player 10 or higher installed on your computer.

Connecting as a Storage Device

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

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Connect the USB cable to the device and connect the cable to the computer. After a few seconds, a pop-up window displays on the PC when connected.
2. On the PC pop-up, click **Open device to view files**.
3. Copy files from the PC to the memory card.

Section 8: Applications

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

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see *"Managing Shortcuts"* on page 20.
You can also add an application icon as a Primary Shortcut that displays on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Apps menu. For more information, refer to *"Adding and Removing Primary Shortcuts"* on page 22.

Accessing the Apps menu

1. Press [Home] to display the main Home screen panel.
2. Tap **Apps** [Apps], the **Apps-Widget** screen displays.
3. Tap the **Apps** tab at the top of the screen, if it is not already selected. The **Apps** menu displays.

Launching Apps

- From the **Apps** menu, tap one of the application icons. For more information, refer to the application description in this section.

Moving Icons in the Apps menu

1. From the **Apps** menu, tap **Menu** [Menu] ➔ **View type**.
2. Tap **Customizable grid**. A green circle displays next to the option.
3. Tap [Menu] ➔ **Edit**.
4. Scroll through the list and locate the icon you wish to move.
5. Touch and drag the icon to the position that you want. To move to a different page, drag the icon to the edge of the page until the page scrolls to the desired page.
6. Tap **Save**.
7. Press [Home] to return to the Home screen.

Creating Application Folders

You can create application folders to hold similar applications if you wish.

To create a folder follow these steps:

1. From the **Apps** menu, tap **Menu** ➔ **Create folder**.
2. Enter a folder name and tap **OK**. The new folder displays on the **Apps** menu.
3. Tap **Menu** ➔ **Edit**.
4. Press and hold an application that you would like to move to a folder.

   The folder icon displays with the application icon displayed on top of it.
5. Repeat step 4 to add additional apps to the folder.
6. To view information on an application, press and drag the icon up to the icon.
7. Tap **Save**.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind by being able to conveniently locate a family member from your wireless phone or PC and know that your family's location information is secure and private.

Note: FamilyMap requires a paid subscription. To sign up for service, visit http://www.att.com/familymap for more information or contact your AT&T Customer Service Representative.

1. From the **Apps** menu, tap **AT&T FamilyMap**.

Note: The first time you use AT&T Family Map, you will need to download the application from the Play Store. For more information, refer to *"Play Store"* on page 174.

2. At the AT&T FamilyMap Sign In webpage, tap **Get Started** to create an account.

   – or –

   Tap **Sign In** if you already have an account.
3. Follow the on-screen instructions.

AT&T Locker

AT&T Locker allows you to store, share, and sync all of your photos, videos, and documents in one safe, convenient place; the AT&T cloud.

1. Sign on to your Google account if you are not already signed on. For more information, refer to *"Creating a New Google Account"* on page 11.
2. From the **Apps** menu, tap **AT&T Locker** .
3. At the AT&T Locker home screen, tap **Sign Up** to create an account or tap **Log In** if you already have an account.
4. Follow the on-screen instructions to use AT&T Locker.

AT&T Navigator

AT&T Navigator provides you with access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Important! You must have a data plan to use this feature. These services require the purchase of a subscription.

To launch the AT&T Navigator application, follow these steps:

1. From the **Apps** menu, tap **AT&T Navigator** .
2. Read the **Terms of Service** and tap **Accept** to acknowledge the terms of use.

   The first time that you use AT&T Navigator, the necessary files will be downloaded. The AT&T Navigator main screen displays.
3. Tap an AT&T Navigator plan that you choose to purchase.
4. Follow the on-screen instructions.

AT&T Smart Wi-Fi

With AT&T Smart Wi-Fi, you can maximize your battery performance, maximize your data, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use. For more information, refer to *"AT&T Smart Wi-Fi"* on page 128.

Beats Music

1. From the **Apps** menu, tap **Beats Music**.
2. Sign on to your Google account if you are not already signed on. For more information, refer to *"Creating a New Google Account"* on page 11.
3. Follow the on-screen instructions to use Beats Music.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. The Calculator also keeps a history of recent calculations.

1. From the **Apps** menu, tap **Calculator**.
2. Enter the first number using the on-screen numeric keys.
3. Enter the operation for your calculation by tapping the corresponding on-screen arithmetic function key.
4. Enter the second number.
5. To view the result, tap equals (=).
6. To view calculator history, tap located at the top of the calculator buttons. A history of your past calculations displays. Tap again to display the calculator keypad.
7. To clear the calculator history, press → **Clear history**.
8. To change the text size, press → **Text size**. Tap Small, Medium, or Large.
9. Turn your phone sideways to the landscape position to display a scientific calculator.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary.

To access the Calendar:

1. From the **Apps** menu, tap **Calendar**.
2. The following tabs are available on the right side of the display:
   - **Year**: displays the Year view.
   - **Month**: displays the Month view.
   - **Week**: displays the Week view.

- **Day**: displays the Day view.
- **List**: displays the List view.
- **Task**: allows you to search for tasks.

3. Tap  (**Create event**) to create a new Calendar event.
4. Tap **Today** to display the current date indicated by a blue box.
5. Tap **Calendars** to select the calendar options that you want displayed.
6. Press  and select one of the following options:
   - **Go to**: displays a specific date.
   - **Delete**: allows you to delete All events, All events before today, or an individual event.
   - **Search**: allows you to search within your current events.
   - **Sync**: allows you to synchronize your calendar with one or all of your accounts. This option only displays when an account has been opened.
   - **Calendars**: allows you to view the current Calendar accounts.
   - **Settings**: displays a list of configurable settings.

Calendar Settings

1. From any Calendar view, press → **Settings**.
2. Tap **View styles** and select a View type.
3. Tap **First day of week** and select either **Local default, Saturday, Sunday** or **Monday**.
4. Tap **Hide declined events** to activate this option. A check mark indicates selection.
5. Tap **Lock time zone** (to lock event time based on your current user-selected time zone).
6. Tap **Select time zone** and select a time zone.
7. Tap **Show week number** to display the week numbers along the side of the week entries.
8. Tap **Set alerts and notifications** to adjust the event notification method. Choose from: **Alert**, **Status bar notification**, and **Off**.
9. Tap **Select ringtone** to assign a ringtone to a calendar event notification.
10. Tap **Vibration** to set the Event notification tone to vibrate.
11. Tap **Quick responses** to edit the default quick responses for emailing guests.

Camera

This section explains how to use the camera on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your 8 megapixel camera produces photos in JPEG format.

