



GemTM

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

User Manual

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

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Section 1: Getting Started

This section helps you to start using your Samsung SCH-i100 phone quickly by installing and charging the battery, activating your service, and setting up your voicemail.

Understanding this User Manual

The sections of this manual generally follow the features of your i100 phone. A robust index of features begins on page 124.

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 96.

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

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen, and using the external keys. To get to the Home screen, you may need to unlock the phone or keypad. (For more information, refer to “*Lock Mode*” on page 28.)

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.

Notes and Tips

Throughout 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.
- **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, press the  **Menu Key**, then touch **Settings → Wireless & networks → Wi-Fi settings.**”

Activating your Phone

Displaying Your Phone Number

Your can display the ten-digit phone number assigned to your phone.

- ▶ From the Home screen, press , then touch **Settings → About phone → Status**. Your phone number appears under **Phone number**.

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

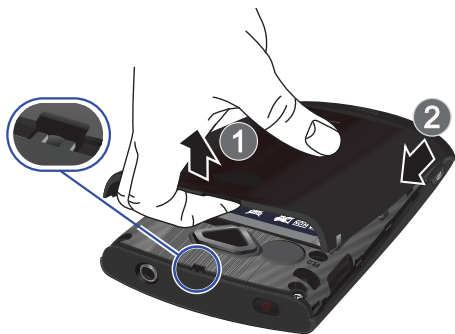
The battery icon () in the annunciator line shows battery power level. Two to three minutes before the battery becomes too low to operate, the empty battery icon will flash and a tone will sound. If you continue to operate the phone without charging, the phone will power off.

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, being sure it snaps into place at the corners.

Installing the Battery

1. Remove the battery cover.
2. Insert battery into the phone housing, 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 6.
2. Lift the battery up by the slot provided.



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

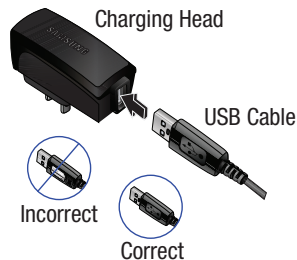
Charging the Battery

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. Pull the connector cover out and turn to expose the connector.



3. Insert the USB cable into the port.
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  for three seconds.


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

You are now ready to place and receive calls.



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. With the phone on and unlocked, press and hold  for two seconds. The Phone options menu displays.
2. At the prompt, touch **Power off** and confirm.

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 and/or link your Google account to your phone:

1. From the Home screen, press , then touch **Settings** → **Accounts & sync**.
2. At the bottom of the screen, touch **Add account**, then follow the screen prompts to create and/or link your Google account to your phone.

System Tutorial

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




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

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.

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Dial Voicemail

1. From the Home screen, touch the **Phone** icon (). The **Phone** screen appears in the display.
2. Touch the Voicemail icon ().
– or –
Touch and hold **1** or dial your own mobile number and press the Send key (). For more information, refer to “Manual Digit Dialing” on page 32.
3. Follow the prompts in the new user tutorial to setup your voice mail box.


Listen to Voicemail

1. From the Home screen, touch the **Phone** icon ().
2. Touch the Voicemail icon ().
– or –
Touch and hold **1** or dial your own mobile number and press the Send key (). For more information, refer to “Manual Digit Dialing” on page 32.
3. You are prompted to enter your password.
4. Follow the prompts in to listen to the voice messages in your voice mail box.

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” on page 84.

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, refer to "Wireless & networks Settings" on page 84.

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 supports optional, removable microSD™ or microSDHC™ memory cards of up to 32GB capacity, for storage of music, pictures, and other files. For more information, refer to "SD card" on page 90.

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



Incorrect



Correct



Installing a Memory Card

1. Remove the battery cover. For more information, see "Removing the battery cover" on page 6.
2. Locate the memory card slot and orient the memory card so the gold contacts are facing down.
3. Carefully insert the memory card into the slot and push it in until it clicks into place.
4. Replace the battery cover.

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. Unmount the memory card. For more information, refer to *"Unmount / Mount SD card"* on page 90
2. Remove the battery cover. For more information, see *"Removing the battery cover"* on page 6.
3. Gently press on the memory card, then release, so that it pops out from the slot.
4. Carefully pull the card out of the slot.
5. Replace the rear cover.

