

Samsung Mesmerize™

a GALAXY S™ phone

exclusively at  U.S. Cellular

P O R T A B L E D U A L - B A N D
M O B I L E P H O N E

User Manual

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

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Section 1: Getting Started

This section allows you to quickly start using your phone by installing and charging the battery, activating your service, and setting up voicemail.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 142.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 114.

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

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the phone or keypad. For more information, see “*Securing Your Phone*” on page 13.

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

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

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

Special Text

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

- **Notes:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tips:** Provides quick or innovative methods, or useful shortcuts.
- **Example:** Gives an example of the feature or procedure.
- **Important:** Points out important information about the current feature that could affect performance.
- **Warning:** Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your phone.

Text Conventions


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

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

Example: “From the Home screen, touch  **Menu** → **Settings** → **Wireless & networks** → **Wi-Fi settings**.”

Displaying Your Phone Number

My phone number displays the ten-digit phone number assigned to your phone.

- From the Home screen, touch  **Menu** → **Settings** → **About phone** → **Status**.

Battery


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

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

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

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

Battery Indicator

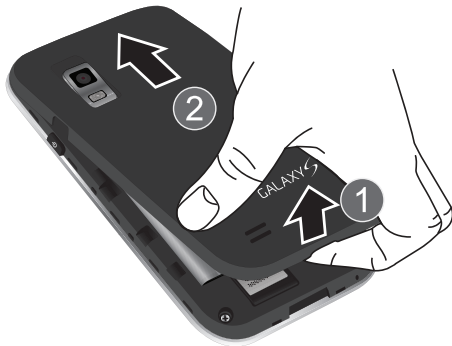
The battery icon  in the Annunciator Line shows battery power level. Two to three minutes before the battery becomes too low to operate, the empty battery icon will flash and a tone will sound. If you continue to operate the phone without charging, the phone will power off.

Battery Cover

The battery is under a removable cover on the back of the phone.

Removing the battery cover

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



Installing the battery cover

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

Installing the Battery

1. Remove the battery cover. (For more information, see *"Removing the battery cover"*.)
2. Insert the battery into the phone, aligning the gold contacts on the battery with the gold contacts in the phone. Push down on the bottom of the battery until it snaps into place.



3. Install the battery cover.

Removing the Battery

1. Remove the battery cover. For more information, see *"Removing the battery cover"* on page 7
2. Lift the battery up by the slot provided.



3. Lift the battery up and out of the phone.

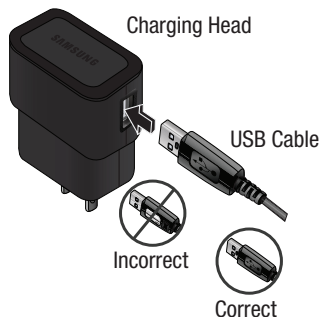
Charging the Battery

Your phone comes with a Wall/USB Charger (Charging Head and USB cable) to rapidly charge your phone from any 120/220 VAC outlet.

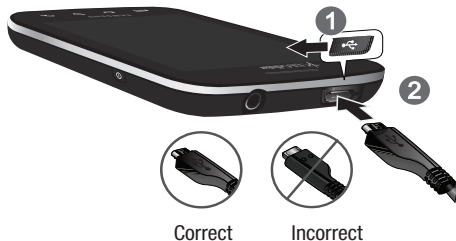
Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

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

1. Connect the USB cable to the charging head.



2. On the phone, slide the connector cover (1) to expose the connector.



3. Insert the USB cable into the port (2).
4. Plug the charging head into a standard AC power outlet.
5. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

Non-Supported Batteries

Samsung handsets do not support the use of non-approved batteries.

Important!: Using a non-supported battery may damage to your phone.

When using a non-supported battery you will hear a series of beeps and see a warning message:

“NON-SUPPORTED BATTERY. SEE USER MANUAL”

If you receive this warning, battery charging has been disabled.

Samsung charging accessories, such as the charging head and cigarette lighter adapter, will only charge Samsung-approved batteries.

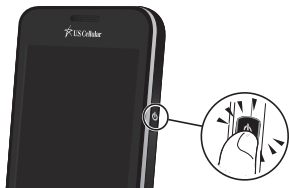
Note: When using a non-supported battery, the phone can only be used for the duration of the life of the battery and cannot be recharged.

Turning Your Phone On and Off

Turning Your Phone On

- ▶ Press and hold the  **Power/Lock Key** for three seconds.

While powering on, the phone connects with the network, then displays the Home screen and active alerts.



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

Turning Your Phone Off

1. Press and hold the  **Power/Lock Key** for two seconds.
2. At the prompt, tap **Power off**.


Your Google Account

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

To create a Google account, or set up your Google account on your phone:

- Use the Set-up Wizard (see “*Set-up Wizard*” on page 11)
- Use Accounts & sync settings (see “*Accounts & sync*” on page 106)

Displaying Your Phone Number

- ▶ From the Home screen, touch  **Menu** → **Settings** → **About phone** → **Status**.

Your phone number displays under **Phone number**.

System Tutorial


Learn about important concepts to get the most out of your phone.

- ▶ From the Home screen, touch  **Menu** → **Settings** → **About phone** → **System tutorial**.

Set-up Wizard

The first time you turn your phone on, the Set-up Wizard will prompt you to customize your phone. Use the Set-up Wizard to set up your accounts, and to view helpful information about the phone.

To access the Set-up Wizard at any time:

1. From the Home screen, touch  **Menu** → **Settings** → **Set-up Wizard**.
2. Follow the prompts to configure:
 - **Add an account:** Configure access to your Facebook, Twitter, MySpace, Corporate or Google accounts. For more information, see “Accounts” on page 34
 - **My Location:** Configure your phone's use of location services. For more information, see “My Location” on page 101

Voicemail

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


For more information, see “Voicemail” on page 33.

TTY Mode

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

For more information, see “TTY Mode” on page 97

Roaming

When you travel outside your home network's coverage area, your phone can roam to acquire service on other compatible digital networks. When Roaming is active, the Roaming icon  appears in the Annunciator Line of the display.

Tip: You can set your phone's roaming behavior. For more information, see “Mobile networks” on page 96.

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

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

Memory Card

Your phone includes a removable 16GB microSDHC™ memory card, for storage of music, pictures, and other files, and supports optional microSD™ or microSDHC™ memory cards of up to 32GB capacity.

Note: You can only store music files that you own (from a CD or purchased using the phone) on a memory card.

Installing a Memory Card

1. Remove the battery cover. (For more information, refer to “Removing the battery cover” on page 7.)


2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place (1).



3. Install the battery cover. (For more information, refer to “Installing the battery cover” on page 7.)

Removing a Memory Card

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

1. From the Home screen, touch  **Menu** → **Settings** → **Storage** → **Unmount SD card**.
2. Remove the rear cover. (For more information, refer to “*Removing the battery cover*” on page 7.)
3. Gently press on the memory card, then release so that it pops out from the slot, and carefully pull the card out (2).
4. Install the cover. (For more information, refer to “*Installing the battery cover*” on page 7.)

Securing Your Phone

By default, the phone locks automatically when the screen times out, or you can lock it manually. You can unlock the phone using one of the default Unlock screens, or for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see “*Screen unlock settings*” on page 102.


For other settings related to securing your phone, see “*Location & security*” on page 101.

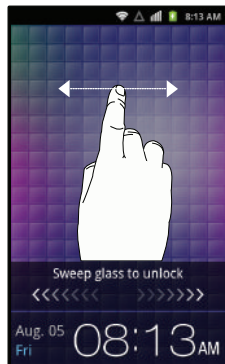
Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

Locking the phone manually

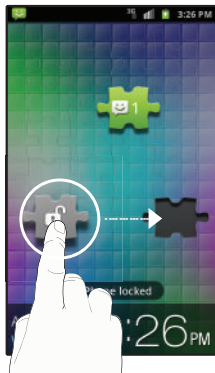
- Press the  **Power/Lock Key** on the side of the phone.

Unlocking the phone


1. Press the  **Power/Lock Key** to wake the screen.
2. If there are no Notification alerts on your phone, touch and swipe left or right to show the screen that was visible when the phone was locked.





3. If there are Notification alerts on your phone, touch and drag the unlock puzzle piece to fit it into the empty space to show the screen that was visible when the phone was locked.
4. Special puzzle pieces display for missed calls or new messages. Drag a missed call or new message puzzle piece to the empty space to view the message or call log.



Unlocking with a Personal Screen Unlock Pattern

1. Press the  **Power/Lock Key** to wake the screen.
2. Draw your personal unlock pattern on the screen.

Unlocking with a Personal Screen Unlock Pin or Password

1. Press the  **Power/Lock Key** to wake the screen.
2. Enter your Pin or your Password on the screen.
3. Touch .

Section 2: Understanding Your Phone

This section outlines key features of your phone, including keys, displays, and icons.

Features

- 4-inch (800x480 pixel) Super AMOLED touch screen
- CDMA 1X/EVDO RevA Wireless Technology
- Android OS (version 2.3.4)
- Full integration with Google applications, including Google Search, Google Maps, Google Talk, and Gmail
- Android Market, plus pre-loaded applications
- Connections
 - Wi-Fi 802.11 b/g/n
 - Wireless Modem Service
 - Bluetooth 2.1 + EDR
- Messaging Services
 - Text Messaging
 - Picture Messaging
 - Video Messaging
 - Voice Messaging
 - Email
 - Mobile Instant Messenger (IM)
 - Chat
- 5 Megapixel CMOS Camera/Camcorder
- Picture Gallery, supporting JPEG, PNG, GIF, A-GIF, WBMP, and BMP formats
- HD Video Player (720p), supporting H.263, H.264, MPEG4, 3GP, 3G2 (v9), Xvid, and DivX formats
- DivX Certified® to play DivX video up to HD 720p, including premium content.
- Music Player, supporting MP3 format
- Speakerphone
- Voice recognition by Nuance®
- Support for microSD™ and microSDHC™ Memory Cards (up to 32 GB capacity) (A 16GB microSDHC Memory Card is included with your phone.)
- Ring tone and alert tone support for WAV, MP3, AAC, AAC+, eAAC+, AMR-NB, AMR-WB, WMA (v9/10), EVRC, QCELP, MIDI, and SP-MIDI formats
- Bluetooth® 2.1 + EDR Wireless Technology. For more information about supported profiles, see “*Bluetooth profiles*” on page 94.

Front View



1. **Earpiece and Sub-microphone:** Listen to callers. In Speakerphone mode, captures your voice. While recording video, captures audio. Avoid covering the sub-microphone during Speakerphone mode or when recording video.
2. **Microphone:** Using during calls to allow callers to hear your voice, and when recording.
3. **Menu Key:** Touch to display options for the current screen.
4. **Home Key:** Touch to display the Home screen. Touch and hold to display recent applications or launch Task Manager.
5. **Back Key:** Touch to return to the previous screen or option.
6. **Search Key:** Touch to launch Search, to search your device or the web.

Side Views



1. **Strap Hook:** Attach an optional carrying strap (not included).
2. **Volume Key:** From the Home screen, press to adjust Master Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.
3. **Power/Lock Key:** Press to lock the phone, or to wake the screen for unlocking. Press and hold to turn the phone on or off. When the phone is on, press and hold to access Phone options: Silent mode, Airplane mode and Power off.

Back View



1. **3.5mm Headset Jack:** Plug in an optional headset or TTY equipment.
2. **Camera Lens:** Used when taking photos or recording videos.
3. **Camera Flash:** Used when taking photos.
4. **External Speaker:** Plays ringtones, call audio when in Speakerphone mode, music and other sounds.
5. **USB Power/Accessory Port:** Plug in a USB cable for charging or to sync music and files.

Touch Screen Display

Your phone's display is the interface to its features.



1. **Annunciator Line:** Presents icons to show network status, battery power, and connection details. (For more information, refer to “*Annunciator Line*” on page 20.)
2. **Home screen:** The starting point for using your phone. Place icons, widgets and other items to customize your phone to your needs. For more information, see “*Home Screen*” on page 23
3. **Primary Shortcuts:** Shortcuts to your phone's common features. For more information, see “*Primary Shortcuts*” on page 22.
4. **Shortcuts:** Shortcuts to common applications. These shortcuts are found on the Home screen by default. For more information, see “*Shortcuts*” on page 26.
5. **Widgets:** Applications that run on the Home screen. These widgets are found on the Home screen by default. For more information, see “*Widgets*” on page 25.

Display settings

You can customize display settings to your preferences. For more information, see “*Display settings*” on page 100

Annunciator Line

The Annunciator line displays icons to show network status, battery power, and other details.



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



Airplane Mode Active: All wireless communications are disabled. (See “Airplane mode” on page 95.)



System Alert: Check Notifications Panel for alerts.



Voice Call: A voice call is in progress.



Speakerphone: Speakerphone is enabled.



Missed Call: Displays when there is a missed call.



Battery Level: Shown fully charged.



Charging Indicator: Battery is charging.



Device Power Critical: Battery has only three percent power remaining. Charge immediately.



3G Connection Active: Phone is active on a 3G system.



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



New Voicemail: You have new voicemail.



New Email Message: You have new email.



Alarm Set: An alarm is active. (For more information, refer to “Clock” on page 83.)



Silent mode: All sounds except media and alarms are silenced and Vibrate mode is not active. (See “Silent mode” on page 98.)



Vibrate mode: All sounds are silenced, and Vibrate is set to Always or Only in Silent mode. (See “Sound settings” on page 98.)



SD Card Ready: An optional memory card is installed.



SD Card Removed: A memory card was uninstalled.



Bluetooth Active: Bluetooth is turned on.



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



Wi-Fi Action Needed: Action needed to connect to Wireless Access Point (WAP).



TTY: TTY Mode is active.

Navigation

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

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. For more information, see “*Warranty Information*” on page 133.


Command Keys

Menu Key

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

Home Key

Touch  **Home** to display the Home screen.

Touch and hold  **Home** to display recent applications and Task Manager.

Back Key

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

Search Key

Touch  **Search** to launch Quick Search, to search the web and your phone.

Context-sensitive Menus

While using your phone, context-sensitive menus offer options for the feature or screen. To access context-sensitive menus:

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

Touch

Touch items to select or launch them. For example:

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

Touch and Hold

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



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



Sweep

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

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

Primary Shortcuts

Primary Shortcuts appear at the bottom of the display. You can edit the Primary Shortcuts, except for the  **Applications** /  **Home** shortcut.

Note: When you access **Applications**, the  **Home** shortcut replaces the  **Applications** shortcut to provide quick return to the Home screen.

The default primary shortcuts are:



Phone: Launches the Phone, to make calls. For more information, see *“Making Calls”* on page 29



Contacts: Store and manage your contacts. For more information, see *“Contacts”* on page 37



Messaging: Send and receive messages. For more information, see *“Messaging”* on page 52



Applications: Access your phone's applications. For more information, see *“Applications”* on page 80

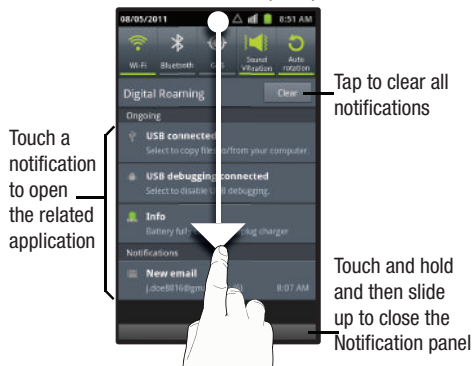
Editing the Primary Shortcuts

1. From the Home screen, touch  **Applications**.
2. Touch  **Menu** → **Edit**.
3. Touch and drag an icon to replace a primary shortcut.
4. When you are finished, touch  **Menu** → **Save**.

Notification Panel

The Notification Panel shows information about connections, messages and other items.

- Sweep your finger downward from the top of the screen. To close Notification Panel, tap the panel.



Connection Buttons

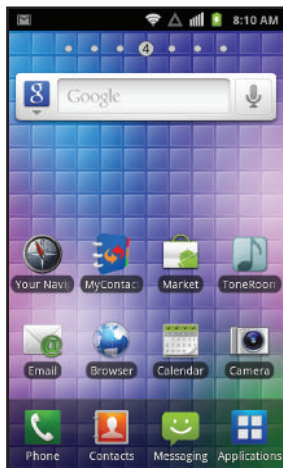
Buttons at the top of the Notification Panel show connection statuses for **Wi-Fi**, **Bluetooth**, **GPS**, **Sound Vibration**, and **Auto rotation** mode. You can enable or disable any of these connections and modes by touching the appropriate button.

Clearing Notifications

1. Sweep your finger downward from the top of the screen to display the Notifications Panel.
2. Touch **Clear** to clear all notifications.

Home Screen

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



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

Extended Home Screen

The Home screen consists of the Home panel, plus 6 panels that extend beyond the display width to provide more space for adding shortcuts, widgets and folders.

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


Customizing the Home Screen

Customize the Home screen to suit your preferences.

- **Add Shortcuts:** For more information, see “Shortcuts” on page 26.
- **Add Widgets:** For more information, see “Widgets” on page 25.
- **Add Folders:** For more information, see “Folders” on page 27.
- **Change the Wallpaper:** For more information, see “Wallpapers” on page 28.

Adding and removing Home screen panels

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

1. From the Home screen, touch  **Menu** → **Edit page**.
2. Sweep your finger across the screen to scroll the panels, and use these controls to configure panels:



Remove: Drag and drop the panel a top of the trash can icon to remove screen.



Add: Scroll the panels to display the location for a panel, then touch the **Add** button. Add previously-removed panels up to the default total of seven.

Widgets

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

Adding Widgets to the Home screen

1. Navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Widgets**, then touch a selection to add it to the Home screen.