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

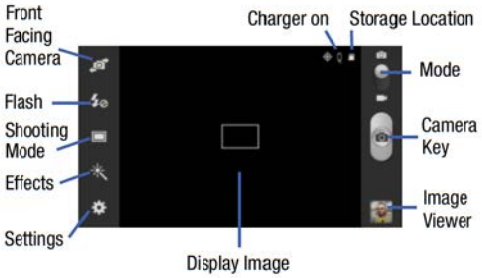
Using the Camera

Taking Photos

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

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

1. From the main Home screen, tap **Camera** to activate the camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a picture, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).
   – or –
   Pinch the screen to zoom out or pinch outwards to zoom in.
4. If desired, before taking the photo, you can tap on-screen icons to access various camera options and settings.
5. You can also tap the screen to move the focus to the area you touch.
6. Press the Camera key ( ) until the shutter sounds. (The picture is automatically stored within your designated storage location. If no microSD is installed, all pictures are stored on the Phone.) For more information, refer to *"Camera Options"* on page 140.



7. While viewing a picture, after you have taken it, pinch the screen outwards to zoom in or pinch the screen inwards to zoom out.
8. Press ⮌ to return to the viewfinder.

Camera Options

Options are represented by icons across both sides of the screen.



Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator displays at the top left of the display. Slide the button up for Camera, or down for Camcorder.



Self-portrait: allows you to activate the front facing camera so you can take pictures of yourself or video chat.



Flash: allows you to set the flash options to Off, On, or Auto flash.



Shooting mode: allows you to set the shooting mode to one of the following:

- **Single shot**: takes a single photo and view it before returning to the shooting mode.
- **Best photo**: Use this to take multiple photos in a short time, and then choose the best photos among them.
- **Best face**: Use this to take multiple group shots at the same time and combine them to create the best possible image.
- **Sound & shot**: Use this mode to enrich pictures by adding background sounds for a few seconds. The background sound is recorded for up to 9 seconds after taking the photo.
- **Face detection**: double tap on a face to zoom in or out.
- **Panorama**: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area where the second part of the panoramic picture should fall within.
- **Share shot**: uses Wi-Fi Direct to share your pictures quickly with your friends.
- **HDR**: takes pictures in HDR (High Dynamic Range) mode to increase image detail.
- **Buddy photo share**: uses face recognition from pictures in your contacts to send your friends or family pictures of themselves.
- **Beauty**: adjusts the contrast to smooth facial features.
- **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
- **Low light**: the camera adjusts for low light shots (such as early evening).



Effects: allows you to change the color tone or apply special effects to the photo. Options include: No effect, Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.

Settings:

Edit shortcuts: allows you to set shortcut icons for the settings that you use the most.

Burst shot: allows several photographs to be captured in quick succession by touching and holding the Camera button.

GPS tag: allows you to turn GPS On or Off (also known as Geotagging). The location of where the picture is taken is attachec to the picture. Before you can use the GPS tag (Geotagging), from the Home screen tap → **Settings** → **Location services** and tap **Use GPS satellites** to create a checkmark.

Self-portrait: allows you to set the front camera so you can take pictures of yourself.

Flash: allows you to set the flash options to Off, On, or Auto flash.

Shooting mode: allows you to set the shooting mode.

Effects: allows you to change the color tone or apply special effects to the photo. Options include: No effect, Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.

Scene mode: allows you to set the Scene to help take the best pictures possible. Options include None, Portrait, Landscape, Sports, Party/Indoor, Beach/ Snow, Sunset, Dawn, Autumn color, Text, Candlelight, Firework, Backlight, and Night.

Exposure value: allows you to adjust the brightness level by moving the slider.

Focus mode: allows you to set this option to Auto focus or Macro. Use Macro mode to take close-up pictures.

Timer: allows you to set a timer for how long to wait before taking a picture. Options include: Off, 2 sec, 5 sec, and 10 sec.

Resolution: allows you to set the image size to either: 8M (3264x2448), W6M (3264x1836), 3.2M (2048x1536), W2.4M (2048x1152), W0.9M (1280x720), or 0.3M (640x480).

Settings (continued):

White balance: allows you to set this option to one of the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.

ISO: ISO determines how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, 400, or 800. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.

Metering: allows you to set how the camera measures or meters the light source: Matrix, Center-weighted, or Spot.

Auto contrast: provides a clear image even under backlight circumstances where intensity of illumination can vary excessively.

Guidelines: allows you to turn the guidelines On or Off.

Auto share shot: enables you to easily connect to the devices you want to share pictures with. Turn on NFC first, then tap your phone to the device you want to share with.

Anti-Shake: reduces image blur due to the movement of the subject of the photo or hand movement.

Shutter sound: allows you to set the Shutter sound to On or Off.

Contextual filename: allows you to have your location added as part of the filename. You must first activate GPS tag described above.

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

Image quality: allows you to set the quality to Superfine, Fine, or Normal.

Storage: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).

Reset: allows you to reset all camera or camcorder settings to the default values.



Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture. Image viewer options are described in the following section. The last picture you took, displays as a thumbnail in the Image viewer icon.

Viewing your Pictures

After you take a photo, you can access various options from the Image Viewer. The Image Viewer uses your Gallery. For more information, refer to *"Gallery"* on page 152.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

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

Shooting Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

---

1. From the main Home screen, tap **Camera** to activate the camera mode.
2. Touch and drag the Camera mode button down to Camcorder Mode.

3. Tap the **Recording mode** that you prefer. Choose between Normal, or Limit for MMS.
4. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
5. Before you take a video, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the video up to x4 (400 percent).

   – or –

   Pinch the screen to zoom out or pinch outwards to zoom in.
6. Tap the **Video key** ( ) to begin shooting video. The red light blinks while recording.
7. You can tap the screen to move the focus to the area you touch.
8. Tap to capture an image from the video while recording. This feature is not available when the anti-shake feature is activated.
9. Tap the **Pause key** ( ) to pause the video. Tap it again to continue recording.

10. Tap the **Stop key** ( ) to stop the recording and save the video file to your Camera folder.
11. Once the file is saved, tap the image viewer, then tap to play your video for review.
12. Press to return to the viewer.

Camcorder Options

Options are represented by icons across both sides of the screen.



Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator displays at the top left of the display. Slide the button up for Camera, or down for Camcorder.



Live Shooting: takes a photo during a video recording session in Camcorder mode. You can view the photo in your image viewer or Gallery.



Self portrait: allows you to activate the front facing camera so you can take videos of yourself or video chat.



Flash: allows you to set the flash options to Off or On. When you set the flash to On, it stays on continually while you are taking a video.



Recording mode: allows you to set the recording mode to: Normal, which is limited only by available space on the destination location and to Limit for MMS, which is limited by MMS size restrictions.



Effects: allows you to change the color tone or apply special effects to the video. Options include: No effect, Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.