Securing Your Phone


By default, the phone locks automatically when the backlight goes off, or you can lock it manually. For increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Personal Screen Unlock Pattern, see *"Screen unlock"* on page 87.


For other settings related to securing your phone, see *"Location & security settings"* on page 87.

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

Locking the phone manually

- ▶ Press  on the top of the phone. The display becomes dark when locked.

Unlocking the phone

1. Press  to wake the screen. The last screen you viewed displays with the Lock/Unlock icon and the Sound On/Off icon.
2. To unlock the phone, touch and slide the unlock icon to the right.



Section 2: Understanding Your Phone

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

Features

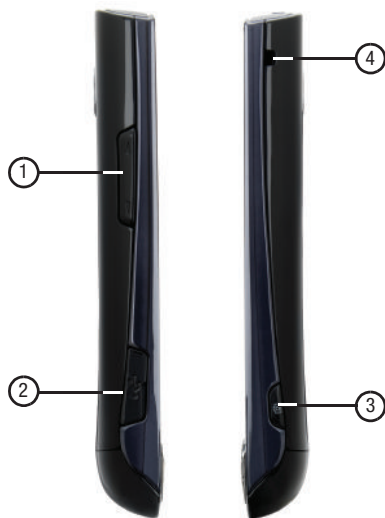
- 3.2-inch WQVGA full-color touch screen
- CDMA 1X/EVDO Rev. A Wireless Technology
- Android platform
- Full integration with Google applications, including Google Search, Google Maps, Google Talk and Gmail
- Android Market, plus pre-loaded applications
- Support for Wi-Fi 802.11 b/g
- Music Player, supporting MP3, AAC, AAC+ and WMA9 formats
- Messaging Services
 - Text Messaging
 - Picture Messaging
 - Video Messaging
 - Voice Messaging
 - Email
 - Chat
- 3.2 Megapixel CMOS Camera/Camcorder
- Speakerphone
- Support for microSD™ and microSDHC™ Memory Cards (up to 32GB capacity)
- Bluetooth® 2.1 + EDR Wireless Technology. For more information about supported profiles, see “Bluetooth” on page 70.

Front View



1. **Earpiece:** Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.
2. **Send Key:** Press to place or answer a call. From the Home screen, press to access the Phone screen. From the Home screen, press and hold to dial the last number you dialed. While on a call, press to answer a new incoming call, then press to switch back to the first call.
3. **Menu Key:** Press to display options for the current screen. Press and hold at any time to launch Quick Search.
4. **Home Key:** Press to display the Home screen. Press and hold to display the recent application list.
5. **Back Key:** Press to return to the previous screen or option.
6. **End Key:** Press to end a call. Press to send an incoming call to Voicemail.

Side Views



1. **Volume Key:** From the Home screen, press to adjust Ringer Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.
2. **USB Power/Accessory Port:** Plug in a USB cable for charging or to sync music and files.
3. **Camera Key:** Press and hold to activate the camera. While in Camera mode, press to take a picture.
4. **Strap holder:** Attach an optional carrying strap (not included). Remove the battery cover to install a strap holder.

Back View



1. **Power/Lock Key:** Press and hold to turn the phone on or off. Press to lock the phone, or to wake the screen for unlocking.
2. **Camera lens:** Used when taking photos or recording videos.
3. **External Speaker:** Listen to ringers, music and other sounds.
4. **3.5mm Headset Jack:** Plug in an optional headset or TTY equipment.

Touch Screen Display

Your phone's display is the interface to its features. With the phone in the upright position, the display defaults to Portrait mode.

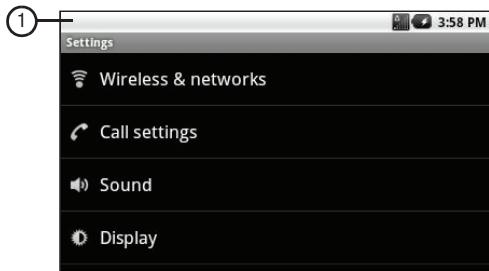
Portrait Mode



1. **Annunciator Line:** Presents icons to show network status, battery power, and connection details. For a list of icons, see *"Annunciator Line"* on page 18.
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 21.
3. **Primary Shortcuts:** Shortcuts to your phone's common features. For more information, see *"Primary Shortcuts"* on page 20.
4. **Shortcuts:** Shortcuts to common applications. These shortcuts are found on the Home screen by default. For more information, see *"Shortcuts"* on page 23.