AccuWeather® Clock: Display a clock with weather information from AccuWeather.com®.



Buddies now: Choose contacts to display in the Buddies now widget, to quickly call or send a message from the Home screen.



Calendar: Display a calendar showing the current date highlighted in a month format.



Calendar Clock: Display an analog clock with the current date.



Daily briefing: Monitor weather, your favorite stock, news, and your calendar on the Home screen.



Days: Display and maintain a daily Diary.



Dual Clock: Display two time zones.



Feeds and Updates: Synchronize feeds and updates from Facebook, MySpace, and Twitter to display on a Home screen.



Google Search: Launch Google Search.



Home screen tips: View tips about using your phone's Home screens.



Latitude: Share your location with selected people.



Market: Download applications from the Android Market.



News & Weather: Launch Google news and weather.



Picture frame: Display a picture.



Power control: Set network and power settings.



Program Monitor: Monitor active applications, and running in the background.



Rate Places: Quickly assign ratings to places you visit, and share the ratings.



Traffic: Display traffic information for a particular destination.




Y! Finance Clock: Display a clock with financial information from Yahoo!® Finance.



YouTube: Search YouTube and watch videos.

Removing Widgets

- Touch and hold the Widget until the  **Remove** icon appears, then drag the Widget to the **Remove** icon to remove the widget from the panel.

Shortcuts

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

Adding Shortcuts from the Add Home screen menu

1. Navigate to a Home screen panel, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Shortcuts**, then touch a selection:
3. Follow the prompts to configure the Shortcut and add it to the Home screen.



Applications: Launch an application. For a list, see “Applications” on page 80.



Bookmark: Launch a bookmarked web page.



Contact: View a contact you specify.



Direct dial: Automatically call a contact you specify.



Direct message: Create a message to a contact you specify.



Directions & Navigation: Provides turn-by-turn directions for car, bus, bike, or walking trips. You can also save directions to a particular destination.




Latitude: Obtain GPS settings from interactive maps.




Settings: Go to a specific setting.

Adding Shortcuts from the Applications screen

1. Navigate to a Home screen panel.
2. Touch  **Applications**.
3. Touch and hold on an Application icon. The Shortcut icon or Widget is automatically placed on the selected Home screen. (For more information, refer to “Applications” on page 80.)

Removing Shortcuts

- Touch and hold the Shortcut until the  **Remove** icon appears, then drag the Shortcut to the **Remove** icon to remove the Shortcut from the panel.

Folders

Place Folders on the Home screen to organize items together on the Home screen.

1. Navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Folders**, then touch a selection to add it to the Home screen:



New folder: Create a new empty folder.



All contacts: Create a folder containing all contacts.



Contacts with phone numbers: Create a folder containing contacts with stored phone numbers.



Received list from Bluetooth: Create a folder containing a list of items received via Bluetooth.




Recent documents: List of the latest files stored to your phone.



Starred contacts: Create a folder containing contacts marked as Favorites.

Removing Folders

- ▶ Touch and hold the Folder until the  **Remove** icon appears, then drag the Folder to the **Remove** icon to remove the widget from the panel.

Wallpapers

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

1. From the Home screen, touch and hold on the screen to display the **Add to Home screen** menu, then touch **Wallpapers**.

— or —

From the Home screen, touch  **Menu** → **Wallpaper**.

2. Choose a source for images:
 - **Gallery:** Access the Gallery to choose a picture from an optional installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch **Save** to save the picture as wallpaper.
 - **Live wallpapers:** Choose from pre-loaded animated wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.
 - **Wallpaper gallery:** Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Section 3: Call Functions


This section describes how to make, answer or end calls.

Making Calls




Your phone offers multiple ways to make calls:

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

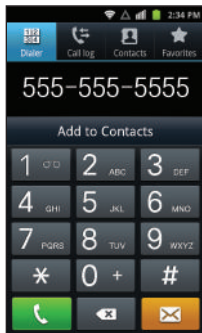
Making Calls Using the Phone Dialer

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

2. Touch the digits of the telephone or speed dial number on the **Dialer** keypad. While dialing, use these options:


- Touch  **Menu** → **Speed dial setting** to dial or set Speed Dials.
- Touch  **Menu** → **Add 2 sec pause** to insert a 2-second pause in the telephone number.
- Touch  **Menu** → **Add wait** to insert a Wait pause in the telephone number, to pause dialing to wait for input from you.

3. Touch  to place the call.





Making Calls using Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact. (For more information, refer to “*Speed Dials*” on page 44.)

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



Making Calls from Contacts

A contact is an entry that you have created to store the name, numbers, and other information for people or groups of interest. (For more information, refer to “*Contacts*” on page 37.)

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




Making Calls using Voice Commands

Place a call by speaking the name or number. (For more information, refer to “*Voice Commands*” on page 88.)

1. From a Home screen, touch  **Applications** →  **Voice Commands**. You are prompted to speak a command.
2. Say “**Call**” followed by a Contact name or a phone number.




Making Calls using Favorites

Favorites are contacts that you designate as favorites by starring them. For more information about creating favorites, see “*Favorites*” on page 41

1. From a Home screen, touch  **Phone**.
2. Touch  **Favorites** to display favorites.
3. Find the contact and touch it to open the Contact entry.
4. Touch  to dial the default number for the Contact.

Making Calls from Call Log


Return a call, or call a number from a recent call stored in Call log. For more information about Call log, see “*Call Log*” on page 32

1. From the Home screen, touch  **Phone**.
2. Touch  **Call log** to display recent calls.
3. Find a call, then touch  to dial the number.

Three-Way Calling


Merge two calls to set up a three-way call between you and two other parties.

Setting up a Multi-Party Call

1. Establish a call, either by dialing or answering an incoming call.
2. Touch **Add Call**. The first call is placed on hold, and the **Dialer** displays.
3. Enter the second phone number, then press .
4. Touch **Merge**. The two calls are joined into one, 3-way call.

Answering Calls

To answer an incoming call:


- ▶ On the Incoming call screen, touch and drag  to the right.

Sending Calls to Voicemail

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

Ignoring a call

When you ignore a call, the caller is directed to leave a voicemail.

- ▶ On the Incoming call screen, touch and drag  to the left.

Ignoring a call with a message

You can reject an incoming call by sending the caller a text message. You can create a new message, or choose a message you previously created. For more information about creating ignore messages, see *“Ignore with message”* on page 96

1. On the Incoming call screen, touch **Reject with message**.
2. Touch **Create new message**, then enter new text.
3. Touch **Send** to send the text message.

Answering Call-Waiting Calls

When you receive a call while on a call:

- Touch and slide **Answer** to answer the incoming call. The original call is placed on hold, and remains on hold until you end the second call, or swap calls back to the original call.
- Touch **Swap** to place a call on hold and return to the original call.

In-Call Options

While in a call, you can use these features:

- **Add call:** Display the Phone Dialer to set up a multi-party call.
- **End call:** End the phone call.
- **Dialpad:** Display a dialpad to enter numbers.
- **Bluetooth:** Switch the call's audio to a Bluetooth headset.
- **Mute:** Mute or unmute your voice on the call.
- **Speaker:** Enable or disable speakerphone.

Ending a Call

- Touch  .

Silencing an Incoming Call Ringtone

When your phone alerts you to an incoming call, you can silence the ringtone for the call by doing the following:

- Press the **Volume Key** down.



Call Log

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

Accessing Call Log

- From the Home screen, touch  **Phone** →  **Call log**.

Sending Messages using Call Log



1. From the Home screen, touch  **Phone** →  **Call log**.
2. To create a new message, with the phone number entered in the **To** list, touch and hold on a call record, then select **Send message**.

— or —

Touch a call record, then touch  .




3. Continue creating the message. (For more information, refer to “*Creating and Sending Messages*” on page 52.)

Creating or Updating Contacts Using Call Log

1. From the Home screen, touch  **Phone** →  **Call log**.
2. Touch and hold on a call record, then select **Add to Contacts** from the pop-up menu.
3. Choose **Create contact** or **Update existing**.
4. Continue entering contact information. For more information, see “*Contacts*” on page 37




Managing the Call Log

Deleting Call log records

1. From the Home screen, touch  **Phone** →  **Call log**.
2. While viewing the Call log, touch  **Menu** → **Delete**.
3. Touch call records to mark them for deletion, or touch **Select all**. A check appears in the check box to show marked records.
4. Touch **Delete** to delete marked records.




Tip: You can also delete an individual call record by touching and holding a call record, then selecting **Remove**.

Filtering Call log records

1. From the Home screen, touch  **Phone** →  **Call log**.
2. While viewing the Call log, touch  **Menu** → **View by**.
3. Select a filter type, from **All calls**, **Missed calls**, **Outgoing calls**, or **Incoming calls**.

Viewing call durations



View the length of the Last call, all Dialed calls, all Received calls, or All calls.

1. From the Home screen, touch  **Phone** →  **Call log**.
2. While viewing the Call log, touch  **Menu** → **View call timer**.



Voicemail

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

Setting up Voicemail

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

Checking Voicemail

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

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

Section 4: Accounts and Contacts

This section explains how to manage your accounts and contacts.

Accounts

Your phone provides the ability to synchronize information from a variety of accounts, including Google, a Corporate Exchange server, and social networking sites such as Facebook, Twitter, and MySpace. With synchronization, you can ensure that information on your phone is updated with any information that changes in your accounts.

Synchronize contacts with your Facebook, Twitter, and MySpace accounts.

Note: You must register your phone with your social network site before using the phone to access the networks.

With Corporate Exchange and Google accounts you can synchronize Calendar events and Contacts.


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

Setting Up Your Accounts


Set up and manage your synchronized accounts with the Accounts & sync setting.

For information about setting up other, non-synchronized email accounts, see “*Configuring Email Accounts*” on page 56

Adding a Google account


1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync**.
2. Touch **Add account** → **Google**.
3. At the **Add a Google Account** screen, touch **Next** to begin, then touch an option:
 - **Create:** Follow the prompts to create a new account.
 - **Sign in:** Enter your Google **Username** and **Password**, then touch **Sign In**.
4. The phone communicates with the Google server to set up your account. When complete, your Google account appears in the **Manage accounts** area of the **Accounts & sync** screen.

Managing a Google account

1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync**.
2. Tap your Google account to display the **Data & synchronization** screen.
3. Tap a setting to enable or disable synchronization. When enabled, a check mark appears in the check box:
 - **Sync Books:** When enabled, synchronizes your Google eBooks with your phone's Books. (For more information, refer to "*Books*" on page 82.)
 - **Sync Contacts:** When enabled, synchronizes your Google contacts with your phone's Contacts.
 - **Sync Gmail:** When enabled, synchronizes your Gmail messages on your phone.
 - **Sync Calendar:** When enabled, synchronizes your Google calendar with your phone.

Adding a Corporate account

Note: Before adding a Corporate account, obtain the exact server Exchange Domain name from your company's Network Support.

1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync**.
2. Touch **Add account** → **Corporate**.
3. At the **Set up email** screen, enter your **Email address** and **Password**, then touch **Done**, then touch **Next**.
4. At the **Server settings** screen, enter server settings, then touch **Next**. The phone communicates with the server to confirm your account.
5. At the **Account options** screen, select account settings, then touch **Next**.
6. At the **Set up email** screen, enter a name for the account (this name will display on screen), and enter your name to appear on outgoing messages. Touch **Done** to complete set-up.
7. Your Corporate account appears in the **Manage accounts** area of the **Accounts & sync** screen, and in the Email application.

Managing a Corporate Exchange account


1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync**.
2. Touch your Corporate account to display settings, then touch **Account settings** for these settings:
 - **General settings**
 - **Account name:** Enter a name to identify the account.
 - **Your name:** Enter your name, to be used in outgoing emails.
 - **Email check frequency:** Choose a frequency for the phone to check the server for new emails.
 - **Amount to synchronize:** Choose a time period to determine how many days' email will synchronize.
 - **Default account:** Touch to assign or un-assign this account as the default account for sending email from your phone.
 - **Notification settings**
 - **Email notifications:** Enable or disable display of a new email icon in the Annunciator line when new mail arrives.
 - **Select ringtone:** Assign a ringtone for new email notifications.
 - **Vibrate:** Enable or disable vibration with new email notifications.
 - **Server settings**
 - **Incoming settings:** Modify server settings.
 - **Sync contacts:** Enable to synchronize your Exchange contacts with your phone's Contacts.

– **Sync Calendar:** Enable to synchronize your Exchange calendar with your phone's calendar.

3. Under **Data & synchronization**, configure these settings:
 - **Sync Contacts:** When enabled, synchronizes your Exchange contacts with your phone's Contacts.
 - **Sync Calendar:** When enabled, synchronizes your Exchange contacts with your phone.


Setting Up a Facebook account

Note: You must register your phone with Facebook before using the phone to access the site. From your Facebook account, go to Account Settings and follow the "Activate a Phone" registration instructions.

1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync** → **Add account** → **Facebook**.
2. Enter your Email and Password, then touch Log in.
3. Follow the prompts to complete the set-up.


Setting Up a Twitter account

Note: You must register your phone with Twitter before using the phone to access the site. From Twitter.com Settings, follow the instructions in the Mobile area to register your phone.

1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync** → **Add account** → **Twitter**.
2. Enter your Email and Password, then touch **Log in**.
3. Follow the prompts to complete the set-up.


Setting Up a MySpace account

Note: You must register your phone with MySpace before using the phone to access the site. From the MySpace Account Settings, follow the "Mobile Activation" registration.






1. From the Home screen, touch  **Menu** → **Settings** → **Accounts & sync** → **Add account** → **MySpace**.
2. Enter your Email and Password, then touch **Log in**.
3. Follow the prompts to complete the set-up.

Contacts

To access Contacts:

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

Creating Contacts

1. From the Home screen, touch  **Contacts** →  **Create contact**.
2. Select a storage location: **Phone**, **Google**, or other account (such as personal or business e-mail).
3. Touch contact fields to enter information:
 - Touch the **Photo ID** box to choose a picture to identify the contact. (For more information, refer to "*Gallery*" on page 72.)
 - Touch **First name**, then enter a first name for the contact.
 - Touch **Last name**, then enter a last name for the contact. After entering a last name touch  to enter a Name prefix or Middle name.
 - Touch **Phone number** to enter a phone number, then touch the **Label** button to choose a label, from **Mobile**, **Home**, **Work**, **Work Fax**, **Pager**, **Other**, or **Custom** to create a custom label. To add another number, touch .
 - Touch **Email address** to enter an email address, then touch the **Label** button to choose a label, from **Work**, **Home**, **Mobile**, **Other**, or **Custom** to create a custom label. To add another address, touch .

- Touch **IM** to enter an instant messaging address, then touch the label button to choose a label, from **Google Talk**, **AIM**, **Windows Live**, **Yahoo**, **Skype**, **QQ**, **ICQ**, **Jabber**, or **Custom** to create a custom label. To add another IM, touch .
- Touch **Groups** to assign the contact to a group. For more information about Groups, see “*Groups*” on page 42
- Touch **Ringtone** to choose a ringtone for the contact.
- Touch **Postal Address** to enter a postal address.
- Touch **Organization** to enter a organization name.
- Touch **More** to add a **Notes**, **Nickname**, **Website**, **Internet call**, **Birthday**, and **Anniversary**.


4. When you finish entering information, touch .

Creating Contacts from Call log

Save a phone number from a recent call record to create a new contact, or update an existing contact.(For more information, refer to “*Creating or Updating Contacts Using Call Log*” on page 32.)

Creating Contacts from the Phone Dialer



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

1. From a Home screen, touch  **Phone**.
2. Touch the digits of the phone number on the **Dialer** keypad.
3. Touch **Add to Contacts**, then select **Create contact** from the pop-up menu.

4. Continue entering contact information. (For more information, refer to “*Creating Contacts*” on page 37.)


Updating Contacts

Make changes to update an existing contact.

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to view its information, then touch  **Menu** → **Edit**.
– or –
Touch and hold on a contact, then select **Edit** from the pop-up menu.
3. Continue entering contact information. (For more information, refer to “*Creating Contacts*” on page 37.)

Updating Contacts from the Phone Dialer

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

1. From a Home screen, touch  **Phone**.
2. Touch the digits of the phone number on the **Dialer** keypad.
3. Touch **Add to Contacts**, then select **Create contact** from the pop-up menu.
4. Select a contact to update, then touch **Save**, or continue entering contact information. (For more information, see “*Creating Contacts*” on page 37.)



Updating Contacts from Call log

Save a phone number from a recent call record to create a new contact, or update an existing contact. (For more information, refer to “*Creating or Updating Contacts Using Call Log*” on page 32.)




Get Friends

Use the Get Friends feature to sync with your accounts. You can choose from an account you’ve already set up on your phone, or set up a new account.

(For more information about setting up accounts on your phone, see “*Setting Up Your Accounts*” on page 34.)

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **Get friends**.
3. Touch **Add Account**, then touch an account and follow the prompts to add the account.

Contacts Display Options

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **More** → **Display options** to set these options:
 - Touch **Only contacts with phones** to restrict display to contacts with phone numbers.
 - Touch **Sort by** to sort by **first** or **last** name.
 - Touch **Display contacts by** to sort contacts by **First name first** or **Last name first**.
 - Touch **Phone** to choose contacts for display by group.
3. Touch  to save options.




Linked Contacts

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


Linking imported contact records to a phone contact allows you to see all the contact’s numbers and addresses together in one Contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Note: Phone contacts are always the primary contact for linking. You can link imported contacts to a Phone contact, but the Phone contact will always display; the imported contact will show as the linked contact.