Settings:

Edit shortcuts: allows you to set shortcut icons for the settings that you use the most.

Self-recording: allows you to set the front camera so you can take videos of yourself or video chat.

Flash: allows you to set the flash options to Off or On. When you set the flash to On, it stays on continually while you are taking a video.

GPS tag: allows you to turn GPS On or Off (also known as Geotagging). The location of where the video is taken is attached to the video. Before you can use the GPS tag (Geotagging), from the Home screen tap → **Settings** → **Location services** and tap **Use GPS satellites** to create a checkmark.

Self-recording: allows you to set the front camera so you can take videos of yourself or video chat.

Flash: activate or deactivate the flash. For the camcorder, the flash stays on until you turn it off.

Recording mode: allows you to set the recording mode to: Normal, which is limited only by available space on the destination location or Limit for MMS, which is limited by MMS size restrictions.

Effects: allows you to change the color tone or apply special effects to the photo. Options include: No effect, Cold vintage, Warm vintage, Posterize, Solarize, Green point, Blue point, Red-yellow point, Washed out, Cartoonify, Black and white, Sepia, or Negative.

Exposure value: allows you to adjust the brightness level by moving the slider.

Effects (continued):

Timer: allows you to set a timer for how long to wait before taking a video. Options include: Off, 2 sec, 5 sec, and 10 sec.

Resolution: allows you to set the image size to either: 1920x1080, 1280x720, 720x480, 640x480, or 320x240.

White balance: allows you to set this option to one of the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.

Guidelines: allows you to turn the guidelines On or Off.

Anti-Shake: reduces image blur due to the movement of the subject of the video or hand movement.

Contextual filename: allows you to have your location added as part of the filename. You must first activate GPS tag described above.

Video quality: allows you to set the image quality to: Superfine, Fine, or Normal.

Storage: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).

Reset: allows you to reset all camera or camcorder settings to the default values.



Image viewer: allows you to access the Image viewer and the various viewing options for a selected video. Image viewer options are described in the following section. The last video you took, displays as a thumbnail in the Image viewer icon.

Viewing your Videos

After you take a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video Player. For more information, refer to *"Gallery"* on page 152. Also, see *"Video"* on page 184.

ChatON

With the ChatON application, you can interact with friends and family with text, images, hand-written notes and video shared instantly. You can chat in groups, while a Web client will allow the easy sharing of content and conversations between your phone and PC. For more information, refer to *"ChatON"* on page 78.

Clock

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

Alarm

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

1. From the **Apps** menu, tap **Clock** → **Alarm** → **Create alarm** . The following options display:
   - **Time**: tap (**Up**) or (**Down**) to set the new time for the alarm to sound. Tap AM or PM.
   - **Alarm repeat**: use this option to set the repeating status for the alarm by tapping one the days that you want the alarm to sound. Tap the Repeat weekly checkbox to have the alarm repeat weekly.

- **Alarm type**: sets the way in which the alarm sounds when activated (Melody, Vibration, Vibration and melody, and Briefing).
- **Alarm tone**: sets the sound file which is played when the alarm is activated. Select a tone and tap **OK** or Tap **Add** to add a music file that you have on your device.
- **Alarm volume**: drag the slider to adjust the alarm's volume.
- **Location alarm**: when activated, the alarm only sounds when you are at a specific location. Touch and slide the slider to the right to turn it on  then follow the on-screen instructions to enter a location.
- **Snooze**: use this option to set an Interval (3, 5, 10, 15, or 30 Minutes) and Snooze repeat (1, 2, 3, 5, or 10 Times). Tap the ON/OFF slider to activate.
- **Smart alarm**: tracks body movements and calculates the best time for sounding the alarm. Place the phone somewhere on your bed then the phone's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the Duration and the Tone. Tap the ON/OFF slider to activate.
- **Name**: allows you to use a specific name for the alarm. The name displays on the display when the alarm activates.

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

Turning Off an Alarm

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

Setting the Snooze Feature

- To activate the Snooze feature after an alarm sounds, touch and sweep the  icon to the left. Snooze must first be set in the alarm settings. For more information, refer to *"Alarm"* on page 147.

Deleting Alarms

To delete an alarm, follow these steps:

1. From the **Apps** menu, tap **Clock**  → **Alarm** →  → **Delete**.
2. Tap the alarm or alarms you wish to delete. A green checkmark displays next to each selection. Tap **Select all** to delete all alarms.
3. Tap **Delete**.

World Clock

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

1. From the **Apps** menu, tap **Clock** → **World clock**. The clock for your time zone displays.
2. Tap **Add city** to add another city to the World Clock.
3. Scroll through the list of cities to find the city you want to add, or tap the Search bar and use the keypad to enter a city to search for.
4. Tap the city you want to add. The clock for that city displays.
5. To set Daylight Savings time, press and hold a city, then tap **DST settings**.
6. Select **Automatic**, **Off**, or **1 hour**.
7. If Daylight Savings Time is selected, the sun symbol on the World Clock listing displays orange.

Deleting a World Clock Entry

1. From the **Apps** menu, tap **Clock** → **World clock** → → **Delete**.
2. Tap the city clocks you wish to delete.
3. Tap **Delete**.

Stopwatch

You can use this option to measure intervals of time.

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

Timer

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

1. From the **Apps** menu, tap **Clock** → **Timer**.
2. The **Minutes** field is highlighted and set to 1 minute. Use the keypad to set the number of minutes you want.

3. Tap the **Hours** field to set hours if desired. As you tap different fields, they will become highlighted.
4. Tap the **Seconds** field to set seconds.
5. Tap **Start** to begin the timer and tap **Stop** to pause the timer.
6. After stopping, tap **Restart** to continue or tap **Reset** to set the timer back to the original setting.

Desk clock

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

1. From the **Apps** menu, tap **Clock** → **Desk clock**.
   The default Desk clock displays.
2. Tap to display the Desk clock in full-screen mode.
3. To make changes, tap → **Settings**.
4. The following options display while in full-screen mode:
   - **Calendar**: when this is checked, the time, day, and date displays. Tap to deselect.
   - **Weather**: when this is checked, the location, temperature, and weather condition displays. Tap to deselect.

- **Dock**: allows you to set your Dock settings such as Dock sound, Audio output mode, Desk home screen display, and Audio output.

Contacts

You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

You can also synchronize your phone Address Book with AT&T Address Book, the network backup service.

For more information, refer to *"Contacts and Your Address Book"* on page 53.

DeviceHelp

DeviceHelp provides online information to help with your device questions.

1. From the **Apps** menu, tap **DeviceHelp** .
   The **AT&T Device Help** screen displays.
2. Follow the on-screen instructions for accessing helpful information.