Landscape Mode

Some of your phone's screens automatically rotate when you hold your phone on its side. As shown, the **Settings** menu is one such screen. **Messaging** and **Email** are two more.



1. **Annunciator Line:** Presents icons to show network status, battery power, and connection details. For a list of icons, see “*Annunciator Line*” on page 18.

Display settings

You can customize display settings to your preferences. For more information, see “*Display settings*” on page 86.

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.



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.



1X Connection Active: Phone is active on a 1X 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.



Silent mode: All sounds except media and alarms are silenced, and **Vibrate** is set to Never or Only when not in Silent mode. See “*Silent mode*” on page 85.



Vibrate mode: All sounds are silenced, and **Vibrate** is set to Always or Only in Silent mode. See “*Vibrate*” on page 85.



SD Card Preparing: Installed optional memory card is being readied for mounting.



SD Card Unmounted: A memory card was unmounted and be removed.



SD Card Alert: A memory card has been removed or inserted.



Bluetooth Active: Bluetooth is turned on.



Bluetooth Connected: The phone is paired with another Bluetooth device.



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 or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, see “*Warranty Information*” on page 115.

Command Keys


Menu Key

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


Press and hold the **Menu** key () to launch Quick Search.

Home Key



Press the **Home** key () to display the Home screen.



Press and hold the **Home** key () to display the recent application list.

Back Key

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

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 a Call*” on page 32.



Applications: Access your phone’s applications. For more information, see “*Applications*” on page 26

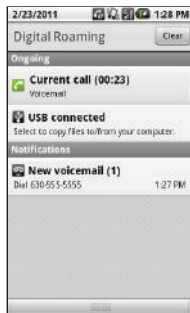


Browser: Access the Internet. For more information, see “*Browser*” on page 77.

Notification Panel

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

- Sweep your finger downward from the top of the screen.



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.

Home Screen Panels

The Home screen has five panels. The Center panel appears when you press the Home key (◊). To navigate to the other panels, use one of the following methods:



Swipe

To access the Left panels, swipe across the Home screen, left to right.

To access the Right panels, swipe across the Home screen, right to left.

Navigation Nodes

The Navigation Nodes are visual indications of the currently active panel. These on screen dots (located at the bottom left and right of the Home screen) indicate your current panel location.

When the Center panel is displayed, both Navigation Nodes have two dots (this indicates there are two panels at either side of the current panel).

- To access the Left panels, touch the left Navigation Node.
- To access the Right panels, touch the right Navigation Node.



Panels on left

Quick Panel Access
(touch and hold)

Panels on right

Quick Panel Access Menu

To display the Quick Panel Access menu, touch and hold .

To select and display a panel, touch a thumbnail in the Quick Panel Access menu.

Customizing the Home Screen

Customize the Home screen to suit your preferences.

- **Add Shortcuts:** For more information, see “*Shortcuts*” on page 23
- **Add Widgets:** For more information, see “*Widgets*” on page 24
- **Add Folders:** For more information, see “*Folders*” on page 25
- **Change the Wallpaper:** For more information, see “*Wallpaper*” on page 26

Shortcuts

Use Shortcuts for quick access to applications or features, such as Email or other applications. You can create a Shortcut to call or send a message to a contact you specify, or even to directions to a destination or a setting you use often.

Adding Shortcuts from 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 **Shortcuts**, then touch a selection.



Applications: Launch an application. For a list, see “*Applications*” on page 26



Bookmark: Launch 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: Get directions to a destination. See “*Maps*” on page 82.



Latitude: Find friends and family on Maps. See “*Maps*” on page 82.




Music playlist: Access a playlist.




Settings: Go to a specific setting.

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

Adding Shortcuts from Applications

1. Navigate to the Home screen panel.
2. From the Home screen, touch  **Applications**.
3. Touch and hold on an application icon. The Shortcut icon is automatically placed on the selected Home screen.