Linking contacts

1. From the Home screen, touch  **Contacts**.
2. Touch a Phone contact (a contact with the  icon) to display its information.
3. Touch  **Menu** → **Join contact**.
4. Touch an imported contact record to link it to the Phone contact.

Unlinking contacts



1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display its information.
3. Touch the **Join Contacts** field to display linked contacts.
4. Touch a contact to unlink.

Sending Namecards

You can send a contact's information as a namecard over a Bluetooth connection to another Bluetooth device, or as an attachment to an Email or Gmail message.

Important! Not all Bluetooth devices will accept contact information. Check the target device's documentation.



Sending a Namecard

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display its information.
3. Touch  **Menu** → **Send via**.
4. At the prompt, choose a sending method, then follow the prompts to send the namecard:
 - **Bluetooth:** For more information, refer to “*Bluetooth*” on page 77.
 - **Email:** For more information, refer to “*Composing and Sending Email*” on page 57.
 - **Gmail:** For more information, refer to “*Composing and Sending Gmail*” on page 55.

Sending multiple namecards via Bluetooth

You can send multiple contacts' information as namecards over Bluetooth connections to other Bluetooth devices, or as attachments to Gmail messages.

Important!: Not all Bluetooth devices will accept contacts, and of those that do, not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **Import/Export** → **Send namecard via**.
3. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark appears in the check box for marked contacts.
4. Follow the prompts to send the namecards. Select Bluetooth or Gmail. For more information about Bluetooth, see “Bluetooth” on page 77.

Backing Up Your Contacts

Use My Contacts Backup to save a copy of your Contacts to your Wireless Provider's web site. (For more information, refer to “MyContacts Backup” on page 86.)

1. From the Home screen, touch  **Applications** →  **My Contacts Backup**.

2. Follow the prompts to log in to your My Contacts Backup account.

Exporting and Importing Contacts

You can export your contact list to an optional installed memory card, or import a list of contacts (previously exported) from a memory card.


1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **Import/Export**.
3. Touch **Import from SD card** or **Export to SD card**, then follow the prompts to complete the operation.

Favorites

Mark contacts with a star to identify them as Favorites.

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

Creating Favorites

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




– or –

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

My Profile




My profile is your own contact record. You can send My profile as a vCard via Bluetooth or as an attachment via Gmail.

Viewing My Profile

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **My profile** to display your contact information.
3. To add information to your profile, touch  **Menu** → **Edit**.
For more information, see “*Creating Contacts*” on page 37

Sending My Profile


You can send My Profile as a vCard via Bluetooth to other Bluetooth devices, or as an attachment to a Gmail.

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **My profile** to display your contact information.
3. Touch  **Menu** → **Send namecard via**.
4. Choose a sending method, **Bluetooth**, **Gmail**, or **Email**, then follow the prompts to send the profile.




Groups

Assign contacts to Groups to make searching for contacts faster, or to quickly call or send messages to group members.



Accessing Groups

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

Creating a New Group




1. From the Home screen, touch  **Contacts** → **Groups**.
2. Touch  **Menu** → **Create**.
3. Touch the **Group Name** field to enter a Group Name.
4. Touch **Ringtone** to choose a ringtone for calls from members of this group. Touch **Default Ringtone**, **Sound**, or **Phone Ringtone** to select a new ringtone.
5. Touch  to save the new group.

Editing a Group

1. From the Home screen, touch  **Contacts** → **Groups**.
2. Touch a Group to display it.
3. Touch  **Menu** → **Edit group**.
4. Touch the **Group Name** field to change the Group Name.
5. Touch **Ringtone** to choose a ringtone for calls from members of this group. Touch **Default Ringtone**, **Sound**, or **Phone Ringtone** to select a new ringtone.




6. Touch  to save the changes.

Deleting a Group

1. From the Home screen, touch  **Contacts → Groups**.
2. Touch  **Menu → Delete**.
3. Touch a group to mark it for deletion, or touch **Select all** to mark all groups. When selected, a check mark appears in the check box.
4. Touch  to delete the group(s).
5. Choose **Group only** or **Group and group members**.




Adding Contacts to a Group

Tip: You can also add a contact to a group when you create the contact. For more information, see “*Creating Contacts*” on page 37




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

Removing Contacts from a Group

Tip: You can also add a contact to a group when you edit the contact. For more information, see “*Updating Contacts*” on page 38



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

Sending a Message to Group Members

1. From the Home screen, touch  **Contacts → Groups**.
2. Touch a **Group** to display it.
3. Touch  **Menu → Send Message**.
4. Touch contacts to mark them as recipients for the new message, then touch .
5. The new message opens, with the marked contacts as recipients. Continue creating the message, as desired. For more information, see “*Creating and Sending Messages*” on page 52.

History

History displays all calls, messages, emails, IMs, and Facebook, MySpace and Twitter messages sent and received from contacts.

1. From the Home screen, touch  **Contacts → History**.
2. A list of calls, messages and emails displays, sorted by time, with most recent first.
3. Touch  **Menu** for these options:
 - **Delete**: Erase history records.
 - **View by**: Filter records by type. Choose from **Call**, **Message**, **Facebook**, **MySpace**, or **Twitter**.

Activities

Use Activities to view updates to Contacts from your social networking accounts, such as Facebook, Twitter or MySpace.

Note: If you haven't updated Contacts from any accounts, the Activities tab will be blank.

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

Speed Dials




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

Note: Some Speed Dials are reserved by default, and cannot be assigned: Speed Dial 1 is reserved for Voicemail.

Assigning Speed Dials

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

Removing or Reassigning a Speed Dial

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu → More → Speed dial**.
3. Touch  **Menu**, then touch an option:
 - **Remove**: Touch a speed dial to remove it.
 - **Change order**: Touch and hold a speed dial, then drag it to a new location in the list.

My Contacts Backup

My Contacts Backup is a wireless service that saves a copy of your Contacts' information to a secure web site. If your phone is lost, stolen, or damaged, My Contacts Backup can restore your saved contacts to a new phone, wirelessly. You can schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting and editing.

- From the Home screen, touch  **Applications** →  **My Contacts Backup**.

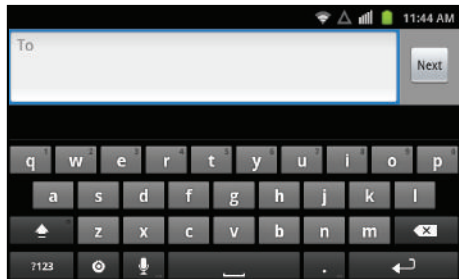
Section 5: Entering Text

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

Virtual QWERTY Keyboard

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

The virtual QWERTY keyboard appears at the bottom of the screen. By default, when you rotate the phone, the screen orientation updates to keep the keyboard at the bottom of the screen.



Text Input Methods

Your phone offers two text input methods:

- **Swype:** Swype is a new text input method that allows you to enter words by gliding your finger over the virtual QWERTY keyboard, lifting your finger between words.
- **Samsung Keypad:** The Samsung Keypad is a virtual QWERTY keyboard that allows you to enter text by touching keys on the screen. The Samsung Keypad includes XT9 predictive text, which matches your key touches to common words so that you can select the word to enter it into your text.
- **Android Keyboard:** The Android Keyboard is a virtual QWERTY keyboard that allows you to enter text by touching keys on the screen. Android Keyboard, like the Samsung Keypad, includes predictive text.

Changing the Input Method

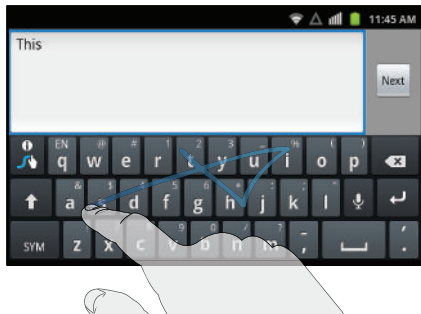
When entering text, you can select the text input method.

- ▶ Touch and hold on a text input field, then select an input method:
 - Swype
 - Samsung keypad
 - Android keyboard

Entering Text Using Swype

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

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



Here are a few tips to get you started:

- **Spacing is automatic:** When you finish a word, just lift your finger and start the next word.
- **Double letters:** Just “scribble” on the key.
- **Capitalization:** Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that isn’t at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.
- **Contractions:** Swype recognizes most words that include an apostrophe; just swype the letters of the word, including the apostrophe.
- **Punctuation:** Tap and hold a key to view a punctuation menu and make a selection.
- **Accented characters:** Just glide through the letters of the word. Swype usually recognizes the word and correctly accents the letters.
- **Error correction:** If you make a mistake, double-tap on the word you want to change.

Configuring Swype




Configure Swype to your preferences.

- For more information, see “*Swype*” on page 108.
- While entering text, touch  → **Options**.

Tip: To customize predictive text, configure the User dictionary settings. For more information, see “*User dictionary*” on page 108.



Swype Help

While entering text, you can get tips and help about using Swype.

- Tap the  **Swype Key** to show **Tips**.
- Tap the  **Swype Key** → **Tutorial** for an interactive tutorial.
- Tap the  **Swype Key** → **More Help** to view Help.

Entering Symbols and Numbers

Using the Swype Keyboard:

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

Using the Numeric Keyboard

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

- ▶ Touch .

From the Numeric Keyboard, you can switch to an Alphanumeric Keyboard:

- ▶ Touch .

Editing Keyboard

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

To access the Editing Keyboard:

- ▶ Swype from the  **Swype Key** to the  **SYM Key**.

Using Swype Speech Recognition

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

To use Speech recognition:


- ▶ Touch and hold the  **Speech Recognition Key**.

Entering Text Using the Samsung Keyboard

This device has a built-in, QWERTY keypad (portrait mode) or keyboard (landscape mode). Using the QWERTY keypad/keyboard, you can type letter, numbers, punctuation, and other characters.

The Samsung keyboard is the default setting on the phone.



To use the Samsung keypad you must first configure the settings for the Samsung keypad.

1. From a Home screen, touch  **Menu** → **Settings** → **Language & keyboard** → **Samsung keypad**.
2. Touch **Portrait keypad types** and select a text input method:
 - Qwerty Keypad
 - 3x4 Keypad
 - Handwriting box 1
 - Handwriting box 2
3. Touch **Input languages** and touch one of the languages.
4. Touch **XT9** to use XT9 Predictive text method. For more information refer to the XT9 Advanced Settings.
5. Touch the **Keypad sweeping** field if you want to sweep the keypad and change from ABC to ?123 mode.

6. Touch the **Auto-capitalization** field to automatically capitalize the first letter of a sentence.
7. Touch the **Handwriting settings** field and select the speed of response of the Samsung Handwriting keypad. You can also access an explanation of Handwriting keypad use.
8. Touch **Voice input** to enable/disable text input by speaking.
9. Touch **Auto-full stop** to enable/disable automatic addition of periods at the end of sentences.
10. Touch the **Tutorial** field to view a short tutorial on use of the Samsung keyboard.

XT9 Advanced Settings

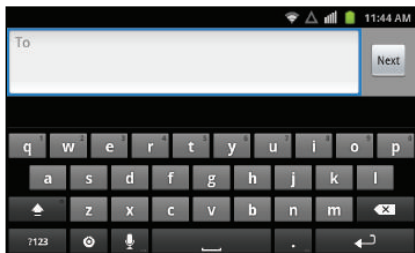
1. Touch the **XT9** field to select XT9 (predictive text) mode, then touch **XT9 advanced settings**.
2. Touch the **Word completion** field to enable word completion. Your phone predicts how to complete the word typed.
3. Touch the **Word completion point** field then touch **2 letters**, **3 letters**, **4 letters**, or the **5 letters** radio button. Word completion begins after 2 or more (depending on your selection).

4. Touch the **Spell correction** field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you touched as well as the characters of nearby keys.
5. Touch the **Next word prediction** field to enable word prediction.
6. Touch the **Auto-append** field to automatically add predictions.
7. Touch the **Auto-substitution** field to automatically replace words that you are typing. This option assists with correcting misspelled words.
8. Touch the **Regional correction** field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
9. Touch the **Recapture** field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.
10. To add a new word to the T9 dictionary:
Touch the **XT9 my words** field, then press  **Menu** → **Add**. Enter the new word in the Register to XT9 my words field, then touch **Done**.
11. Touch **XT9 auto-substitution** to add words to substitute (for example youve becomes you've). A list of substitutions displays.
12. If you do not see the substitution you want, press  **Menu** → **Add**, then input the Shortcut word and Substitution word.
13. Touch **Done**.

Entering Text Using the Android Keyboard


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

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text.



Configuring Android Keyboard

Configure the Android Keyboard to your preferences.

- For more information, refer to “*Android keyboard*” on page 109.
- While entering text, touch and hold , then touch **Android keyboard settings**.


Tip: To customize predictive text, configure the User dictionary settings. (For more information, refer to “*User dictionary*” on page 108.)



Entering Upper and Lower Case Letters

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

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

Entering Symbols and Numbers

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

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

Enter numbers by touching , then touching the number keys.

Using Android Speech Recognition

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

Note: Enable Speech Recognition in Android Keyboard settings. (For more information, refer to “*Android keyboard*” on page 109.)

- Touch the  **Speech Recognition Key**.

Section 6: Messaging

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

Types of Messages

Your phone supports these types of messages:


- **Text messages:** Send and receive simple messages containing text to other mobile phones or email addresses (also known as SMS).
- **Multimedia messages:** Send and receive text messages with pictures and/or sound to other mobile phones or email addresses (also known as MMS).
- **Email:** Send and receive email from your email accounts, including Corporate Exchange mail.
- **Gmail:** Send and receive Gmail from your Google account.
- **Google Talk:** Chat with other Google Talk users.


Note: Messaging service availability depends on your network and service plan. Contact your Wireless Provider for more information.

Text and Multimedia Messaging

Your phone can send and receive text and multimedia messages to other mobile phones and to email addresses.

Creating and Sending Messages

1. From the Home screen, touch  **Messaging → New message**.
2. Tap the **To** field to enter recipients:
 - **Enter Contacts by name:** As you enter a name, matching contacts appear on screen. Touch a contact to add it to the list.
 - **Enter phone numbers:** As you enter a number, matching contacts appear. Touch a contact to add it to the list.
 - **Enter email addresses:** As you enter addresses, matching contacts appear on screen. Touch a contact to add it to the list.
 - **Add phone numbers from Call log:** Touch **Recent**, select one or more call records, then touch **Add**.
 - **Add Contacts from the Contacts list:** Touch **Contacts**, select one or more Contacts, then touch **Add**.
 - **Address the message to a Contacts Group:** Touch **Group**, then select the desired Group.

3. Touch the **Type to compose** field and compose your message. While composing a message, touch  **Menu** for these options:

- **Add subject:** Add a subject field to the message and enter a subject. (This option also converts the message to MMS.)
- **Attach:** Add content to the message to convert it to MMS.
 - **Pictures:** Add a picture.
 - **Capture picture:** Take a new picture.
 - **Videos:** Add a video.
 - **Capture video:** Record a new video.
 - **Audio:** Add a sound clip.
 - **Record audio:** Create a new audio clip.
 - **Slideshow:** Add a slideshow of pictures to this message.
- **Add Text:** Insert selected pre-composed text into this message.
- **Insert smiley:** Add a text emoticon to the message.
- **Discard:** Cancel the message.

4. Touch  to send the message.


Managing Messages

Threaded View

Messages you send and receive to the same contact, number or address are grouped together as a “thread”. Threaded messages allow you to see all the messages you exchanged with a contact, or other recipient, with the latest message displayed first.



1. From a Home screen, touch  **Messaging**.
2. Message threads display by contact, number, or address.

While viewing message threads, you have these options:

- Touch and hold a thread to choose from:
 - **View Contact / Add to contacts:** View the contact record, or save the sender/recipient's information as a new contact, or to update an existing contact.
 - **Delete thread:** Erase the entire message thread.
- Touch  **Menu** for these options:
 - **Compose:** Create a new message.
 - **Delete threads:** Touch message threads to mark them for erasure, or touch **Select all** to mark all message threads for erasure.
 - **Search:** Enter characters to search messages and recipient lists.
 - **Settings:** Configure message settings.

Message Settings

Configure message settings.



1. From a Home screen, touch  **Messaging**.
2. Touch  **Menu** → **Settings** to set:
 - **Storage settings:**
 - **Delete old messages:** Touch to enable or disable automatic erasure of messages when stored message reach default limits. When disabled, the phone will prompt you to delete old messages to make room.
 - **Text message limit:** Touch to set a limit for the number of text messages per thread.
 - **Multimedia message limit:** Touch to set a limit for the number of multimedia messages per thread.
 - **Text message (SMS) settings:**
 - **Delivery reports:** Request report of delivery date and time for all messages sent.
 - **Multimedia message (MMS) settings:**
 - **Delivery reports:** Request report of delivery date and time for all messages sent.
 - **Auto-retrieve:** Touch to enable or disable automatic retrieval of MMS messages. When enabled, MMS messages download automatically. When disabled, the phone prompts to download new MMS messages.
 - **Roaming auto-retrieve:** Touch to enable or disable automatic retrieval of MMS messages when in Roaming mode. When enabled, MMS messages download and display automatically. When disabled, the phone prompts you to download new MMS messages.

- **Notification settings:**
 - **Notifications:** Touch to enable or disable alerts in the status bar.
 - **Screen On:** Touch to enable screen on for notification alerts.
 - **Select ringtone:** Touch to select a ringtone for message alerts.
 - **Vibrate:** Touch to enable or disable vibration for message alerts.

Gmail

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

Tip: Use the Set-up Wizard to set up your Google account on your phone. For more information, see *"Set-up Wizard"* on page 11.




- From the Home screen, select  **Applications** →  **Gmail**.