Downloads

The Downloads application allows you to manage all of your downloads from the Play Store and the Browser.

1. From the **Apps** menu, tap **Downloads** .
   All of your downloads are listed.
2. Tap the **Internet Downloads** tab to see all of the downloads you have made from the Browser.
3. Tap the **Other Downloads** tab to see all other downloads.
4. Tap **Sort by size** to see your downloads sorted in size order.
5. Tap **Sort by date** to see your downloads sorted in time order.

Drive

With the Google Drive application, everything that you add to your Drive from work or home is also available on your device. You can create and edit documents on your device and the changes are saved everywhere.

1. Sign on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 11.
2. From the **Apps** menu, tap **Drive** .
3. Follow the on-screen instructions to use Google Drive.
4. Press → **Help** for more information.

DriveMode

With the AT&T DriveMode application, you can set your phone to auto reply when you are driving and don't want to answer the phone. You can set auto reply to Messages, Emails, and Phone Calls. You can also allow up to five of your contacts to contact you while you are in Drive mode.

1. From the **Apps** menu, tap **DriveMode** .
   The **AT&T DriveMode** screen is displayed.
2. Read the Terms and Conditions and Privacy Policy and tap **Accept** to continue.
3. Read the additional information and tap **Continue**.
4. Follow the on-screen instructions to set up your DriveMode options.

Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email. For more information, refer to *"Using Email"* on page 74.

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 news feed, tweets from your Twitter account, photos from friends and much more.

1. From the **Apps** menu, tap **Flipboard**.
2. Tap **Get started**, select some on-screen categories and tap **Done** to create a new profile.

   – or –

   Tap **Sign In** to log into your previously created profile.
3. Follow the on-screen instructions.

Gallery

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

1. From the **Apps** menu, tap **Gallery**.

   All of the Albums that hold your pictures and videos will be displayed with folder name and number of files.
2. Tap an Album and thumbnails of the contents will be displayed.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using **My Files** or other file management applications and try again. For more information, refer to *"My Files"* on page 171.

Viewing Pictures

1. From the main gallery, press → **Slideshow** to see a slideshow of all of your pictures.
2. Tap a thumbnail to view a single picture.

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

3. The following options are available at the top of the screen:
   - **Share via**: allows you to share the picture via Bluetooth, ChatON, Email, Flipboard, Gmail, Group Play, Messaging, Picasa, S Memo, Senc single image, or Wi-Fi Direct.
   - **Delete**: allows you to delete the picture.
   - **Camera**: activates the camera.
4. Press for additional options.

Viewing Videos

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

1. Tap a video to select it.
2. Tap to play the video.
3. Press for additional options.

   For video player controls, see *"Video"* on page 184.

Using S Beam to Share Pictures

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

1. From the Home screen, tap → **Settings**.
2. If not already active, in a single motion touch and slide the **NFC** slider to the right to turn it on .
3. Tap **S Beam** and make sure the feature is turned on.

4. If not already active, in a single motion touch and slide the **S Beam** slider to the right to turn it on ON.
5. On the source device (containing the desired image or video), tap → **Gallery**.
6. Locate and tap the selected image to open it in the preview window.

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



Tap the source image

7. Place the two active NFC-enabled devices back to back to begin (1).

Note: If the **Touch to beam** screen does not appear on the source device:
- Pull them apart
- Verify the image is visible in the preview window on the source device (providing the file)
- Place them together again

8. From the **Touch to beam** screen, tap the reduced image preview to begin the transfer (2).
9. When prompted, separate the two devices. After a few seconds (depending on file size) the recipient with then see the transferred file displayed on their screen.

To share multiple pictures via S Beam:

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

Editing a Photo

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

1. From the **Apps** menu, tap **Gallery**.
2. Select a folder location and tap a file to open it.
3. With the image displayed, press → **Edit** to launch the Photo editor.

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

4. Select an image area by touching and holding the image and then selecting an available option:

- **Selection mode**: provides several on-screen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Magnetic, Lasso, Brush, Round, and Square).
- **Select all**: select the entire area of the current image.
- **Clipboard**: copies the currently selected area to your device's clipboard.

5. Use the following editor controls to edit your picture:



Previous: move to previous photo project.



Next: move to next photo project.



Rotate: allows you to rotate a photo in all 4 directions. You can also mirror image a photo.



Crop: allows you to crop (cut-out) an area of a photo.



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



Effects: allows you to add various effects to your photo.



Portrait: allows you to apply various face correction effects such as: Red-eye fix, Airbrush face, Face brightness, Out-of-focus, Beauty face, Funny face, or Spot healing.



Sticker: allows you to place various pre-created on-screen stickers atop your current image.



Drawing: allows you to add draw directly on your current picture by using either a brush/pen or eraser.



Frame: places a pre-created border style atop your current image.

6. Press  to access the following options:
- **Save as**: allows you to rename your current image and save it to your gallery.
- **Select image**: allows you to select a new image for editing.
- **Take picture**: allows you to activate the camera and take a new image for editing.
- **Share via**: allows you to share your saved photo via AT&T Locker, Bluetooth, ChatON, Email, Flipboard, Gmail, Google+, Group Play, Messaging, Picasa, S Memo, or Wi-Fi Direct.

- **Set as**: assigns the currently saved image as either a: Contact photo, Home and lock screens, Home screen, or Lock screen.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to *"Using Gmail"* on page 76.

Google

The Google search application is the same on-screen Internet search engine that is on the Google Search Bar on your main Home screen. For more information, refer to *"Application Icons"* on page 20.

Google Settings

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

1. From the **Apps** menu, tap **Google Settings** and select an on-screen option.
2. Tap one of the Google Settings options.
3. Follow the on-screen prompts to modify your Google Settings.

Google +

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+. For more information, refer to *"Google +"* on page 76.

Group Play

Group Play allows you to share pictures, music, and documents in real-time with your friends. You can create a group from your device or join other groups. You can also play games with your friends.

- From the **Apps** menu, tap **Group Play**.

Creating a group

If you have media you want to share, create a group.

1. From the Group Play main screen, if you want to set a group password, tap the **Set group password** checkbox.
2. Tap **Create group**.

3. If you selected the **Set group password** checkbox in step 1, enter a group password at the **Set group password prompt**, and tap **OK**.
   Mobile AP is enabled.
4. Tap one of the media items listed under the **Share and play content** heading.
5. Tap the items you want to share to create a checkmark, then tap **Done** or **OK**.
6. Have your friends sign onto Group Play from their devices and they can view your media using you as a Mobile AP.
7. For information on the device that is hosting the Mobile AP, tap **Menu** → **Info**.
8. For additional information, tap **Menu** → **Help**.