Configuring Your Gmail Account





Set up your Google account to synchronize contacts, calendars, and allow access to Gmail. For more information, see *"Adding a Google account"* on page 34

Refreshing Your Gmail Account





Refresh your account to update your phone from the Gmail servers.

1. From the Home screen, select  **Applications** →  **Gmail**.
2. Touch  **Menu** → **Refresh**.

Composing and Sending Gmail

1. From the Home screen, select  **Applications** →  **Gmail**.
2. Touch  **Menu** → **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose Mail** to enter the text of your email.
6. While composing a message, touch  **Menu** for these options:
 - **Send**: Send the message.
 - **Save draft**: Save a copy of the message in Drafts.
 - **Add Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields to the message. After creating the fields, touch to enter recipients.
 - **Attach**: Launch Gallery to select a picture to add to the message.
 - **Discard**: Close the message without saving.
 - **Help**: Get Help with using Gmail.
7. Touch **Send** to send the message.

Gmail account settings



1. From the Home screen, select  **Applications** →  **Gmail**.
2. Touch  **Menu** for these options
 - **Refresh**: Update Gmail on your phone from the Google servers.
 - **Compose**: Create a new email.
 - **Accounts**: View and choose from your Google account(s).
 - **Go to labels**: View Google content by label.
 - **Search**: Find Gmail items.
3. Touch  **Menu** → **More** for these options:
 - **Settings**:
 - **Signature**: Create a text signature to add to outgoing messages.
 - **Confirm actions**: Have your phone prompt you to confirm actions.
 - **Replay all**: Enable or disable Reply all as the default when responding to messages.
 - **Auto-advance**: Select which screen to show after you delete or archive a conversation.
 - **Message text size**: Choose a size for message text to display.
 - **Batch operations**: Allow changes to labels on more than one conversation.
 - **Clear search history**: Touch to erase all searches you have performed.
 - **Labels**: Choose which labels are synchronized.

- **Email notifications:** When enabled, notifications for new email appears in the Notifications Panel.
 - **Select ringtone:** Choose a ringtone for new email notifications.
 - **Vibrate:** When enabled, the phone vibrates for new email notifications, along with the ringtone (if a ringtone is selected.)
 - **Notify once:** Enable or disable one-time notification for new email, instead of a notification for every new message.
- **Help:** Get Help with using Gmail.
 - **About:** View information about Gmail.

Google Talk

Chat with other Google Talk users.

Tip: Talk requires that you have a Google account. Use the Set-up Wizard to set up your Google account on your phone. For more information, see “Set-up Wizard” on page 11.

1. From the Home screen, select  **Applications** →  **Talk**.
2. If you have already set up your Google account, you are automatically logged in. If you do not have a Google account, you can touch **Create** to create a new Google account.
3. Use the application’s controls to chat with other Google Talk users.

Email



Send and receive email using popular email services.

Note: Only some paid “Plus” accounts include POP access to allow this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid “Plus” account. Please launch the Web browser to access your account.

Configuring Email Accounts





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

Configuring the first email account




1. From the Home screen, select  **Applications** →  **Email**.
2. Touch an email provider, or touch **Others**.
3. Touch **Email address** to enter your email address, then touch **Password** to enter your email password.
4. Touch a setup option:
 - **Next:** Connect to the server to set up the account automatically. Follow the prompts to complete set-up, then touch **Done**.
 - **Manual setup:** Configure the account manually. Touch **POP3** or **IMAP**, then enter the account details.

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

Configuring additional email accounts

1. From the Home screen, select  **Applications** →  **Email**.
2. Touch  **Menu** → **Accounts**.
3. Touch  **Menu** → **Add account**.
4. Touch the **Email address** field to enter your email address.
5. Touch the **Password** field or touch **Next** to enter your password.
6. Touch a setup option:
 - **Manual setup**: Configure the account manually. Touch **POP3**, **IMAP** or **Exchange**, then enter the account details.
 - **Next**: Connect to the server to set up the account automatically. Follow the prompts to complete set-up, then touch **Done**.


Composing and Sending Email

1. From the Home screen, select  **Applications** →  **Email**.
2. Touch and hold on an account, then touch **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch the text field to enter the text of your email.
6. While composing a message, touch  **Menu** for these options:
 - **Add Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields to the message. After creating the fields, touch to enter recipients.
 - **Save as draft**: Close the message and save it in Drafts.
 - **Spell check**: Check the spelling of the words in your message text.
 - **Add text**: Add text from a Contact record, from the Calendar, or from a Memo.
 - **Show tool** (Swype keyboard only): Displays a tool bar that lets you enbolden, italicize, and underline text; automatically insert periods at the end of sentences; and change the text font.
7. Touch **Attach** to add a file to the message.
8. Touch **Send** to send the message.
9. Touch **Cancel** to close the message without saving.

Managing Emails




Combined Inbox

Emails you receive to all accounts are presented in the combined Inbox, or you can view email accounts individually.

1. Touch  **Menu** → **Accounts**.
2. Touch an account, or touch the **Combined Inbox**.

Refreshing Your Email Account




Refresh your account to update your phone from the servers.

1. From the Home screen, select  **Applications** →  **Email**.
2. Touch  **Menu** → **Refresh**.

Email Account Settings

Use Account settings to configure handling of email from your accounts.

Note: These are basic settings for most accounts. Some email accounts may have additional settings.

1. From the Home screen, select  **Applications** →  **Email**.
2. Touch an account to view it.
3. Touch  **Menu** → **More** → **Account settings**.

4. Touch fields to configure the account:

- **General settings:**

- **Account name:** Enter a name for the account's display.
- **Your name:** Enter your name, to be used on emails.
- **Email check frequency:** Choose an interval for checking for email.
- **Default account:** When enabled, this account is the default account for sending email from your phone.
- **Always Cc/Bcc myself:** Include your Email address in the Cc/Bcc line.

- **Notification settings:**

- **Email notifications:** Enable or disable alerts in the Status Bar.
- **Select ringtone:** Choose a ringtone to use for new email alerts.
- **Vibrate:** Enable or disable vibration with new email alerts.

- **Server settings:**

- **Incoming settings:** (hotmail) Modify incoming email server settings.
- **Outgoing settings:** (hotmail) Configure the SMTP server, Port and Security type, Username and Password settings.

- **Signature settings:**

- **Add signature:** When enabled, adds pre-composed Signature text to message.
- **Signature:** Change or replace pre-composed Signature text.



- **Common settings:**

- **Forward with files:** When enabled, lets you forward Emails with any attached files.
- **Confirm Email Delete:** When enabled, prompts you to confirm Email deletions.

Section 7: Web and Social Networking



YouTube

View and upload YouTube videos, right from your phone.

- ▶ From the Home screen, select  **Applications** →  **YouTube**.

Voice Search

Voice Search offers voice-activated Google searches.

1. From the Home screen, select  **Applications** →  **Voice Search**.
2. Voice Search uses your location to improve search results and offer other services. Touch **Agree** to allow location-based searches, or **Disagree** to disallow.
3. At the **Speak now** prompt, speak your search criteria slowly and clearly. Google searches for the information and displays results.


Browser

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

- ▶ From the Home screen, select  **Browser**.

Navigating the web

Command Keys

- ▶ Touch  **Back** to return to the previous page.
- ▶ To go forward, touch  **Menu** → **Forward**.

Touching and dragging

- ▶ Touch and drag your finger on the screen to navigate pages, and to reposition pages within the screen.

Entering text in a field

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


Selecting items on a page

While browsing pages, use gestures and menus to navigate links on pages:

- Touch an item or hyperlink to select it.
- Touch and hold on a hyperlink for these options:
 - **Open:** Go to the linked page.
 - **Open in new window:** Open a new window to display the linked page.
 - **Bookmark link:** Add a bookmark to linked page (without loading it).
 - **Save link:** Save the linked page to Download history.
 - **Share link:** Send the link via Bluetooth, Facebook, Email, Gmail, or Message.
 - **Copy link URL:** Save the link's URL to the clipboard.






Entering a URL

Access a website quickly by entering the URL.

1. From the Home screen, select  **Browser**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.
3. As you enter characters, potential matches display. Continue entering characters, or touch a match to complete the URL.
4. Touch **Go** to load the page.

Using Browser Windows

You can have up to eight windows open at one time, switching between windows.



1. From the Home screen, select  **Browser**.
2. To open a new window, touch  **Menu** → **New window**.
3. To switch to another open window, touch  **Menu** → **Windows**. Touch a window to display it.
4. To close a window, touch  **Menu** → **Windows**. Touch  **Close** beside a window to close it.

Using Bookmarks

While browsing, bookmark a site to quickly access it in the future.



Creating a bookmark


Create a bookmark to a page, for later browsing.

1. From the Home screen, select  **Browser**.
2. Browse to the desired website, then touch  → **Bookmarks** next to the **URL** field.
3. The new website is displayed as a thumbnail with the command **Add**. Touch the bookmark to add it.
4. At the **Add bookmark** prompt, confirm the Name and Location for the bookmark, then touch **OK** to save the bookmark.

Accessing bookmarks and history

Launch a bookmarked page, or reload recent pages.

1. From the Home screen, select  **Browser**.
2. Touch  → **Bookmarks** next to the **URL** field.
3. On the **Bookmarks** tab, use these options:
 - Touch a bookmark to load the page.
 - Touch and hold on a bookmark for these options:
 - **Open**: Launch the bookmarked page.
 - **Open in new window**: Open the linked page in a new window.

- **Edit bookmark**: Modify the URL.
 - **Add shortcut to Home**: Create a bookmark on the Home screen.
 - **Share link**: Send the page's URL via Bluetooth, Facebook, Email, Gmail, or Messaging.
 - **Copy link URL**: Save the link's URL to the clipboard.
 - **Delete bookmark**: Remove the bookmark.
 - **Set as homepage**: Assign the bookmarked link as the home page.
- Touch  **Menu** → **List view** to view bookmarks as a list.

4. On the **Most visited** tab, use these options:

- Touch a page to reload it.
- Touch the star next to a page to bookmark it.
- Touch and hold on a page for these options:
 - **Open**: Launch the web page.
 - **Open in new window**: Launch the web page in a new window.
 - **Add bookmark/Remove from bookmarks**: Bookmark the page, or remove the bookmark for this page.
 - **Share link**: Send the page's URL via Bluetooth, Facebook, Email, Gmail, or Messaging.
 - **Copy link URL**: Copy the page's URL to the clipboard for pasting.
 - **Remove from history**: Remove the record of this page.
 - **Set as homepage**: Set this page as the default first page when opening the Browser.

5. On the **History** tab, use these options:


- Touch a page to load it.

- Touch the star next to a page to bookmark it.
- To clear the history, touch  **Menu** → **Clear History**.
- Touch and hold on a page for these options:
 - **Open**: Launch the web page.
 - **Open in new window**: Launch the web page in a new window.
 - **Add bookmark/Remove from bookmarks**: Bookmark the page, or remove the bookmark for this page.
 - **Share link**: Send the page's URL via Bluetooth, Facebook, Email, Gmail, or Messaging.
 - **Copy link URL**: Copy the page's URL to the clipboard to paste in another location.
 - **Remove from history**: Remove the record of this page.
 - **Set as homepage**: Set this page as the default first page when opening the Browser.

Copying Fields or Text

Copy information from a web page, for pasting into a text field, searching, or sharing.

Copying text

1. From the Home screen, select  **Browser**.
2. Browse to the desired website.
3. Touch and hold on the text to enable the text selector.
4. Touch and drag the text selector to select text, then use the on-screen tools to copy the text to the clipboard, search or translate the text, or share the text.


Copying a hyperlink or URL

1. From the Home screen, select  **Browser**.
2. Browse to the desired website.
3. Touch and hold on a hyperlink or URL, then choose an option from the pop-up menu:
 - **Share link**: Send the link via Bluetooth, Gmail, or Messaging.
 - **Copy link URL**: Save the link's URL to the clipboard.



Browser Menu

While viewing a web page, touch  **Menu** for these options:

- **New window**: Open a new browser window. The previous browser windows remain open in the background (use the Windows option to switch between windows).

- **Windows:** Switch between windows, or open a new window.
- **Brightness setting:** Set the brightness of the display, if the Brightness setting is not set to Automatic.
- **Refresh:** Update the current page's content from the server.
- **Forward:** Move forward to a previously-viewed page.
- **More:**
 - **Add bookmark:** Create a bookmark for the current page.
 - **Add shortcut to Home:** Place a shortcut to the current page on the current Home screen.
 - **Add RSS feeds:** Subscribe to RSS feeds available from the site.
 - **Find on page:** Search for content on the current page.
 - **Page info:** View information about the current page, including the URL.
 - **Share page:** Send the current page's URL via Bluetooth, Facebook, Email, Gmail, or Messaging.
 - **Downloads:** View a list of downloads. While viewing downloads, touch  **Menu** for access to **Sort by time / size**.
 - **Settings:** Customize the Browser (see Browser Settings).

Browser Settings

1. From the Home screen, select  **Browser**.
2. Touch  **Menu** → **More** → **Settings**:
 - **Page content settings**
 - **Default zoom:** Choose a default zoom level for web pages.
 - **Open pages in overview:** When enabled, displays an overview of newly-opened pages.

- **Text encoding:** Choose a default character set for web pages.
- **Block pop-up windows:** When enabled, blocks pop-up windows.
- **Load images:** When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
- **Auto-fit pages:** When enabled, the browser automatically sizes web pages to fit your phone's display.
- **Landscape view only:** When enabled, Browser displays all pages in the wider landscape orientation (rotate your phone counterclockwise to view pages in landscape mode).
- **Enable JavaScript:** When enabled, Browser will automatically run JavaScript scripts on pages you visit.
- **Enable plug-ins:** When enabled, Browser will automatically load and run plug-ins on pages you visit.
- **Open in background:** When enabled, new windows open behind the current window.
- **Set home page:** View and set the default first page that displays when you launch Browser.
- **Default storage:** Not configurable. Downloads save to the memory card.
- **Privacy settings**
 - **Clear cache:** Delete content and databases stored on the phone.
 - **Clear history:** Delete the list of previously-visited pages.
 - **Accept cookies:** When enabled, allows Browser to save and read cookie information used by web pages.
 - **Clear all cookie data:** Delete cookie information saved to the phone.

- **Remember form data:** When enabled, stores information you enter into forms to make future forms easier.
- **Clear form data:** Deletes saved form information.
- **Enable location:** When enabled, sites you visit can request access to your location.
- **Clear location access:** Clear location access for all web sites.
- **Security settings**
 - **Remember passwords:** When enabled, saves usernames and passwords for sites you visit, to make future visits easier.
 - **Clear passwords:** Clear all saved usernames and passwords.
 - **Show security warnings:** When enabled, Browser will warn you if there is a problem with a site's security.
- **Advanced settings**
 - **Set search engine:** Select a search engine from Google, Yahoo!, or Bing.
 - **Website settings:** View and manage settings for individual websites.
 - **Reset to default:** Clear all browser data and reset all settings to the factory defaults.
 - **Select Mode:** Select Android or Desktop.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps, and some features require Standalone or Google location services. For more information, see “*Location & security*” on page 101

- From the Home screen, select  **Applications** →  **Maps**.

Navigating the Map

Zooming

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


Scrolling

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

Touch and Touch and hold

- **Touch and hold** on an area of the map to display pop-up information about the location.
- **Touch** a pop-up for these options:
 - **Please select:** Map, Directions, Call, Street view.
 - **What's nearby?:** Display nearby points of interest.
 - **Search nearby:** Enter search criteria to find nearby points of interest.
 - **Share this place:** Send this location by Messaging, Bluetooth, or Gmail
 - **Report a problem with the map:** Send an error report describing the type of problem: Street, Address, Point of interest, My Location, or Other map data problem.

Maps Menu

1. From the Home screen, select  **Applications** →  **Maps**.
2. While viewing a map, touch  **Menu** for these options:
 - **Search:** Enter text criteria to find locations or points of interest.
 - **Directions:** Get driving, public transport, or walking directions.
 - **Starred Places:** Synchronize your starred map items with Google maps.
 - **Clear Map:** Reset the map after searching or following directions.
 - **Join Latitude:** Use the Google Latitude service to share locations and status with other Google Latitude users.
 - **More:**
 - **Labs:** Access experimental features.
 - **Cache Settings:** Select Prefetch on mobile to pre-fetch map tiles and speed map display, or select Clear map tile cache to erase pre-fetched map tiles from memory.
 - **Help:** Display a searchable Google Mobile Help screen.
 - **Terms, Privacy & Notices:** Display legal information.
 - **About:** Displays information about Google Maps.



Section 8: Music

Music Player

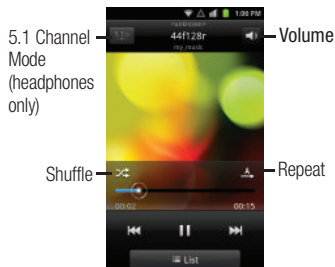
Music Player plays music files stored on a microSD or microSDHC Memory Card. (For information on installing a Memory Card, For more information, refer to “Memory Card” on page 12.

Important! For information on transferring media files to a memory card, see “Transferring Files to a Memory Card” on page 79.







Playing Music

1. From the Home screen, touch  **Applications** →  **Music Player**.
2. Select a tab to display your music files, from **All**, **Playlists**, **Albums**, **Artists**, or **Genres**.
3. Browse through your available music to find songs.

4. Touch a song or playlist to begin playback.






5. During playback, use the sound and playlist controls:
 - **Now playing:** Display the current song title and information.
 - **Shuffle:** Touch to enable or disable shuffle mode. when enabled, songs play in random order. When disabled, songs play in the order they appear.
 - **Repeat:** Touch to repeat the current song, repeat all songs, or disable repeat mode.
 - **List / Now Playing:** Touch **List** to switch to a list view of songs. Touch **Now Playing** to display the current song title and details.

- **5.1 Channel Mode:** When listening with optional headphones, touch to enable 5.1 Channel Mode for stereo sound.
- **Playback controls:**
 - Touch  to advance to the next song. Touch and hold  to scan forward through the current song.
 - Touch  to go back to the previous song. Touch and hold  to scan backward through the current song.
 - Touch  to pause playback. Touch  to resume playback.



Tip: When you're playing music in the background, playback controls are available in the Notification Panel. (For more information, refer to "Notification Panel" on page 22.)

Creating a Playlist

1. From the Home screen, touch  **Applications** →  **Music Player** → **Playlists**.
2. Touch  **Menu** → **Create** to create and name a new playlist and to add songs to it.

Setting a song as a ringtone


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

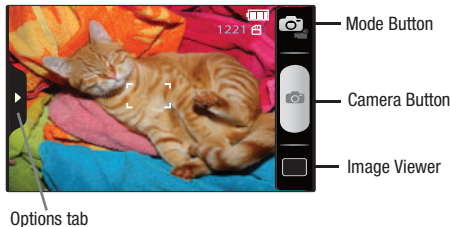
1. From the Home screen, touch  **Applications** →  **Music Player**.
2. Touch a tab to list **All** of your music files, your **Playlists**, **Albums** in which your music files were published, **Artists** who recorded your music files.
3. Touch and hold a music file, then touch **Set as** and choose from these options:
 - **Voice call ringtone:** Set the song as the default ringtone for all incoming voice calls.
 - **Caller ringtone:** Choose a contact to set the song as the ringtone for calls from the contact.
 - **Alarm tone:** Set the song as the alarm ringtone for a new alarm, or for an existing alarm.

Section 9: Pictures and Video

Camera




Use your phone's built-in Camera to take pictures and record video.

- From the Home screen, touch  **Applications** →  **Camera**.







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

Taking Pictures

1. From the Home screen, touch  **Applications** →  **Camera**.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
 - Touch the screen to focus on the area you touched.
 - Press the **Volume Key** to zoom in or out.
 - To configure settings, see “*Camera Options*” on page 69.
3. To take the picture, touch the **Camera** button.
4. After taking a picture, touch **Image Viewer** to view the picture. While viewing the picture, use these options:
 - Touch the zoom icons to zoom incrementally, or double-tap on the picture to zoom all the way in or out.
 - Touch **Delete** to erase the picture.
 - Touch **Share** to send the picture via **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Messaging**, or **Picasa**.
 - Touch **Set as** to assign the picture as a contact icon, or as wallpaper.
 - Touch  **Back** to return to the Camera to take more pictures.

Camera Options

Configure the camera.

- ▶ While in Camera mode, touch the **Options** tab to configure:
 -  **Shooting mode:** Choose an automatic shooting mode, from:
 - **Single Shot:** Take a single photo.
 - **Smile shot:** Touch the Camera button to automatically focus on the subject's face and take the picture.
 - **Panorama shot:** Touch the Camera button to take a picture, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
 - **Beauty:** Adjust the contrast to smooth facial features.
 - **Continuous:** Touch and hold the Camera button to take 9 consecutive pictures.
 - **Vintage:** Add a vintage effect to photos.
 - **Add me:** Take one picture, then use the on-screen guideline to compose and take a second picture, to combine into one.
 - **Cartoon:** Apply a cartoon effect to pictures.
 - **Action shot:** Detects action to automatically take multiple pictures to create a panorama.
 -  **Flash mode:** Choose Off, On, or Auto flash.
 -  **Brightness:** Choose an exposure value.
 -  **Timer:** Set a delay before taking a picture: 2, 5, or 10 seconds.

• ⚙ Settings → 📷 Camera

- **Outdoor visibility:** Enable to enhance screen visibility.
- **Focus mode:** Choose a type of automatic focus.
- **Scene mode:** Choose a mode to match conditions.
- **Resolution:** Choose a size for the image.
- **White balance:** Choose a setting for the light source.
- **Effects:** Apply an effect to pictures.
- **ISO:** Choose a setting for imaging sensitivity.
- **Metering:** Select a method for measuring light.
- **Anti-Shake:** Enable Anti-Shake to minimize camera.
- **Auto contrast:** Allow automatic light/dark adjustment.
- **Blink detection:** Detect a subject's blinks and adjust.
- **Image quality:** Choose a quality setting for photos.
- **Adjust:** Set Contrast, Saturation, and Sharpness.

• ⚙ Settings → ⚙ Settings

- **Guidelines:** Enable or disable an on-screen grid to aid in photo composition.
- **Review:** Enable or disable the instant review feature, to display images immediately after capture.
- **GPS tag:** Save GPS location data with each photo.
- **Shutter Sound:** Select a tone to play when the camera's shutter opens and closes.
- **Reset:** Set all Camera settings to the defaults.

Camcorder

Use your phone's built-in Camcorder to record video.

- From the Home screen, touch  **Applications** →  **Camera** →  **Camera mode** (changes to  **Camcorder mode**).



Options tab









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

Capturing Video

1. From the Home screen, touch  **Applications** →  **Camera** →  **Camera mode** (changes to  **Camcorder mode**).
2. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
 - Press the **Volume Key** to zoom in or out.
 - To configure settings, see “*Camcorder Options*” on page 71
3. To start recording, touch the **Record** button.
4. To stop recording, touch the **Stop** button.
5. After recording, touch **Image Viewer** to view the video. While viewing the video, use these options:
 - Double-tap on the picture to zoom all the way in or out.
 - Touch **Share** to send the picture via **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Messaging**, or **YouTube**.
 - Touch **Play** to review the video.
 - Touch **Delete** to erase the video.
 - Touch  **Back** to return to the Camera to take more pictures.

Camcorder Options

Configure the camcorder.



- ▶ While in Camcorder mode, touch the **Options** tab:
 -  **Recording mode:** Choose a recording mode, from:
 - **Normal:** Record a video of any length.
 - **Limit for MMS:** Record a video up to 1 minute long, suitable for sending in a Video message.
 -  **Flash mode:** Choose Off or On.
 -  **Brightness:** Choose an exposure value.
 -  **Timer:** Set a delay before starting recording: 2, 5, or 10 seconds.
 -  **Settings** →  **Camera**
 - **Outdoor visibility:** Enable to enhance screen visibility.
 - **Resolution:** Choose a size for the recording.
 - **White balance:** Choose a setting for the light source.
 - **Effects:** Apply an effect to videos.
 - **Video quality:** Choose a quality setting for videos.
 - **Adjust:** Set Contrast, Saturation, and Sharpness.
 -  **Settings** →  **Settings**
 - **Guidelines:** Enable to display a grid to aid in video composition.
 - **Audio recording:** Enable to record sound along with video.

- **Review:** Enable or disable the instant review feature, to display videos immediately after recording.
- **Reset:** Set all Camera settings to the defaults

Video Player

View and manage videos stored on an optional installed memory card, or shop for new videos.



Tip: For better video viewing, try rotating your phone until it is horizontal.

1. From the Home screen, touch  **Applications** →  **Video Player.**
2. Touch a video to play it. touch the screen to display or hide on-screen playback controls.
3. Touch Menu for these options:
 - **Share video:** Send the video via Email, AllShare, Bluetooth, Messaging, to YouTube, or by Gmail.
 - **Add bookmark:** Place a marker in the video, to view later.
 - **Bookmarks:** Display markers from the video.
 - **Via Bluetooth:** Send the video via Bluetooth.
 - **Details:** View information about the video.
 - **Settings:** Choose Repeat, Brightness, Color tone, and Outdoor Visibility settings.




Gallery

Use Gallery to view, capture, and manage pictures and videos.




Note: To take pictures or record video, you must install an optional memory card in your phone. (For more information, refer to “Memory Card” on page 12.)

- From the Home screen, select  **Applications** →  **Gallery**.

Viewing Videos



1. From the Home screen, select  **Applications** →  **Gallery**.
2. Touch a category, then touch a video to play it.
3. While browsing videos, tap the screen or touch  **Menu** for these options:
 - **Share video:** Share video via AllShare, Messaging, YouTube, Bluetooth, or Gmail.
 - **Details:** View information about the video.
 - **Via Bluetooth:** Send the video via Bluetooth.


Viewing Pictures

1. From the Home screen, select  **Applications** →  **Gallery**.
2. Touch a category, then touch a picture to view it.
3. While viewing a picture, tap on the the screen or touch  **Menu** for options:
 - **Share:** Share the selected picture via **Allshare**, **Picasa**, **Messaging**, **Bluetooth**, **Gmail**, or **Email**.
 - **Delete:** Erase the picture.
 - **More:**
 - **Details:** Display information about the picture.
 - **Set as:** Assign the picture as a Contact icon, or as Wallpaper.
 - **Crop:** Drag the edges of the crop tool to select an area of the picture, then touch **Save** to save just the selected area, removing the rest of the picture.
 - **Rotate left:** Change the orientation of the picture.
 - **Rotate right:** Change the orientation of the picture.

Sharing pictures and video




Share pictures and videos via Email, AllShare, Bluetooth, Messaging, Picasa, or Gmail.

1. From the Home screen, select  **Applications** →  **Gallery**.
2. Touch a category, then touch a picture or video to select it.




Tip: To select multiple pictures or videos, touch  **Menu** → **Share**, then touch each of the pictures or videos you want to share with others. A checkmark becomes highlighted in the corner of each selected picture or video.

3. Touch  **Menu** → **Share**.
 - Touch **Share** to send the picture via **AllShare**, **Bluetooth**, **Picasa**, **YouTube**, **Messaging**, **Gmail**, or **Email**, then follow the prompts.

Setting a Picture as a Contact Icon

1. From the Home screen, select  **Applications** →  **Gallery**.
2. Touch a category, then touch a picture to select it.
3. Touch  **Menu** → **More** → **Set as** → **Contact icon**.
4. Select a contact, or create a new contact, with the selected picture as the contact's icon.




Setting a Picture as Wallpaper

1. From the Home screen, select  **Applications** →  **Gallery**.
2. Touch a category, then touch a picture to select it.
3. Touch  **Menu** → **More** → **Set as** → **Wallpaper**.
4. Use the crop tool to edit the picture, then touch **Save** to set the edited picture as the Home screen wallpaper.

Media Hub

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

Note: Media Hub service requires a Media Hub account, and depends on service availability.

1. From the Home screen, select  **Applications** →  **Media Hub**.
2. To rent or buy media, you must have a Media Hub account. Press the  **Menu Key** → **My Account** to log in to your account, or to create an account. Follow the prompts to complete log-in.
3. Browse content using these options:
 - **What's new:** Recently-added titles for rent or purchase.
 - **My Media:** Content you have previously purchased or rented.
 - **Movie Store:** Movies you can rent or purchase.
 - **TV Store:** TV shows you can rent or purchase.

4. When you find media you want to view, use these options:
 - **WATCH PREVIEW:** View a short clip from the movie or show.
 - **Own:** Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
 - **Rent:** Purchase a time-limited download of the media. Follow the prompts to enter payment details.

Section 10: Connections

Your phone includes features to connect to the internet and to other devices, via Wi-Fi, Bluetooth, VPN and Dial Up Networking.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your phone's Wi-Fi feature to:

- Access the internet for browsing, or to send or receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots), or Secured (requiring you to provide login credentials). Your phone supports the 802.11 b/g Wi-Fi protocol.

Configuring Wi-Fi Settings

Configure your phone's Wi-Fi settings. For more information, see *"Wi-Fi Network Settings"* on page 91

Turning Wi-Fi On or Off

Turn your phone's Wi-Fi service on or off. When you turn Wi-Fi service on, your phone automatically searches for available, in-range WAPs (Wireless Access Points).

Turning Wi-Fi On

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi Off.

Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your phone searches for available Wi-Fi connections, then displays them on screen.

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. When your phone completes a scan, touch a Wi-Fi network to connect. If the Wi-Fi network is open, you will be automatically connected. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. Touch **Add Network**, then enter these fields:
 - **Network SSID:** Enter the name of the Wi-Fi Wireless Access Point.
 - **Security:** Select the type of security used by the WAP.
 - **Password** or **Key:** If the WAP is secured, enter the password or hex key.

Portable Wi-Fi Hotspot

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

Note: Portable Wi-Fi Hotspot consumes battery power and uses data service. There is a monthly charge for the Portable Wi-Fi Hotspot feature, and all data used by connected devices will apply to the customer's data allowance. Contact your service provider for more information.

Configuring Portable Wi-Fi Hotspot Settings

Configure your phone's Portable Wi-Fi Hotspot settings, including your phone's name and password, security, and visibility of your phone's Portable Wi-Fi Hotspot. For more information, refer to "Portable Wi-Fi Hotspot" on page 92.

Turning On Portable Wi-Fi Hotspot

Activate your phone's Portable Wi-Fi Hotspot application to allow other devices to use your phone's internet connection.

1. From the Home screen, select **Applications** → **Portable Wi-Fi Hotspot**.
2. Touch **Portable Wi-Fi Hotspot** to turn the service on. Read the information about Portable Wi-Fi Hotspot, then touch **Accept** to enable **Portable Wi-Fi Hotspot**.
3. Your phone establishes a connection to the network for the Portable Wi-Fi hotspot service.
4. Follow the instructions on **How to connect to Portable Wi-Fi Hotspot from other devices** to use the Portable Wi-Fi Hotspot.
5. When you are finished using Portable Wi-Fi Hotspot, touch **Portable Wi-Fi Hotspot** to turn the service off.

Connecting a Device via Portable Wi-Fi Hotspot

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

Tip: In order for other devices to connect to your Portable Wi-Fi Hotspot, you can set your device to allow all devices to connect, or add the device.

1. Activate Portable Wi-Fi Hotspot on your phone. For more information, refer to *"Portable Wi-Fi Hotspot"* on page 92.
2. Activate Wi-Fi on the device, using the device's Wi-Fi control.
3. On the other device, scan for Wi-Fi hotspots, and select your phone from the list.

Tip: Your phone's default Name (SSID) and Password are displayed on the screen. For more information, For more information, refer to *"Portable Wi-Fi Hotspot"* on page 92.

4. At the prompt on the other device, enter your phone's Portable Wi-Fi Hotspot password.

Bluetooth

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

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

Configuring Bluetooth Settings

Configure your phone's Bluetooth settings. For more information, see *"Bluetooth settings"* on page 94

Turning Bluetooth On or Off

Turning Bluetooth On


1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Bluetooth** to turn Bluetooth on.

Turning Bluetooth Off

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Bluetooth** to turn Bluetooth off.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your phone and the device.

1. From the Home screen, touch  **Menu** → **Settings** → **Wireless & networks**.
2. Touch **Bluetooth settings** → **Bluetooth** to turn on Bluetooth.
3. Touch **Discoverable** to activate the device's discoverable mode.
4. Touch **Scan devices**.
5. From the list of scanned devices, touch the target device.
6. At the prompt, enter the passkey for the target device and touch **OK**. Your phone is now paired with the target device, and ready to transfer information via Bluetooth.


VPN

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

Configuring VPN Settings

Configure your phone's VPN settings. For more information, see “VPN settings” on page 95

Adding a VPN

1. From the Home screen, touch  **Menu** → **Settings** → **Wireless & networks** → **VPN settings**.
2. Touch **Add VPN** to set up a connection to a VPN, using the following settings:
 - **Add PPTP VPN:** Set up a connection to a VPN with Point-to-Point tunneling protocol.
 - **Add L2TP VPN:** Set up a connection to a VPN with Layer 2 tunneling protocol.
 - **Add L2TP/IPSec PSK VPN:** Set up a connection to a VPN with pre-shared key-based Layer 2/IPsec tunneling protocol.
 - **Add L2TP/IPSec CRT VPN:** Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.

Memory Card

Your phone supports optional, removable microSD™ or microSDHC™ memory cards of up to 32 GB capacity, for storage of music, pictures, videos, and other files.

Installing and Removing a Memory Card


For information about installing and removing a memory card, see “Memory Card” on page 12.

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


Formatting a Memory Card

Formatting prepares a used Memory Card for use with your phone by erasing all content and adding required folders.

Caution!: Do not routinely format Memory Cards when you simply wish to delete some files. Repeated formatting of a Memory Card can shorten its useful life.

1. From the Home screen, touch  **Menu** → **Settings** → **Storage**.
2. Touch **Unmount SD card** → **OK**.
3. After unmounting the SD card, touch **Erase SD card**.
4. Follow the prompts to confirm the formatting of the card.

Transferring Files to a Memory Card

1. From the Home screen, touch  **Menu** → **Settings** → **USB Settings**, then select **Mass Storage**.
2. Attach your phone to the computer with the USB Cable. Your phone recognizes the connection and displays **USB connected** in the Status Bar and Notifications Panel.
3. At the USB connected screen, touch **Connect USB Storage**. At the prompt, touch **OK** to enable copying of files between your computer and the memory card.
4. On your computer, choose a transfer method, and transfer files to the memory card.
5. When finished, touch **Stop** to disconnect USB storage, then disconnect the USB Cable.


Section 11: Applications

Application icons appear in the Applications menu to provide access to your phone's applications.

You can also place shortcuts to applications on the Home screen, for quick access to the application. (For more information, refer to *"Adding Shortcuts from the Applications screen"* on page 27.)



Accessing Applications

Accessing Applications

1. From the Home screen, touch  **Applications**. The **Applications** menu appears in the display.
2. Sweep your finger right or left to scroll the **Applications** menu pages.
3. Touch an application's icon to launch the application.