Joining a group

If you want to see media from your friend's phone, join a group.

1. From the Group Play main screen, tap **Join group**.
2. Your phone scans for available groups for you to join.
3. Tap a group to join.
   You will now be able to see your group's shared media.
4. For information on the device that is hosting the Mobile AP, tap **Menu** → **Info**.

Hangouts

Hangouts is a free Windows and web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends. For more information, refer to *"Hangouts"* on page 77.

Help

Provides access to built-in Help information.

1. From the **Apps** menu, tap **Help** .
2. Select a topic and follow the built-in navigation.

Internet

The Browser is your access to the mobile web. This section explains how to navigate the Browser and introduces you to the basic features.

Accessing the Mobile Web

To access the Browser:

- From the Home screen, tap **Internet** .
  The AT&T/YAHOO! mobile homepage displays.

Navigating with the Browser

1. To select an item, tap an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.
4. To return to a previous page, press .
5. To move forward to a web page, press .

Zooming in and out of the Browser

There are several ways to Zoom in and out on your browser. After tapping on a link or article, use one of these methods:

- **Tilting**: Tap and hold the screen at two points then tilt the device back and forth to reduce or enlarge the screen. You must first enable motion in the Settings section. For more information, refer to *"Motion"* on page 108.
- **Double tap**: Quickly tap the screen twice on the web page to zoom in or out.
- **Pinching**: Sweep in opposite directions at the same time to zoom in or out (use a pinching-in or pinching-out motion).

Browser Options

- From the home page, press to access the following options:
  - **Home**: Displays the main, Home screen.
  - **New window**: displays a new window so you can browse multiple URLs. For more information, refer to *"Adding and Deleting Windows"* on page 161.
  - **Add bookmark**: allows you to add a URL to your bookmark list
  - **Add shortcut to home screen**: allows you to add a shortcut to your Home screen.

- **Share page**: allows you to share the page using Gmail or as a message.
- **Find on page**: allows you to search in the current page.
- **Desktop view**: allows you to assign the browser to display the current page in the desktop view (to closely mimic the display as it would appear on a desktop computer).
- **Save for offline reading**: allows you to store the current page in memory so that it can be read later even if you loose your Internet connection.
- **Brightness**: allows you to set the screen brightness.
- **Downloads**: displays the download history.
- **Print**: allows you to print the screen or web page on compatible printers using Wi-Fi.
- **Settings**: allows you to modify your web settings. For more information, refer to *"Browser Settings"* on page 164.

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

1. Tap the **URL** field at the top of your screen.
2. Enter the URL using the on-screen keypad.

   The website displays.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. From the Google homepage, tap the URL field.
2. Enter the keyword(s) to search using the on-screen keypad and tap **Go**.
3. Tap a link to view the website.

Adding and Deleting Windows

You can have up to eight Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, press ☰ ➔ **New window**.
   A new browser window is opened.
2. Tap (**Windows**) to see thumbnails of all open windows.
3. Tap a window listing to open up that Internet window.
4. Tap ⊖ at the top right corner of the web page thumbnail to delete the window.

Going Incognito

The incognito feature allows you to view Internet sites outside of the normal browsing. Pages viewed in this incognito window won't appear within your browser history or search history, and no traces (such as cookies) are left on your device.

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

To add a new incognito window:

1. From your browser window, tap (**Windows**) ➔ (**Incognito**).
2. A new browser window displays.

Note: The incognito icon displays in the upper-left of the new browser window while you are in this mode.

To exit from the incognito window:

1. From your browser window, tap (**Windows**) ➔ (**New window**).
2. Scroll across the available windows and locate the incognito window.
3. Tap ⊖ next to the incognito listing to delete this window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites display in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, tap (**Bookmarks**). The Bookmarks page displays.
2. Press to display the following options:
   - **List/Thumbnail view**: Select **Thumbnail view** (default) to view a thumbnail of the webpage with the name listed, or select **List view** to view a list of the bookmarks with Name and URL listed.
   - **Create folder**: Creates a new folder in which to store new bookmarks.
   - **Change order**: Rearranges the current bookmarks.
   - **Move to folder**: Selected bookmarks are moved to a selected folder.
   - **Delete**: Erases selected bookmarks.
3. Tap a bookmark to view the webpage, or press and hold a bookmark for the following options:
   - **Open**: Opens the webpage of the selected bookmark.
   - **Open in new window**: Opens the webpage in a new window.
   - **Edit bookmark**: Allows you to edit the name or URL of the bookmark. For more information, refer to *"Editing Bookmarks"* on page 163.
   - **Add shortcut to home screen**: Adds a shortcut to the bookmarked webpage to your phone's Home screen.
   - **Share link**: Allows you to share a URL address using many different options.
   - **Copy link URL**: Allows you to copy the URL address to use in a message.
   - **Delete bookmark**: Allows you to delete a bookmark. For more information, refer to *"Deleting Bookmarks"* on page 163.
   - **Set as homepage**: Sets the bookmark to your new homepage.

Adding Bookmarks

1. From any webpage, tap → .
2. Use the on-screen keypad to enter the Name, Address, and the Location.
3. Tap **Save**.
4. **Saved to bookmarks** displays at the bottom of the page.

Editing Bookmarks

1. From the Bookmarks page, tap and hold the bookmark you want to edit.
2. Tap **Edit bookmark**.
3. Use the on-screen keypad to edit the Name, Address, and the Folder.
4. Tap **Save**.

Deleting Bookmarks

1. From the Bookmarks page, tap and hold the bookmark you want to delete.
2. Tap **Delete bookmark**.
3. At the **Delete** confirmation window, tap **OK**.

Emptying the Cookies

A cookie is a small file which is placed on your phone by a website during navigation. In addition to containing some site-specific information, it can also contain some personal information (such as a username and password) which can pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

1. From the Home webpage, press → **Settings** → **Privacy and security** → **Clear all cookie data**.
2. At the **Clear** prompt, tap **OK** to delete the cookies or tap **Cancel** to exit.

Using your History

The History list provides you with a list of the most recently visited websites. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, tap → **History** tab.
   A list of your most recently visited websites displays with Name and URL address.
2. Tap on a category such as **Today**, **Last 7 days**, or **Most visited**.
3. Tap any entry to display the webpage.

4. Press → **Clear history** to delete the History list.

Browser Settings

To make adjustments in your browser settings, follow these steps:

1. Tap **Internet** → → **Settings**.
2. The following options are available:

General

- **Set home page**: Sets the current home page for the Web browser.
- **Form auto-fill**: allows you to fill in web forms with a single tap.
- **Auto-fill text**: allows you to enter text to be used in the Form auto-fill feature.