Customizing the Applications Screens

Moving Application icons

1. From the **Applications** menu, touch  **Menu** → **Edit**.
2. Touch and hold an application icon, then drag it to a new location.
3. When you are finished, touch  **Menu** → **Save**.

Choosing a view

By default, application icons appear in Grid view. You can change the view to List view.

1. From the **Applications** menu, touch  **Menu** → **List View**.

AllShare

Share your media content with other DLNA certified™ (Digital Living Network Alliance) Devices over Wi-Fi connections.



Note: You must activate Wi-Fi and connect to a Wi-Fi network to use this application. (For more information, refer to *"Wi-Fi"* on page 75.)

With **AllShare**, the following media playback options are available:



- **Play file from my phone on another player:** Play your stored media content on a Wi-Fi capable playback device (such as a TV or receiver). You can then use your Mesmerize as a remote to control playback.
- **Play file from server on my phone:** Receive and playback media stored externally (such as on a server) directly on your Mesmerize.
- **Play file from server on another player via my phone:** Route media content from an external wireless source (such as a server) and pass it through to an external playback device (such as a TV or receiver). Your phone both passes the media and control its playback (as a remote).

Setting Up AllShare

Before using AllShare, you must setup its parameters. Choose one of the following: Play file from my phone on another player, Play file from server on my phone or Play files from server on another player via my phone.



1. From the **Applications** menu, touch  **AllShare** → **Settings**. The following options are available:
 - **Media server name:** Enter the name of the server transmitting the media files, then touch **Save**.
 - **Share media:** Select which media type(s) to share (**Share picture**, **Share video**, and/or **Share audio**), then touch **OK**.
 - **Access point network:** Setup your Wi-Fi interface to come on and connect to a selected Wi-Fi Access Point (WAP), or change WAPs. (For more information, refer to “Wi-Fi” on page 75.)
 - **Upload from other devices:** Select an acceptance rule for incoming media from other devices (**Always accept**, **Always ask**, or **Always reject**), then touch **OK**.
2. Touch  to return to the previous page.

Selecting Media to Play



1. From the **Applications** menu, touch  **AllShare**.
2. Next to **Play file from my phone on another player**, touch .
3. Select **Videos**, **Audio**, or **Pictures**.

4. Select one or more media files you want to transmit to the playback device. A green checkmark appears when you select a media file.
5. Touch **Add to playlist**. Your Mesmerize begins searching for compatible Wi-Fi devices.
6. Select a playback device from the onscreen list. If your desired playback device does not appear, touch **Refresh**.

Receiving Media From a Server

1. From the **Applications** menu, touch  **AllShare**.
2. Next to **Play file from server on my phone**, touch .
3. Select a source media server from the onscreen list. If your preferred server does not appear, touch **Refresh**.

Receiving Media From a Server to Play Via My Phone

1. From the **Applications** menu, touch  **AllShare**.
2. Next to **Play file from server on another player via my phone**, touch .
3. Select a source media server from the onscreen list. If your preferred server does not appear, touch **Refresh**.


Books

With Google Books, you can find more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

- From the **Applications** menu, touch  **Books**.


Browser

Your phone includes a full HTML Browser, to access the internet. For more information about using your phone's Browser, see "Browser" on page 59.

- From the **Applications** menu, touch  **Browser**.


Calculator

Use your phone's Calculator to perform mathematical calculations.

- From the **Applications** menu, touch  **Calculator**.

Calendar

Record events and appointments to manage your schedule.

1. From the **Applications** menu, touch  **Calendar**.
2. Touch a tab to choose a calendar view:
 - **Month**: Display the current month, and scroll to other months.
 - **Week**: Display the current week, and scroll to other weeks.
 - **Day**: Display today's schedule, and scroll to other days.
 - **List**: Display events in a chronological list.

3. Touch  **Menu** for these options:

- **Create**: Add a new event to the calendar.
- **Go to**: Display a specific date.
- **Today**: Display today's events.
- **Search**: Display a field to enter search criteria.
- **Delete**: Delete an event.
- **Settings**: Customize the calendar.

Customizing the Calendar



1. From the **Applications** menu, touch  **Calendar**.
2. Touch  **Menu** → **Settings** to configure these settings:
 - **View settings**:
 - **Calendars**: View all your calendars.
 - **Calendar sync**: Synchronize calendars from multiple accounts.
 - **Default view**: Set the default view when Calendar opens.
 - **Day views**: Choose a view for a day's events.
 - **First day of week**: Choose a day to begin each week.
 - **Hide declined events**: Enable or disable display of events.
 - **Lock time zone**: When enabled, locks event times and dates to the Select time zone.
 - **Select time zone**: Select the desired time zone for Lock time zone.

- **Notification settings:**

- **Set alerts & notifications:** Select events to play the Alert tone only, show a Status bar notification only, or Off.
- **Vibrate:** Choose a setting: Always, Only in Silent mode or Never.
- **Select default ringtone:** Select a ringtone.

Sending Events via Bluetooth

Send events as vCalendar files to other Bluetooth devices.

1. From the **Applications** menu, touch  **Calendar**.
2. Touch an event to display its details.
3. Touch  **Menu** → **Send via**.
4. Follow the prompts to select a paired device, or pair with a new device. For more information, see *“Pairing with a Bluetooth Device”* on page 78

Camera

Take pictures and record video with your phone’s built in Camera. For more information, see *“Camera”* on page 68

- From the **Applications** menu, touch  **Camera**.

Car Cradle

The Car Cradle application puts mobility features right at your fingertips, to allow one-touch access to the maps, search, and navigation features of your phone while connected to an optional car cradle.

- From the **Applications** menu, touch  **Car Cradle**.

City ID

Subscribe to City ID to display city and state for incoming calls, and to look up city and state information for phone numbers.

- From the **Applications** menu, touch  **City ID**.

Clock

The Clock application includes Alarm clock, World clock, Stopwatch and Timer features. for Set alarms to go off once, or to repeat on specified days.

- From the **Applications** menu, touch  **Clock**.

Daily Briefing


Monitor the weather, financial information, news, and your schedule, in one convenient application.

- From the **Applications** menu, touch  **Daily Briefing**.

Desk Cradle

The Desk Cradle application puts popular features right at your fingertips, to allow one-touch access to Alarms, Voice Search, Gallery, Daily Briefing and Music features of your phone while connected to an optional desk cradle.

- From the **Applications** menu, touch  **Desk Cradle**.

Note: Touch  **Daily Briefing** to Add Cities or edit your city list.

Downloads

Lists files you have downloaded to your phone. You can select Internet Downloads or Other Downloads.

- From the **Applications** menu, touch  **Downloads**.


Email

Send and receive email using popular email services. For more information, see “*Email*” on page 56

- From the **Applications** menu, touch  **Email**.

Galaxy S premium

Access premium, subscription Customer Care information and services for Galaxy S phone users.

- From the **Applications** menu, touch  **Galaxy S premium**.

Gallery

Use Gallery to view, capture, and manage pictures and videos. For more information, refer to “*Gallery*” on page 72

- From the **Applications** menu, touch  **Gallery**.

Gmail

Send and receive emails via Gmail, Google’s web-based email. For more information, see “*Gmail*” on page 54

- From the **Applications** menu, touch  **Gmail**.


Google Search

Use Google to search the Web, and for content on your phone, including Amazon Kindle content, apps, Contacts, Memo, Messaging, and Music Player.

- From the **Applications** menu, touch  **Google Search**.

Latitude

Share your location with selected friends.

- From the **Applications** menu, touch  **Latitude**.

Maps

Use Google Maps to find your current location, search for destinations, and get detailed directions. For more information, see “*Maps*” on page 64.

- From the **Applications** menu, touch  **Maps**.

Market

Browse for new Android applications, games or downloads for your phone.

You'll need to have a Google account set up on your phone to download a new application.


1. From the **Applications** menu, touch  **Market**.
2. The first time you open Market, read the Terms of Service, then touch **Accept** to continue.
3. Browse for items to install or upgrade downloads:
 - **Apps**: New applications.
 - **Games**: New games.
 - **Books**: Free and for sale ebooks.
 - **Movies**: Movies for rent.
4. For more options, touch  **Menu**. The following options are available:
 - **My Apps**: Applications downloaded and installed on your phone.
 - **Accounts**: Select among Google accounts defined to your phone.
 - **Settings**: Set content filtering level and whether to Receive interest-based ads.
 - **Help**: Information on how to use Android Market.

Media Hub

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

For more information, refer to “*Media Hub*” on page 74.

Note: Media Hub service requires a Media Hub account, and depends on service availability.

- From the **Applications** menu, touch  **Media Hub**.

Memo


Create and manage text memos, and send memos via Bluetooth to paired Bluetooth devices.

- From the **Applications** menu, touch  **Memo**.

Note: You can send a memo via Bluetooth. After creating a memo, touch  **Menu** → **Send via**, then follow the prompts to send the memo to a paired Bluetooth device. To send a saved memo, touch and hold on the Memo to launch Bluetooth. For more information about using Bluetooth, see “*Bluetooth*” on page 77.


Mini Diary

Keep a personal diary.

- From the **Applications** menu, touch  **Mini Diary**.


Music Player

Play music files from an optional installed memory card. For more information, see “*Music Player*” on page 66

- From the **Applications** menu, touch  **Music Player**.

My Files

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

1. From the **Applications** menu, touch  **My Files**.
2. Tap a folder and scroll down or up until you locate a file.
3. Touch a file to launch it in the associated application (if the file is associated with an application).
4. While browsing files, use these controls:
 - Touch **Up** to go back up to a higher directory.
 - Touch **Home** to go back to the root directory.
 - Touch  **Menu** for these options:
 - **Share**: Upload the file via AllShare, Messaging, Picasa, Gmail, Bluetooth or YouTube.
 - **Create folder**: Create a new folder for storing files.

- **Delete**: Erase selected file(s).
- **View by**: Display files as a List, as a List and details, or as Thumbnails.
- **List by**: Sort files by Time, Type, Name, or Size.
- **More**: Move, Copy, Rename, set Bluetooth visibility for file(s), or change settings for My Files.

MyContacts Backup

Backup your Contacts list to your Wireless Provider's server.

- From the **Applications** menu, touch  **MyContacts Backup**.

Navigation

Use Google Maps Navigation to find, share and navigate to millions of locations, avoid traffic and drive or walk with ease.

Note: Navigation requires service activation. Contact your Wireless Provider for more information.

- From the **Applications** menu, touch  **Navigation**.

The first time you start Google Maps Navigation, you'll be prompted to subscribe to the service. Download and install the application, and read and agree to the terms of service.

News & Weather

News & Weather monitors the weather, financial information, news, and your schedule, in one convenient application.

- From the **Applications** menu, touch  **News & Weather**.

Places

Find places of interest near your **Latitude** location. (For more information, refer to “*Latitude*” on page 84.)

- From the **Applications** menu, touch  **Places**.


Portable Wi-Fi Hotspot

Use the Portable Wi-Fi Hotspot to share your phone's internet connection with a PC through Wi-Fi, using your phone as the Wi-Fi hotspot. For more information, For more information, refer to “*Portable Wi-Fi Hotspot*” on page 92.

- From the **Applications** menu, touch  **Portable Wi-Fi Hotspot**.

Settings

Configure your phone to your preferences. For more information, see “*Settings*” on page 91.

- From the **Applications** menu, touch  **Settings**.


Talk

Use Google Talk to chat with other Google Talk users. For more information, see “*Google Talk*” on page 56

- From the **Applications** menu, touch  **Talk**.

Task Manager

View and manage active applications on your phone.

1. From the **Applications** menu, touch  **Task Manager**.
2. Touch **Active applications** to view applications currently running on your phone. Touch End to end an application, or End all to end all running applications.
3. Touch **Downloaded** to view applications downloaded and installed on your phone.
4. Touch **RAM** to clear inactive and background process from memory.
5. Touch **Storage** for a list of memory statistics.
6. Touch **Help** for information about extending battery life.

ThinkFree Office

ThinkFree Office Mobile for Android™ is a Microsoft Office®-compatible office suite, that provides a central place for managing your documents on and off line.

- From the **Applications** menu, touch  **ThinkFree Office**.

Tone Room Deluxe

Find, purchase, and download Ringtones and Ringback Tones.


- From the **Applications** menu, touch



Tone Room Deluxe.

Video Player

View and manage videos stored on an optional installed memory card, or shop for new videos.

- From the **Applications** menu, touch  **Video Player.**


Voice Commands

Voice Commands is advanced speech recognition software that recognizes your spoken commands to dial phone numbers, create messages, and launch phone features such as Contacts, Calendar and My Music.

To use Voice Commands, speak naturally into your phone, at a distance of 3-12 inches. There is no need to “train” Voice Commands, it is designed to recognize natural speech.


- From the **Applications** menu, touch  **Voice Commands.**

Note: At each step, Voice Commands displays a list of available commands. If Voice Commands does not recognize your command, it will prompt you to confirm.

Tip: Touch  **Menu** → **Help** at any time to display helpful tips for using Voice Commands.


Call <Name or #>

Place a call by speaking a contact name or telephone number.

1. From the **Applications** menu, touch  **Voice Commands.**
2. At the audio prompt “**Say a command**”, say “**Call**”, followed by:
 - “<**A Name**>”, to call the default telephone number for a Contact. Or, say “Call”, followed by the type of number label.
 - “<**Number**>”, to dial phone number.
3. Follow the prompts to confirm your selection and place the call.


Send <Msg Type>

Create a new message by speaking the type of message and the recipient(s).

1. From the **Applications** menu, touch  **Voice Commands.**
2. At the audio prompt “**Say a command**”, say “**Send Text**”, “**Send Picture**”, or “**Send Video**”.
3. At the prompt, say a Contact name, telephone number.
4. The new message opens, with the To: field populated with your selection(s). Continue creating the message. (For more information, refer to “*Messaging*” on page 52.)


Lookup <Name>

Access a contact record by speaking the name of the contact.

1. From the **Applications** menu, touch  **Voice Commands**.
2. At the audio prompt “**Say a command**”, say “**Lookup**” followed by the name of a Contact entry. The named Contact’s information appears in the display.


Go To <Menu>

Access an application by speaking the application name.

1. From the **Applications** menu, touch  **Voice Commands**.
2. At the audio prompt “**Say a command**”, say “**Go to**”, followed by the name of a menu item, for example, “**Allshare**”, “**Phone**”, “**Messaging**”, “**Calendar**”, “**Settings**”, “**Browser**”, “**My Files**” or “**Music Player**”.

Play <Playlist Name>

Launch My Music and start playback of a saved playlist.

1. From the **Applications** menu, touch  **Voice Commands**.
2. At the audio prompt “**Say a command**”, say “**Play**”, followed by the name of a stored playlist.


Check <Item>

Access device information by speaking the command.

1. From the **Applications** menu, touch  **Voice Commands**.
2. At the audio prompt “**Say a command**”, say “**Check**”, followed by a command:
 - **Status**: Displays and announces all phone status indicators.
 - **Vicemail**: Displays and announces the number of new voicemail messages.
 - **Messages**: Displays and announces the number of new Text, Picture and Voice messages.
 - **Missed Calls**: Displays the missed call log.
 - **Time**: Displays and announces the current time.
 - **Signal Strength**: Displays and announces the current 1x signal strength level.
 - **Network**: Displays network roaming status.
 - **Battery**: Displays and announces the current battery level.
 - **My Phone Number**: Displays and announces your phone number.
 - **Volume**: Displays and announces the current volume level.

Voice Commands Settings

Configure the Voice Commands feature of your phone.

1. From the **Applications** menu, touch  **Voice Commands**.
2. touch  **Menu** → **Settings** Select a setting for customization:
 - **Confirmation:** Select when the system asks you to confirm a name or number. Select **Automatic**, **Always Confirm**, or **Never Confirm**.
 - **Adaptation:** Train Voice Commands to recognize your voice. Choose **Adapt Voice**, then follow the audio prompts.
 - **Audio Modes:** Set the level of audio assistance. Choose **Expert Mode**, **Prompt Mode**, or **Readout Mode**.
 - **About:** View information about Voice Commands.


Voice Recorder

Record your voice or other sounds, and share recordings via Bluetooth, Messaging, or Gmail.

- From the **Applications** menu, touch  **Voice Recorder**.

Voice Search

Search your phone and the Internet using spoken criteria.

- From the **Applications** menu, touch  **Voice Search**.

Write & Go


Capture ideas as a text note, then choose a format for sending via Gmail, saving to the Calendar or as a memo, or use it to update your Facebook, MySpace, or Twitter status.

1. From the **Applications** menu, touch  **Write & Go**.
2. Compose a text note, then use the following options:
 - **Send message:** Create a new text message containing the note.
 - **Update status:** Log in to post the note to update your status on Facebook, MySpace, or Twitter.
 - **Save:** Save the note as an event in Calendar, or as a Memo.

Your Navigator


Obtain turn-by-turn driving instructions to a specified destination.

Important!: Your Navigator deluxe requires you to activate the GPS location function on your phone. (For more information, refer to “*Location & security*” on page 101.)

1. From the **Applications** menu, touch  **Your Navigator**.
2. Follow the prompts to activate Wireless Modem service.

YouTube




View and upload YouTube videos, right from your phone. for more information, see “*YouTube*” on page 59

- From the **Applications** menu, touch  **YouTube**.

Section 12: Settings

This section explains Settings for customizing your phone.

Accessing Settings

- ▶ From the Home screen, touch  **Menu** → **Settings**.
— or —
- ▶ From the Home screen, touch  **Applications** →  **Settings**.

Wireless & networks

Control your phone's wireless connections.

Wi-Fi Settings

Set up and manage Wireless Access Points (WAPs). Your phone supports Wi-Fi b/g/n.