Privacy and security

- **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process.
- **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process.
- **Show security warnings**: Notifies you if there is a security issue with the current website.
- **Accept cookies**: Allows sites, that require cookies, to save and read cookies from your device.
- **Clear all cookie data**: Deletes all current browser cookie files.
- **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data**: Deletes any stored data from previously filled out forms. Tap OK to complete the process.
- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords**: Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Enable notifications**: Allows website notifications. Select Always on, On demand, or Off.
- **Clear notifications**: Deletes website notificaton access information.

Accessibility

- **Force zoom**: allows you to override the website's request to control zoom.
- **Text size**: allows you to preview the text size, scale the text size using a slider bar, set the zoom amount on double tap, and minimize the font size using a slider bar.
- **Inverted rendering**: allows you to preview a website page, select Inverted rendering (black becomes white and vice versa), and adjust the Contrast using a slider bar.

Advanced

- **Select search engine**: allows you to set your default search engine to Google, Yahoo!, or Bing.
- **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
- **Enable JavaScript**: Enables JavaScript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
- **Allow multiple tabs per app**: Allows you to use multiple navigation tabs per application.
- **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.
- **Default storage**: Allows you to set your default storage to Phone or Memory Card.
- **Website settings**: View advanced settings for individual websites.
- **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
- **Open pages in overview**: Shows an overview of newly opened web pages.
- **Auto-fit pages**: Allows web pages to be resized to fit as much of the screen as possible.
- **Block pop-ups**: Prevents popup advertisement or windows from appearing onscreen. Remove the checkmark to disable this function.
- **Text encoding**: Adjusts the current text encoding.
- **Reset to default**: Clears all browser data and resets all settings to default.

Bandwidth management

- **Preload search results**: Allows the browser to preload high confidence search results in the background to help speed up searches.
- **Page preloading**: Alows the browser to preload pages in the background.
- **Load images**: Allows web page images to be loaded along with the other text components of a loaded website.

Labs

- **Quick controls**: allows you to open quick controls and hide the app and URL bars by swiping your thumb from the left or right edge of the screen.
- **Full screen**: allows you to access Full screen mode and hide the status bar.

Maps

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important! Before using Google Maps you must have at least an active data (3G) connection. The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

1. From the **Apps** menu, tap **Settings** → **More** → **Location services**.
2. Tap the **Use GPS satellites** field. A green checkmark displays next to the field.

Note: Selecting **Use GPS satellites** allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Using Maps

1. From the **Apps** menu, tap **Maps**  .
   A map displays with your location in the very center.
2. Follow the on-screen instructions to use the Maps application.

Messages

The AT&T Messages app brings your texts, calls, and voicemail messages together into a single conversation thread and is accessible by phone or computer. For more information, refer to *"Messages App"* on page 77.

Messaging

You can send and receive different types of messages. For more information, refer to *"Messaging"* on page 67.

Mobile Hotspot

This application allows you to share your phones's mobile data connection via USB or as a portable Wi-Fi hotspot. For more information, refer to "Tethering & portable hotspot" on page 125.

Mobile TV

Mobile TV is a subscription service that allows you to watch your favorite TV shows using your handset.

Note: This feature requires a paid subscription. See your AT&T Customer Service Representative for more information.

1. From the **Apps** menu, tap **Mobile TV**  .

Note: The first time you use Mobile TV, you will need to download the application from the Play Store. For more information, refer to *"Play Store"* on page 174.

2. The Play Store displays the **Mobile TV** application. Tap **Update**.

3. Tap **Accept & download**.
4. Tap **Open**.
5. Read the **Terms and Conditions** and tap **Accept & Start Trial** to continue or **Exit** to exit.
6. The Mobile TV main page displays. Follow the on-screen instructions to watch TV.

Note: Mobile TV will use a large amount of data and you are responsible for all data charges. It is strongly recommended that you upgrade to a large data plan in addition to this purchase.

Music

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

Playing Music

1. From the **Apps** menu, tap **Music** .
2. Tap a library category at the top of the screen (Songs, Playlists, Albums, Artists, Music square, or Folders) to view the available music files.
3. Scroll through the list of songs and tap an entry to begin playback.
4. The following Music controls are available:


Pause the song.


Start the song after pausing.


Press and hold to rewind the song. Tap to go to previous song.


Press and hold to fast-forward the song. Tap to go to next song.


Volume control.


Volume control showing volume muted.


Plays the entire song list once.


Replays the current list when the list ends.


Repeats the currently playing song.


Shuffles the current list of songs randomly.


Songs play in order and are not shuffled.


Lists the current playlist songs.


Displays the current song in the player window.


Assign the current song as a Favorite.


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

Music Options

To access additional options, follow these steps:

1. While in Music, press .
2. The follow options are available before you play music:

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

- **Add to playlist:** allows you to add the current music file to a selected playlist.
- **Via Bluetooth**: scans for devices and pairs with a Bluetooth headset.
- **Delete**: deletes the music file.
- **Search**: allows you to search your device for a certain song.
- **Settings**: allows you to change your Music settings. For more information, refer to *"Music Settings"* on page 169.
- **End**: allows you to end the Music app.

Music Settings

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

1. From the **Apps** menu, tap **Music** .
2. Press → **Settings**.
3. Select one of the following settings:
   - **Music menu**: this menu allows you to select which categories you want to display. Choices are: Albums, Artists, Genres, Music square, Folders, Composers, Years, Most played, Recently played, or Recently added. Tap each item that you want to display in the Music menu.

- **SoundAlive**: set a type of equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, etc.
- **Play speed**: set the play speed anywhere between 0.5X and 2.0X using the slider.
- **Music auto off**: when activated, music will automatically turn off after a set interval.
- **Lyrics**: when activated, displays lyrics when available.
- **Smart volume**: automatically adjusts each track's volume to an equal level.
- **Voice control**: allows you to use voice commands to control the Music app.

Creating a Playlist

1. From the **Apps** menu, tap **Music**.
2. Tap the **Playlists** tab.
3. Press → **Create playlist**.
4. Type a name for this playlist in the field and tap **OK**.

Adding Music to a Playlist

To add files to the playlist:

1. From the **Apps** menu, tap **Music**.
2. Tap the **Playlists** tab.
3. Tap the playlist name in which to add music.
4. Tap **(Add music)**.
5. Tap a music file, or tap **Select all** to add all the music tracks to this playlist then tap **Done**.

Removing Music from a Playlist

To remove music files from a playlist:

1. From the **Apps** menu, tap **Music**.
2. Tap the **Playlists** tab.
3. Tap the playlist name in which to delete music.
4. Press → **Remove**.
5. Tap the checkbox to the left of each track you want to remove from this playlist, or tap **Select all** to remove all the music tracks from this playlist, then tap **Remove**.