Turning Wi-Fi On or Off


Turn your phone's Wi-Fi service on or off. When you turn Wi-Fi service on, your phone automatically searches for available, in-range Wireless Access Points (WAPs).

Tip: When you turn Wi-Fi service on, your phone automatically searches for available networks, and displays them under Detected Networks.

1. From the **Settings** screen, touch **Wireless & networks** → **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn Wi-Fi On or Off. When on, a check appears in the checkbox.

Wi-Fi Network Settings

Set up and manage wireless access points.

1. From the Home screen, touch  **Menu** → **Settings** → **Wireless & networks** → **Wi-Fi settings**.
2. Touch settings to configure:
 - **Add Network:** Manually add a new Wi-Fi connection.
 - **Manage Networks:** Manage your saved network settings.
 - **Search:** Scan for available Wireless Access Points.
 - **Advanced:** View and configure Wi-Fi settings for your phone.

Advanced Wi-Fi settings

1. From the **Settings** screen, touch **Wireless & networks** → **Wi-Fi settings**. The **Wi-Fi settings**, **Detected Networks** and **Network Settings** options display.

2. Scroll down to the Network Settings and touch **Advanced** to see the following options:

- **Wi-Fi sleep policy:** Specify when to switch from Wi-Fi to mobile data for data communications. This setting can affect the behavior of devices you connect to your phone, such as when tethering or using 3G Mobile Hotspot. The Wi-Fi sleep policy options include:
 - When screen turns off
 - Never when plugged in
 - Never
- **MAC address:** View your phone's MAC address, needed for connecting to some secured networks (not configurable).
- **Proxy:** Touch to enter a proxy number.
- **Port:** Touch to enter a port number.
- **IP Settings:** Enable a Static IP address, and manually configure its settings:
 - **Use static IP:** Touch to use a static IP. When enabled, a check mark appears in the checkbox.
 - **IP address:** When using a static IP, enter the IP address.
 - **Gateway:** When using a static IP, enter the Gateway.
 - **Netmask:** When using a static IP, enter the Netmask.
 - **DNS 1:** When using a static IP, enter the DNS 1 value.
 - **DNS 2:** When using a static IP, enter the DNS 2 value.

Portable Wi-Fi Hotspot

Use Portable Wi-Fi Hotspot to share your phone's internet connection with a PC or other device through Wi-Fi.

Note: To use Portable Wi-Fi Hotspot, you need the Portable Wi-Fi Hotspot feature from your wireless provider. Contact your wireless provider for more information.

Portable Wi-Fi Hotspot consumes battery power and uses data service. While the Portable Wi-Fi Hotspot is active, your phone's applications will use the Portable Wi-Fi Hotspot data feature allowance.

Portable Wi-Fi Hotspot On or Off

1. From the **Settings** screen, touch **Wireless & networks** → **Portable Wi-Fi Hotspot**.
2. Touch **Portable Wi-Fi Hotspot** to turn Portable Wi-Fi Hotspot On or Off. When on, a check appears in the checkbox.

Note: Using your phone as a mobile hotspot consumes battery power and increases your data usage. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Portable Wi-Fi Hotspot Settings

1. From the **Settings** screen, touch **Wireless & networks** → **Portable Wi-Fi Hotspot**.
2. Touch **Configure** to configure your Portable Wi-Fi Hotspot:
 - **Automatic**: Automatically create an SSID and Key for your hotspot.
 - **Manual**: Configure your Portable Wi-Fi Hotspot.
 - **Network Name** (SSID): View and edit your phone's name, used by other devices when connecting to your mobile hotspot.
 - **Broadcast SSID**: Enable to allow your device's Network Name (SSID) to be broadcast, so other devices can search for it. When enabled, a check appears in the checkbox. When disabled, your device is "hidden", and your hotspot can only be accessed by devices you specifically allow.
 - **Security**: Choose a security level.
 - **Password**: Touch to require a password to access your phone as a hotspot, and set a password.
 - **Show password**: Touch to enable display of your password in the Password field. When disabled, the password is not shown.
 - **Broadcast Channel**: Choose Auto to have the phone automatically choose a channel for broadcasting, or choose a channel.

Tip: By default, your phone's mobile hotspot password is your phone number.

3. Touch **Manage Devices** to view and manage devices you've allowed to connect to your Portable Wi-Fi Hotspot, then:
 - Touch **View Connected Devices** to view devices connected to your Portable Wi-Fi Hotspot.
 - Touch **Manage Allowed Devices** to manage a list of device you will allow to connect to your mobile hotspot.
 - Touch **Allow all devices** to connect to allow any device to connect.
 - Touch **Add device** to enter the MAC address for a new device.
4. Touch **Battery Management** to choose a time period to have Portable Wi-Fi Hotspot remain on after you turn it on. If you choose **Never Turn-Off**, the hotspot remains on until you turn it off.

Note: Using your phone as a mobile hotspot consumes battery power and increases your data usage. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Bluetooth Settings

Your phone supports Bluetooth® 3.0.

Bluetooth profiles

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

- **Headset:** HSP v1.1 profile supports use of a compatible Bluetooth headset for mono voice.
- **Handsfree:** HFP v1.5 profile supports Bluetooth headsets, and may also support other installed compatible Bluetooth devices with speakerphone capabilities.
- **Stereo:** A2DP v1.0, AVRCP v1.0, GAVDP and AVDTP profiles support delivery of stereo audio to a compatible Bluetooth device.
- **Phonebook Access:** PBAP v1.0 profile allows sharing of multiple name card and phonebook entries with a compatible Bluetooth device.
- **Object Push:** OPP v1.1 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices.

Note: This device does not support all Bluetooth profiles. For vehicle/ accessory compatibility, contact your Wireless Provider.

Bluetooth settings

Manage Bluetooth connections, set your device's name, and control your device's visibility to other devices.

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

1. From the **Settings** screen, touch **Wireless & networks** → **Bluetooth settings**.
2. Touch a setting to configure Bluetooth:
 - **Bluetooth:** Touch to turn Bluetooth On or Off. When On, a check appears in the checkbox.
 - **Device Name:** Your device's default name appears on screen. Touch to change the device name. Available when Bluetooth is turned On.
 - **Discoverable:** Control your phone's visibility to other devices' Bluetooth searches. Touch to turn On or Off. Available when Bluetooth is turned On.
 - **Scan devices:** Touch to scan for nearby discoverable devices. After searching, touch a device to pair with it.

Airplane mode

When airplane mode is activated, all your phone's wireless connections are disabled, and you cannot make or receive calls or messages or connect to networks. While in airplane mode, you can use other features of your phone, such as playing music, watching videos, or other applications.

1. From the **Settings** screen, touch **Wireless & networks**.
2. Touch **Airplane mode** to activate or deactivate airplane mode. When activated, a check appears in the checkbox.

Tethering

Use Tethering to share your device's 3G internet connection with another device that connects to your device via USB cable.

1. From the **Settings** screen, touch **Wireless & networks** → **Tethering**.
2. Connect the other device to the phone via USB cable.
3. Touch **USB Tethering** to turn tethering On or Off. When On, a check appears in the checkbox.

VPN settings

Set up and manage Virtual Private Networks (VPNs). For more information about using VPNs, see “VPN” on page 78

Adding a VPN

1. From the **Settings** screen, touch **Wireless & networks** → **VPN settings**.
2. Touch **Add VPN** to set up a connection to a VPN, using the following settings:
 - **Add PPTP VPN**: Set up a connection to a VPN with Point-to-Point tunneling protocol.
 - **Add L2TP VPN**: Set up a connection to a VPN with Layer 2 tunneling protocol.
 - **Add L2TP/IPSec PSK VPN**: Set up a connection to a VPN with pre-shared key-based Layer 2/IPsec tunneling protocol.
 - **Add L2TP/IPSec CRT VPN**: Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.

Mobile networks

Set options for network selection and data services while roaming.

Important! Depending on your service plan, changes you make to Mobile Networks settings may incur extra charges. Contact your Wireless Provider for more information.

1. From the **Settings** screen, touch **Wireless & networks** → **Mobile networks**.
2. Set these options:
 - **Data enabled:** Enable/disable data access over Mobile network.

Note: Enabling **Data enabled** disables and hides **System select**.

- **Data roaming:** Enable or disable connection to data services when your device is roaming on another network. For more information about roaming, see *“Roaming”* on page 11
- **System select:** Change the roaming mode for CDMA networks. (Only visible with **Data enabled** disabled.
 - **Home Only:** Restrict your phone to your home network’s coverage area. When outside the coverage area, your phone will not roam, and call functions and other wireless features will not be available.
 - **Automatic:** Allow your phone to automatically acquire service based on default settings, using your Wireless Provider’s network and the networks of roaming partners.

Call settings

Ignore with message

Create messages to use when rejecting incoming calls. For more information, see *“Ignoring a call with a message”* on page 31

1. From the **Settings** screen, touch **Call settings** → **Ignore with message**.
2. Touch **Create**.
3. Enter the message text, then touch **Save**.

Note: To erase messages, touch  **Menu** → **Delete**.

View call timer

View incoming, outgoing, roaming, all calls timer.

- From the **Settings** screen, touch **Call settings** → **View call timer**.

Auto retry

When enabled, your phone will automatically re-attempt a call when it encounters a busy signal from the network.

1. From the **Settings** screen, touch **Call settings**.
2. Touch **Auto retry** to enable or disable automatic call retry. When enabled, a check mark appears in the checkbox.

DTMF Tones

Set the length of DTMF (Dual Tone Multiple Frequency) tones that your phone sends. DTMF tones are used as input by some automated call systems.

1. From the **Settings** screen, touch **Call settings** → **DTMF tones**.
2. Touch **Normal** or **Long**.

TTY Mode

When enabled, TTY Mode allows your phone to work with a TTY device attached to the Headset Jack. Before using your phone with a TTY device, you'll need to enable TTY Mode.

1. From the **Settings** screen, touch **Call settings** → **TTY mode**.
2. Touch **TTY Off**, **TTY Full**, **TTY HCO**, or **TTY VCO**.

Call Restrictions

Set Call Restrictions for Incoming and Outgoing calls.

1. From the **Settings** screen, touch **Call settings** → **Call Restrictions**.
2. Touch **Incoming** or **Outgoing** and choose one of the following options: **Allow All**, **Allow Contacts** or **Allow None**.

Voice privacy

When enabled, Voice privacy encrypts your voice calls for enhanced privacy.

1. From the **Settings** screen, touch **Call settings**.
2. Touch **Voice privacy** to enable or disable voice privacy. When enabled, a check mark appears in the check box.

Auto Answer

Set the answer options for incoming calls.

1. From the **Settings** screen, touch **Call settings** → **Auto Answer**.
2. Choose from the following settings: **Off**, **After 1 Second**, **After 3 Second** or **After 5 Second**.

Emergency Number

Set Emergency Numbers for emergency calls.

1. From the **Settings** screen, touch **Call settings** → **Emergency Number**.
2. Touch **911** to enable or disable voice privacy. When enabled, a check mark appears in the check box.

Sound settings

General

Silent mode

Temporarily silence all the sounds your phone makes except for media playback and alarms.

1. From the **Settings** screen, touch **Sound settings**.
2. Touch **Silent mode** to enable or disable silent mode. When enabled, a check mark appears in the check box.

Vibrate

When enabled, your device vibrates to alert you to new notifications.

1. From the **Settings** screen, touch **Sound settings**.
2. Touch **Vibrate** to choose a vibrate mode.
 - **Always**
 - **Never**
 - **Only in silent mode**
 - **Only when not in silent mode**

Note: The Phone vibrate setting is independent of other call sounds settings. For example, if you have Silent mode enabled with Phone vibrate, your phone won't play a ringtone, but will vibrate for an incoming call.

Volume

Set the system volume level, and set default volume for call ringtones, notifications, and media playback.

Note: You can also set System volume from the Home screen by pressing the **Volume Key**.

1. From the **Settings** screen, touch **Sound settings** → **Volume**.
2. Touch and drag the slider to set **Incoming call volume**.
3. Touch and drag the slider to set **Media volume**.
4. Touch and drag the slider to set **System volume**.
5. Touch and drag the slider to set **Notification volume**.
— or —
Touch **Use incoming call volume for notifications** to match notification volume to incoming call volume.
6. Touch **OK** to save your setting.

Incoming calls

Voice call ringtone

Choose a default ringtone for all incoming calls.

Tip: You can also set songs as ringtones for all calls, or for a selected contact. For more information, see “*Setting a song as a ringtone*” on page 67

1. From the **Settings** screen, touch **Sound settings** → **Voice call ringtone**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

Notifications

Notification ringtone

Select a default ringtone for message, alarm, and other notifications.

Tip: You can also set songs as alarm ringtones. For more information, see “*Setting a song as a ringtone*” on page 67

1. From the **Settings** screen, touch **Sound settings** → **Notification ringtone**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

Feedback

Audible touch tones

When enabled, tones play for when you dial numbers on the Phone Dialer.

1. From the **Settings** screen, touch **Sound settings**.
2. Touch **Audible touch tones** to enable or disable tones. When enabled, a check mark appears in the check box.

Audible selection

When enabled, tones play when you touch the screen for selections (other than the Phone Dialer).

1. From the **Settings** screen, touch **Sound settings**.
2. Touch **Audible selection** to enable or disable tones. When enabled, a check mark appears in the check box.

Screen lock sounds

When enabled, tones play when unlocking and locking the screen.

1. From the **Settings** screen, touch **Sound settings**.
2. Touch **Screen lock sounds** to enable or disable tones. When enabled, a check mark appears in the check box.

Haptic feedback

When enabled, the phone vibrates to indicate screen touches and other interactions.

1. From the **Settings** screen, touch **Sound settings**.
2. Touch **Haptic feedback** to enable or disable vibration. When enabled, a check mark appears in the check box.

Vibration intensity

Set the intensity of vibration for screen touch feedback.

1. From the **Settings** screen, touch **Sound settings** → **Vibration intensity**.
2. Touch and drag the slider to set Vibration intensity.
3. Touch **OK** to save your setting.

Emergency Tone

You can set your phone to play an alert tone or vibrate during an emergency call (for example, calls to 911).

1. From the **Settings** screen, touch **Sound settings** → **Emergency tone**.
2. Touch **Alert** or **Vibrate**, or touch **Off** for no emergency tone.

Display settings

Font style

Set the font for screen displays.

1. From the **Settings** screen, touch **Display settings**.
2. Touch **Font style** to choose a font style, or touch **Get fonts online** to browse and download a new font.

Brightness

Set the default screen brightness.

1. From the **Settings** screen, touch **Display settings** → **Brightness**.
2. Touch and drag the slider to set the brightness, or touch to enable **Automatic brightness**.
3. Touch **OK** to save the setting.

Auto-rotate screen

When enabled, the screen orientation will automatically change when you rotate the phone.

1. From the **Settings** screen, touch **Display settings**.
2. Touch **Auto-rotate screen** to enable or disable automatic screen rotation. When enabled, a check mark appears in the check box.

Animation

Set the level of animations for transitions from one window to another.

1. From the **Settings** screen, touch **Display settings** → **Animation**.
2. Touch **No animation**, **Some animations**, or **All animations**.

Screen timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. From the **Settings** screen, touch **Display settings** → **Screen timeout**.
2. Touch a setting to select it.

Power saving mode

When enabled, your phone will automatically analyze the screen and adjust the brightness to conserve battery power.

1. From the **Settings** screen, touch **Display settings**.
2. Touch **Power saving mode** to enable or disable the mode. When enabled, a check appears in the check box.

Location & security

My Location

Wireless networks

Enable or disable location service from your Wireless Provider.

Note: Network location services must be enabled to use some applications.

Important!: By selecting **Network location services**, you are enabling your Wireless Provider and third-party authenticated and validated location-enabled services access to certain location information available through this network or device.

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Use wireless networks** to enable or disable Network location services. When enabled, a check mark appears in the check box.

GPS satellites

Enable or disable location service from Standalone GPS services.

Note: Standalone location services must be enabled to use some applications.

Note: 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

Important! By selecting **Standalone GPS services**, you are allowing access to all location information by any third party through web access or any software or peripheral components you choose to install, download, add or attach to the device or any other means. Enabling this functionality could pose certain risks to users of this device.

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Use GPS satellites** to enable or disable Standalone GPS services. When enabled, a check mark appears in the check box.

Screen unlock settings

Set screen lock

Choose settings for unlocking your screen.

For more information about using the lock and unlock features of your phone, see “*Securing Your Phone*” on page 13

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Set screen lock/Change screen lock** for these settings:
 - **None:** Touch to disable all screen lock settings.
 - **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:** Touch to select a PIN to use for unlocking the screen.
 - **Password:** Touch to create a password for unlocking the screen.
3. Follow the prompts to create or change your screen unlock pattern.

Passwords

Visible passwords

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

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Visible passwords** to enable or disable brief displays of password characters. When enabled, a check mark appears in the check box.

Device administration

Select device administrators

Add or remove device administrators.

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Select device administrators**.

Use secure credentials

You can install credentials from an optional installed memory card, and use the Credential storage settings to allow applications to access the secure certificates and other credentials.

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

1. From the **Settings** screen, touch **Location & security**.

2. Touch **Use secure credentials** to enable or disable. When enabled, a check mark appears in the check box.

Install Encrypted Certificates

Install encrypted certificates from an optional installed memory card.

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

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Install encrypted certificates**, then choose a certificate and follow the prompts to install.

Set password

Set or change a password to protect credentials.

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Set password**, then follow the prompts.

Clear storage

Clear stored credentials and reset the password.

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

1. From the **Settings** screen, touch **Location & security**.
2. Touch **Clear storage** to clear stored credentials and reset the password.