Editing a Playlist

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

To edit a playlist:

1. From the **Apps** menu, tap **Music**.
2. Tap **Playlists**.
3. Press → **Edit title**.
4. Tap a playlist name to edit.
5. Enter a new name for the playlist then tap **OK**.

For information on downloading music for your phone, see *"Play Music"* on page 173.

My Files

My Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

1. From the **Apps** menu, tap **My Files** → **All files**
2. Tap **Device storage** to see the contents of your internal SD card.

Note: If you do not have an external SD card inserted, this option will not display. All files shown will be from your internal storage.

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

3. If you have an external SD card inserted, tap **SD memory card** to see the contents of your external SD card (memory card).

myAT&T

The myAT&T application allows you to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

1. From the **Apps** menu, tap **myAT&T**.

   The **myAT&T** page displays.
2. Read the Terms and Conditions and tap **Accept** to continue.

3. Enter your **User ID** and **Password** using the onscreen keypad, then tap **Login**.
4. Follow the on-screen instructions.

Paper Artist

Paper Artist provides access to an in-device graphics program. You can start from an empty canvas or import a picture from your Gallery to get you started.

1. From the **Apps** menu, tap **Paper Artist** .
2. Follow the on-screen instructions.

Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites. For more information, refer to *"Call Functions"* on page 41.

Photos

This application (also known as Google Photos) provide a means for automatically backing up your photos and videos to a centralized Google cloud location.

1. From the **Apps** menu, tap **Photos** .
2. If prompted, tap **Sign in** to complete the registration process, or tap **Not now** to continue using the product without registration.

3. Follow the on-screen prompts to configure a connection method and other related parameters.

Play Books

With Google Play Books, you can find more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

1. From the **Apps** menu, tap **Play Books** .
2. Log on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 11.
3. Follow the on-screen instructions for using the Play Books application.

Play Games

This application takes you directly to the Play Store Games area where you can download games.

1. From the **Apps** menu, tap **Play Games** .
2. Log on to your Google account if you have not already done so.
3. Select an available on-screen option and follow the on-screen instructions.

Play Movies & TV

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

1. From the **Apps** menu, tap **Play Movies & TV**  .
2. Log on to your Google account if you have not already done so.
3. Following the on-screen instructions for renting and viewing movies and TV shows.
4. Tap the **MOVIES** tab to view movies you can rent.
5. Tap the **TV SHOWS** tab to view shows you can rent.
6. Tap the **PERSONAL VIDEOS** tab to view movies you have on your phone or memory card.
7. Press for additional options.

Play Music

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

1. From the **Apps** menu, tap **Play Music**  .
   All music on your device and external SD card is displayed including Music folders that may contain multiple songs.
2. Tap a song to start playback.
3. From the main Play Music screen, you can tap any of the following tabs for a more detailed listing of songs: Playlists, Recent, Artists, Albums, Songs, and Genres.
4. Tap for the following options:
   - **Shuffle all**: allows you to play all of your music in a shuffled order.
   - **Settings**: allows you to view Open source licenses and the music version for the Play Music application.
   - **Help**: allows you to view a help file on the Google Support website.

Play Newsstand

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

1. From the **Apps** menu, tap **Play Newsstand** .
2. Log on to your Google account if you have not already done so. For more information, refer to *"Creating a New Google Account"* on page 11.
3. Sweep the screen to the left or right to view various categories.
4. Tap a magazine to see more information and subscribe.
5. Follow the on-screen instructions to subscribe to a magazine.

Play Store

Play Store provides access to downloadable applications and games to install on your phone. Play Store also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Before using the Play Store you must have a Google Account. For more information, refer to *"Using Gmail"* on page 76.

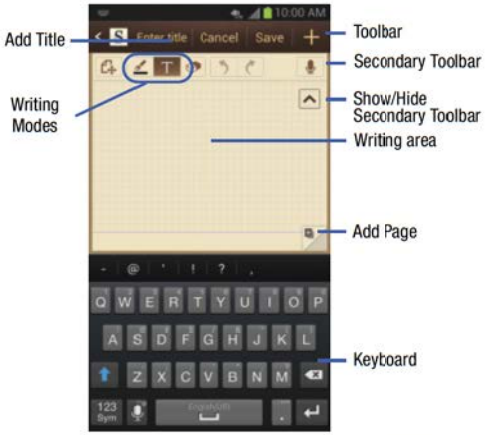
1. From the **Apps** menu, tap **Play Store** .
2. Sign in to your Google account.
3. The first time you sign in, the Play Store Terms of Service displays. Tap **Accept** to continue or **Decline** to exit.
4. Tap **Apps**, **Games**, or **AT&T** to download or purchase games or applications. You can also download updates to existing applications.
5. Follow on the on-screen instructions.

S Memo

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

Creating a New Memo

1. From the **Apps** menu, tap **S Memo**.
   The S Memo screen displays.
2. Tap an existing Memo to open it then tap the screen to enter edit mode.
   – or –
   Tap to start a new memo in text mode with the keypad displayed or tap to start a new memo in drawing mode using your finger or a compatible on-screen writing tool. You can change back and forth in a memo to add text with the keypad and the pen.



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

- Saves the existing memo and creates a new one.
- Displays the full screen.
- Allows you to add free-format drawing.

Displays the keypad to you can add text.

Eraser tool allows you to erase marks and drawings.

Undo the last action.

Redo the last action that was undone.

Make a voice recording to add to the memo.

Hide the secondary toolbar.

Show the secondary toolbar.

Add an additional page to the memo.

3. When you are finished creating your memo, tap **Save** on the top menu bar.
4. Press to access additional options.

S Suggest

This application provides on-screen recommendations for applications that are specifically supported and made for use on your device.

Note: Access to this feature requires that you already be logged in to your Samsung account application. For more information, refer to *"Creating a Samsung Account"* on page 10.

1. From the **Apps** menu, tap **S Suggest**.
2. Read the terms and conditions.
3. Place a check mark in the **Agree** field then tap **Agree**.
4. Select an application from one of the available categories (Picks, Categories, Games, Friends, and Info.
5. Follow the on-screen download and installation instructions.

S Voice

With the S Voice application you can use your voice to perform operations that you would normally have to do by hand such as dialing a phone number, texting a message, playing music, and more.

1. From the **Apps** menu, tap **S Voice** .
2. Read the Samsung Disclaimer then tap **Confirm** to continue.
3. Read the Vlingo Terms of Service then tap **Agree** to continue.
4. Read the information on the **About S Voice** screen, then tap **Next**.
5. Read the information on the **Say what you want** screen, then tap **Next**.
6. Read the information on the **Wake up S Voice** screen, then tap **Next**.
7. Read the information on the **Edit what you said** screen, then tap **Next**.
8. After the **Help** screen displays, tap an item for more information, then tap **Finish**.
9. At the S Voice screen, tap or say "Hi Galaxy" to wake up S voice.
10. Speak into the phone and follow the on-screen instructions.
11. Press for additional options.

Samsung Apps

With Samsung Apps, you can download hundred of applications from a variety of categories.

1. Sign on to your Samsung account if you have not already done so.
2. From the **Apps** menu, tap **Samsung Apps** .
3. Tap an application that you would like, then tap **Get**.
4. Tap **Accept and download**.

   The application is downloaded to your device. You can find the app icon in your app menu.
5. Press → **Help and notices** for additional information.

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.

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

Note: Samsung Hub usage is based on service availability.

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.

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

Creating a New Samsung Hub Account

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

1. Confirm you have already logged in to your Samsung account.
2. From the **Apps** menu, tap **Samsung Hub** .
3. When prompted to connect via 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.

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

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

5. Press → **Help** for additional information.

Using Samsung Hub

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

1. From the **Apps** menu, tap **Samsung Hub**  .
   - The Overview screen (anding 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 at 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 at 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 will be viewable on only 1 device in your account at a time.
- Media Content is downloaded and saved to your authorized device's SD card. No SD Card included out of box.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching Media Content within the time limit set out for each piece of content (which may be as short as 24 consecutive hours).

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

Samsung Link

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

Samsung Link 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 via a digital multimedia streamer.

Important! You must first connect both of your communicating devices to the same Wi-Fi and be using an active/registered Samsung account prior to using this application. For more information, refer to *"Wi-Fi Settings"* on page 80. For more information, refer to *"Creating a Samsung Account"* on page 10.

1. From the **Apps** menu, tap**Samsung Link** .
2. Tap **Sign in** to sign into your Samsung Account if you have not already done so.
3. If prompted, read the on-screen message about network charges and tap **OK** to continue and return to the main Samsung Link screen.
4. Tap **Start** and follow the on-screen prompts.
5. Scroll across the application screen to view either **MY RECENT CONTENT** or **DEVICES & STORAGE**.
6. The DEVICES & STORAGE screen 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, etc.) directly on your device by allowing you to add a Web storage service for streaming content.

Configuring Samsung Link Settings

Samsung Link 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 **Apps** menu, tap **Samsung Link** → **DEVICES & STORAGE tab**.
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 will not be able to 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.
   - **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 **Apps** menu, tap **Samsung Link** .

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

2. Tap **Add storage** and choose from: SugarSync, Dropbox, or SkyDrive.
3. Follow the on-screen instructions to register or log into your cloud service.

4. Once the process is successfully completed, the Web storage icon or name appears in the Web storage area of the main screen.
5. From the main screen, select a connected device and then tap on the media that you would like to share.
   - A file with (N) 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. Tap at the top right corner of your screen, then tap next to the web storage service that you want to delete.
3. At the **Notification** prompt, tap **OK**.

Sharing Media via Samsung Link to a Target Device

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

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

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

3. Tap 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 (N) 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.

Settings

This widget navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to *"Changing Your Settings"* on page 79.

Usage Manager

This app is a shortcut to your Data usage settings so you can manage your data.

- From the **Apps** menu, tap **Usage Manager** .

  For more information, refer to *"Data Usage"* on page 82.

Video

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

1. From the **Apps** menu, tap **Video** .

   All videos that you have on your phone and memory card will be displayed.
2. Tap the video that you want to play.

   The video will begin to play.
3. The following video controls are available:

   Pause the video.

   Start the video after being paused.

   Press and hold to rewind the video. Tap to go to previous video.

Press and hold to fast-forward the video. Tap to go to next video.

Volume control.

PIP (Picture In Picture) view. The video will be played in a small window so you can use your phone for other purposes while watching the video. Double-tap screen to return to previous size.

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

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

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

Streams the video to another device via Samsung Link.

Note: The screen view icons are a three-way toggle. The icon that is displayed, is the mode that will appear after the icon is tapped.

For more information on downloading videos for your phone, see *"Samsung Hub"* on page 178.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately share it using Samsung Link, Messaging, Gmail, or via Bluetooth. Recording time will vary based on the available memory within the phone.

1. From the **Apps** menu, tap **Voice Recorder** .
2. To start recording, tap **Record** and speak into the microphone.
3. During the recording process you can either tap **Stop** to stop and save the recording or **Pause** to temporarily halt the recording. After pausing, tap **Record** to resume recording. Once the audio recording has stopped, the message is automatically saved. Tap **Cancel** to cancel the recording without saving.

4. Tap **List** to display a list of all your voice recordings. Tap a voice recording to play it.
5. On the bottom left corner of the display, is the recording quality icon. Tap to toggle between Normal and High quality recording.
6. Press for additional options.

Voice Search

This application launches the Google Now application that is used for voice to text Internet searching.

1. From the **Apps** menu, tap **Voice Search**.
2. When prompted, speak into the built-in microphone.
3. Use the displayed options to find a matching search term.

YouTube

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

Note: YouTube is a data-intensive feature. It is recommended that you upgrade to a large data plan to avoid additional data charges.

1. From the **Apps** menu, tap **YouTube**.
2. Tap the search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. Touch → **Settings** for additional options.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options, tap **Sign in** at the top left corner, enter your YouTube or Google username and password, and tap **Sign in**.

YPmobile

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favcrite searches. This application allows you to tap into local businesses, locations, and events, connecting you to your search in real-time.

Note: The first time you use YP, you will need to download the updated application from the Play Store. When the Play Store page displays, tap **Update** or **Install** then follow the onscreen instructions. For more information, refer to *"Play Store"* on page 174.

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1. From the **Apps** menu, tap **YPmobile** YP.
2. Sign on to your Google account if you have not already done so. For more information, refer to *"Creating a New Google Account"* on page 11.
3. The first time you access YP, tap **Take a Tour!** to learn more about the YP app, or tap **Skip**.
4. Sign in using an email account or your Facebook account or tap **Skip to Home**.
5. Tap the **What do you want to find?** field to start a search.
6. Results will be displayed.
7. Follow the on-screen instructions to use the YP app.
8. Tap to display additional optiors.

Section 9: Samsung Product Registration

Sign Up Now

Customize your Samsung device experience

- Activate product warranty
- Access to a personalized My Samsung Mobile account
- No monthly fees

Get More

- Latest info on promotions, events and special offers on related products
- Review Samsung products and share your opinion
- Great deals on downloads

Register now at
www.samsung.com/register

Scan this code to go
directly to the registration page.

SAMSUNG
mobile

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