Applications

You can download and install applications from Android Market, or create applications using the Android SDK and install them on your phone. Use Applications settings to manage applications on your phone.

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


Unknown sources

When enabled, allows installation of applications from sources other than the Android Market.

1. From the **Settings** screen, touch **Applications**.
2. Touch **Unknown sources** to enable or disable the setting. When enabled, a check mark appears in the check box.

Manage applications

Manage and remove applications from your phone.

1. From the **Settings** screen, touch **Applications** → **Manage applications**. The following menus of application groupings display:
 - **Downloaded**
 - **All**
 - **On SD card**
 - **Running**
2. Touch an application group to view and update information about those applications, including memory usage, default settings and permissions.
3. Touch  **Back** to return to Applications settings.

Running services

View and control services running on your phone.

Warning!: Not all services can be stopped, and stopping services may have undesirable consequences on the application or Android System.

1. From the **Settings** screen, touch **Applications** → **Running services**.
2. To stop a service, touch the service, then touch **Stop** at the confirmation prompt.

Storage use

View storage used by applications.

1. From the **Settings** screen, touch **Applications** → **Storage use**.
The storage space used by the applications on your phone is displayed.
2. Touch the tabs at the top of the display to show storage used by **Downloaded** applications, **All** applications, **On SD Card** applications, and **Running** applications.

Battery use

View the applications or services (in percentages) that are using battery power.

- From the **Settings** screen, touch **Applications** → **Battery use**.

Development

Set options for application development.

USB debugging

When enabled, allows debugging when the phone is attached to a PC by a USB cable.

Note: This setting is used for development purposes.

1. From the **Settings** screen, touch **Applications** → **Development**.
2. Touch **USB debugging** to enable or disable the setting.
When enabled, a check mark appears in the check box.

Allow mock locations

This setting is used by developers when developing location-based applications.

Note: This setting is used for development purposes.

1. From the **Settings** screen, touch **Applications** → **Development**.
2. Touch **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the box.

Accounts & sync

Set up and manage accounts, including your Google and Backup Assistant accounts.

General sync settings

Background data

When enabled, all accounts can sync, send, and receive data at any time, in the background.

Important! Disabling background data can extend battery life and lower data use. Some applications may still use the background data connection, even if this setting is disabled.

1. From the **Settings** screen, touch **Accounts & sync**.
2. Touch **Background data** to enable or disable the setting. When enabled, a check mark appears in the check box.

Auto-sync

When enabled, all accounts sync data at any time, automatically.

1. From the **Settings** screen, touch **Accounts & sync**.
2. Touch **Auto-sync** to enable or disable the setting. When enabled, a check mark appears in the check box.

Manage accounts

Use Manage accounts to set up and configure your accounts.

Note: Available settings depend on the type of account. Not all settings are available for all accounts.

1. From the **Settings** screen, touch **Accounts & sync**.
2. Under **Manage accounts**, touch the account to modify its settings.

Tip: For more information about managing accounts, see “*Setting Up Your Accounts*” on page 34.

Adding an account

1. From the **Settings** screen, touch **Accounts & sync**.
2. Under **Manage accounts**, touch **Add account** and follow the prompts to enter your credentials and set up the account.

Tip: For more information about adding accounts, see “*Setting Up Your Accounts*” on page 34.

Removing an account

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

1. From the **Settings** screen, touch **Accounts & sync**.
2. Touch an account to display its settings.
3. Touch **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts and other data.

Privacy

Use Privacy settings to manage use of personal information by your phone.

Factory data reset

Use Factory data reset to return your phone to its factory defaults. This setting erases all data from your phone, including your Google or other email account settings, system and application data and settings, and downloaded applications. It will not erase current system software and bundled applications, or files stored on an optional installed memory card, such as music or photos.

1. From the **Settings** screen, touch **Privacy**.
2. Touch **Factory data reset**, then follow the prompts to perform the reset.

Storage

Manage the use of memory resources in your phone's internal memory, and on an optional installed memory card.

External SD card

1. From the **Settings** screen, touch **Storage**.
2. View **Total space** and **Available space** memory usage on an installed memory card (not user-configurable).
3. Touch **Unmount SD card** to prepare the memory card for safe removal or formatting. For more information, see *"Removing a Memory Card"* on page 13.
4. Touch **Erase SD card** to erase the memory card and prepare it for use with your phone. For more information, see *"Formatting a Memory Card"* on page 79.

Internal phone storage

View memory usage for your phone's 2GB internal memory.

Note: This setting cannot be configured.

- From the **Settings** screen, touch **Storage**.

USB Settings

Select whether your phone's USB connector is set for use by the **Samsung Kies** application, as a **Mass storage** (removable disk drive) device, or to **Ask on connection** for your choice.

Language & keyboard

Select locale


Set the language used by your phone's screens.

1. From the **Settings** screen, touch **Language & keyboard** → **Select locale**.
2. Touch a language/locale from the list.

User dictionary

When you enter text, the predictive text features of Swype and Android keyboard suggest words matching your key touches. If you find that predictive text often predicts the wrong word, or if you have special words that you enter often, add them to the User dictionary.

Add and manage words in your user dictionary.

- To add a word, touch  **Menu** → **Add**.
- To edit a word, touch the word, then select **Edit**.
 - To delete a word, touch the word, then select **Delete**.

Text settings

Configure text entry options to your preferences.

Select input method

Select the input method: Android keyboard, Samsung keypad, or Swype.

Swype

Configure Swype settings. Swype is a new way to enter text by gliding your finger over the characters on the keyboard. For more information, see *“Entering Text Using Swype”* on page 47.

1. From the **Settings** screen, touch **Language & keyboard** → **Swype**.
2. Touch items to configure the setting. Settings include:
 - **Preferences:**
 - **Language:** Choose US English or Español.
 - **Word Prediction:** When enabled, suggests possible matching words as you enter text.
 - **Audio Feedback:** When enabled, plays sounds as you enter text.
 - **Vibrate on keypress:** When enabled, the phone vibrates on text entry.
 - **Enable Tip Indicator:** When enabled, displays a flashing indicator for quick help as you enter text.
 - **Swype Advanced settings:**
 - **Auto-spacing:** When enabled, inserts spaces automatically when you pause entering text.
 - **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
 - **Show complete Trace:** Choose whether to display the complete Swype path.
 - **Word Choice Window:** Select how often word predictions display during text entry.

- **Speed vs. accuracy:** Send the sensitivity of Swype text recognition.
- **Help:**
 - **Swype Help:** View the Swype User Manual.
 - **Tutorial:** View a tutorial for learning how to Swype.
- **About:**
 - **Version:** View the current Swype software version.

Android keyboard

Configure Android keyboard settings. For more information about entering text with the Android keyboard, see *“Entering Text Using the Android Keyboard”* on page 51.

1. From the **Settings** screen, touch **Language & keyboard → Android keyboard**.
2. Touch items to enable or disable the setting. When enabled, a check mark appears in the check box. Settings include:
 - **Vibrate on keypress:** When enabled, the phone vibrates for each key press.
 - **Sound on keypress:** When enabled, a sound plays for each key press.
 - **Pop-up on keypress:** When enabled, the character pops-up for each key press.
 - **Touch to correct words:** When enabled, lets you touch entered words to correct them.

- **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
- **Show settings key:** Select whether the Settings key displays Automatically, Always shows, or Always hides.
- **Voice input:** Voice Input is an experimental feature using Google's networked speed recognition. When enabled, the Voice input key appears on the Android keyboard. To use Voice input, touch the Voice input key, or slide your finger over the keyboard.
- **Input languages:** Slide finger on spacebar to change language to English or Espanol.
- **Word suggestion settings:**
 - **Quick fixes:** When enabled, corrects common mistakes.
 - **Show suggestions:** When enabled, displays suggested words while entering text.
 - **Auto-complete:** When enabled, pressing the spacebar or a punctuation character automatically inserts the highlighted suggested word.

Samsung keypad

Configure Samsung keypad settings. For more information about entering text with the Samsung keypad.

1. From the **Settings** screen, touch **Language & keyboard → Samsung keypad**.

2. Touch items to enable or disable the setting. When enabled, a check mark appears in the check box. Settings include:

- **Portrait keypad types:** Select which type of Samsung keypad appears when you touch a text entry field, either Qwerty Keypad, 3x4 Keypad, Handwriting box 1, or Handwriting box 2.
- **Input languages:** Select the language you want to enter using the Samsung keypad.
- **XT9:** When enabled, lists words that include your key presses.
- **XT9 advanced settings:** Lets you enable those XT9 features you want to use and disable those you don't want to use. Choose from the following: Word completion, Word completion point, Spell correction, Next word prediction, Auto-append, Auto-substitution, Regional correction, Recapture, XT9 my words and XT9 auto-substitution.
- **Keypad sweeping:** When enabled, lets you select text entry modes by sweeping across the Samsung keypad.
- **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
- **Handwriting settings:** Select the speed of response of the Samsung Handwriting keypads. Also access an explanation of Handwriting keypad use.
- **Voice input:** touch to enable or disable voice input.
- **Auto-full stop:** touch to enable or disable auto-full stop.
- **Tutorial:** Learn about this keypad's functions.

Voice input & output

Use Voice input and output settings to customize your device's voice recognition feature, and audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.

Voice input

Voice recognition settings

1. From the **Settings** screen, touch **Voice input & output**.
2. Touch **Voice recognition settings** to configure:
 - **Language:** Choose a language for your voice input.
 - **SafeSearch:** Set the sensitivity for filtering of explicit images from the results of your voice-input Google searches.
 - **Block offensive words:** Enable or disable blocking of recognized offensive words from your voice-input Google search results.
 - **Personalized recognition:** Tailor voice recognition to your voice. Personalization information is saved to your Google account.
 - **Google Account dashboard:** View and manage your Google account settings and data.

Voice output

Text-to-speech settings

Text-to-speech provides audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.

1. From the **Settings** screen, touch **Voice input & output** → **Text-to-speech settings**.
2. Touch a setting to configure:
 - **Text-to-speech settings**
 - **Listen to an example:** Play a sample of speech synthesis (available if voice data is installed).
 - **Driving mode:** When enabled, incoming calls and new notifications will be read out automatically.
 - **Always use my settings:** When enabled, settings you make override the application's default settings.
 - **Default settings**
 - **Default engine:** Choose the default text-to-speech engine application.
 - **Install voice data:** Download and install the speech synthesis data needed to activate Text-to-speech from Android Market (free).
 - **Speech rate:** Set the speed at which text is spoken.
 - **Language:** Set a language-specific voice for spoken text.
 - **Engines**
 - **Pico TTS:** Configure Pico TTS settings.

Accessibility

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

1. From the **Settings** screen, touch **Accessibility**.
2. Touch **Accessibility** to activate or deactivate accessibility services. When activated, a check appears in the box.

Accessibility services

Enable or disable accessibility services.

Note: You must activate the **Accessibility services** setting before enabling services.

1. From the **Settings** screen, touch **Accessibility**.
2. Touch a service to enable or disable the service. When enabled, a check mark appears in the check box:
 - **SoundBack:** When enabled, plays tones for touch actions.
 - **TalkBack:** When enabled, recites menu options, application titles, contacts, and other items when scrolling and making selections.
 - **KickBack:** When enabled, vibrates for touch actions.

The power button

Use the Power button setting to enable ending voice calls by pressing the Power/Lock key. When this option is enabled, pressing the Power/Lock key during a call does not lock the screen.

1. From the **Settings** screen, touch **Accessibility**.
2. Touch **Power button ends calls** to enable or disable the setting. When enabled, a check mark appears in the check box.

Date & time

By default, your phone receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From the **Settings** screen, touch **Date & time**.
2. Touch a setting to configure:
 - **Automatic:** Touch to enable or disable automatic date and time updates from the wireless network. When enabled, a check appears in the check box.
 - **Set date:** Enter the current date (only available when the Automatic setting is disabled).
 - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).

- **Set time:** Enter the current time (only available when the Automatic setting is disabled).
- **Use 24-hour format:** Set the format for time displays.
- **Select date format:** Set the format for date displays.

About phone

View information about your phone, including status, legal information, hardware and software versions, and a tutorial.

1. From the **Settings** screen, touch **About phone**.
2. Touch items to view details:
 - **Status:** View Battery status, Battery level, Phone number, MIN, PRL version, MEID, Network, Signal strength, Mobile network type, Service state, Roaming, Mobile network state, Wi-Fi MAC address, Bluetooth address, and Up time.
 - **Battery use:** Display the processes and applications that are currently running. Touch an item to view details.
 - **Legal information:** Display open source licenses and Google info.
 - **System tutorial:** View a tutorial to help you learn how to use your phone. Follow the prompts to move through the tutorial topics.
 - **Hardware version:** Display the hardware version of your phone.
 - **Model number:** Display your phone's model number.
 - **Firmware version:** Display the firmware version of your phone.
 - **Baseband version:** Display the baseband version of your phone.
 - **Kernel version:** Display the kernel version of your phone.

- **Build number:** Display your phone's build number.

Set-up wizard

Use the Set-up Wizard to set up your accounts, and to view helpful information about the phone.

Tip: The first time you turn your phone on, the Set-up Wizard will prompt you to personalize your phone.

1. From the **Settings** screen, touch **Set-up Wizard**.
2. Follow the prompts to configure:
 - **Add accounts:** Configure access to your Facebook, Twitter and MySpace, Corporate or Google accounts. For more information, see *"Setting Up Your Accounts"* on page 34.
 - **My Location:** Configure your phone's use of location services. for more information, see *"My Location"* on page 101.

Section 13: Health and Safety Information

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device.**

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated.

The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules.

Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data.

Additional information about Interphone can be found at

<http://com.iarc.fr/en/media-centre/pr/>.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at <http://www.ukcosmos.org/index.html>.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use

has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at <http://seer.cancer.gov/>.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that

there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom

made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>.
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radtown/wireless-tech.html>.
- Occupational Safety and Health Administration (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/>.
(Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/>.
- World Health Organization (WHO):
<http://www.who.int/peh-emf/en/>.
- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>.
- Health Protection Agency:
<http://www.hpa.org.uk/Topics/Radiation/>.

- US Food and Drug Administration:
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported in the FCC equipment authorization grant are:

- **Head:** 0.57 W/Kg.
- **Body-worn:** 0.52 W/Kg.

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Smart Practices While Driving

On the Road - Off the Phone

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or talking on a mobile phone - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility.

Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before answering calls, consider your circumstances. Let the call go to voicemail when driving conditions require. Remember, driving comes first, not the call!

If you consider a call necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your phone within easy reach;
- Place calls when you are not moving;
- Plan calls when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the call if necessary;
- Do not take notes or look up phone numbers while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to <http://www.ctia.org>.

Battery Use and Safety

Important!: Handle and store batteries properly to avoid injury or damage.

Most battery issues arise from improper handling of batteries and, particularly, from the continued use of damaged batteries.

- **Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.** Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.

- **Do not let the phone or battery come in contact with liquids.** Liquids can get into the phone's circuits, leading to corrosion. Even when the phone appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the phone and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.

- **Do not place your battery in or near a heat source.** Excessive heating can damage the phone or the battery and could cause the phone or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer,

iron, or radiator. Avoid leaving your phone in your car in high temperatures.

- **Do not dispose of the phone or the battery in a fire.** The phone or the battery may explode when overheated.
- **Do not handle a damaged or leaking battery.** Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.
- **Avoid dropping the cell phone.** Dropping the phone or the battery, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way.**
- **Do not allow the battery to touch metal objects.** Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important!: Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone.

Warning!: Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the phone caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible cell phone batteries and chargers.** Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.**

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at: http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp.

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at:

<http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm> or at <http://www.call2recycle.org/>.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://www.samsung.com/us/aboutsamsung/citizenship/usactivities_environment_samsungrecyclingdirect.html?INT=STA_recyle_your_phone_page and follow the instructions to print out a

free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect

Or call, (877) 278-0799.

Follow local regulations regarding disposal of mobile devices and batteries

Dispose of your mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment - recycle!

Warning!: Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY
LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE
PROPERTY DAMAGE.**

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty” on page 45.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation



Maps, directions, and other navigation data may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, **you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.**

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances. Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers.

To make an emergency call:

1. If the mobile device is not on, switch it on.
2. From the Home screen, touch . The dialer is displayed.
3. Key in the emergency number for your present location (for example, 911 or other official emergency number).
Emergency numbers vary by location.
4. Touch the  key.

If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can make an emergency call. Consult your User Manual and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and

cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: <http://www.audiology.org/Pages/default.aspx>

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: <http://www.nidcd.nih.gov/>

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: <http://www.fcc.gov/oet/rfsafety/rf-faqs.html#>.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless mobile devices under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless mobile devices be compatible with hearing aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities. While some wireless mobile devices are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to

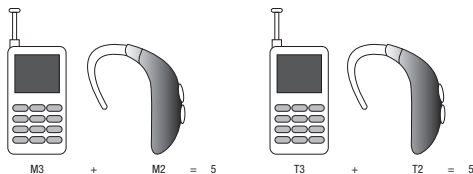
use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless mobile device rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless mobile device.

“Normal usage” in this context is defined as a signal quality that is acceptable for normal operation. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC/Wi-Fi for Newer Technologies

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device or install the mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of cell phone services to the offender, or legal action, or both.

Section 14: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's handsets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Case/Pouch/Holster	90 Days
Other Phone Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or

damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG'S sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address. To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If

SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT USED IN CONJUNCTION WITH THE PRODUCT, OR THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE. RESPONSIBILITY FOR THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT RESTS SOLELY WITH THE USER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT.

Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are \$5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part

of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or \$50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed \$5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG'S employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model

number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

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

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

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

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

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

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