Removing Shortcuts

- ▶ Touch and hold the Shortcut until  **Trashcan** appears, then drag the Shortcut to the **Trashcan**.

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.

Removing Widgets

- ▶ Touch and hold the Widget until  **Trashcan** appears, then drag the Widget to the **Trashcan**.



Analog Clock: Display an analog-style clock.



Google Search: Perform Google searches.



Home Screen Tips: Briefly tells you how to add, remove, arrange, and use application shortcuts and widgets on the Home screen panels.



Latitude: Find friends and family on Maps. See “Maps” on page 82.



Market: Find and download Android apps from Google Market.



Music: Control music playback.



News & Weather: View Google news and weather.



Picture frame: Display a picture.



Power control: Set network and power settings.



Rate Places: Find places of interest near your **Latitude** location.



YouTube: Search YouTube and watch videos.

Folders

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

Adding Folders

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.

Removing Folders

- Touch and hold the Folder until  **Trashcan** appears, then drag the Folder to the **Trashcan**.



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.



Google Contacts: Create a folder giving you access to your Contacts via Google.



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



Recent documents: Create a folder containing quick links to Office documents you recently stored and/or accessed on your device.




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

Wallpaper

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

1. 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, press the  **Menu Key**, then touch **Wallpaper**.


2. Choose a source for images:
 - **Pictures:** 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.
 - **Wallpapers:** Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Applications

Applications display in the Applications list to provide access to your phone's applications. (For more information, refer to “*Apps (Applications)*” on page 65.)


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 Applications*” on page 24.

Accessing Applications

1. From the Home screen, touch  **Applications**.
2. Sweep your finger up or down to scroll through the Applications list.
3. Touch an application's icon to launch the application.

Your Phone's Modes

Talk Mode

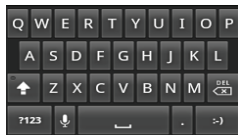
You can place and receive calls only when your phone is on. While in a call, your phone is in talk mode. Press  to display a list of menu options.

Input Mode

Input mode determines how you enter text, numbers, and symbols with any of the following QWERTY keypads:







Screen keypad landscape



Screen keypad portrait

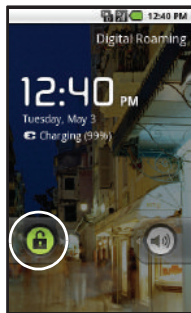
Optional input modes are:

- **ABC:** Lets you enter lower-case letters (abc), initial capital letters (Abc), or all upper-case letters (ABC). To toggle between these entry options, touch the Shift () key.
- **?123:** Lets you enter numbers and punctuation characters.
-  **Voice input:** Lets you enter words and characters by speaking them into your phone's microphone.
-  **Smiley:** Lets you enter “smiley” characters (emoticons) by touching shortcut buttons.
-  **ALT:** Lets you enter mathematical, currency, and other special symbols.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the Volume key.

To set up Screen unlock options, see “Screen unlock” on page 87.



To enter Lock Mode:

- ▶ In Standby mode, press . The screen goes dark.

To exit Lock Mode:

- ▶ While in Lock mode, press . The Lock mode screen appears in the display. Touch and slide the unlock icon to unlock your phone.




Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into Standby mode:

- After you power the phone on.
- When you press  from within a menu.

In Standby mode, you will see the Home screen, showing the time and phone status icons.


Place Calls in Standby Mode

1. From the Home screen center panel, touch . Enter a phone number, and press  to place a call.
2. Touch and slide  to the left to end the call and display the **Call log** screen.

Receive Messages in Standby Mode

While your phone is in Standby mode, new incoming messages automatically appear in the screen as they are received. Touch and slide the display Up or Down to scroll through text or to view complete images.




Adjust the Ringer

To adjust the Ringer volume, while in Standby mode, press the Volume key() Up or Down.

Note: The Volume key is on the left side of phone.

Silent Mode

Silences the ringers, the alerts, and the tones your keypad makes when you press a key.

- ▶ From the Home screen, repeatedly press the Volume key () Down until the Silent Mode icon () or the Vibrate mode icon () appears in the display.



Note: The Silent mode icon displays when Vibrate is set to Never or Only when not in Silent mode. The Vibrate mode icon displays when Vibrate is set to Always or Only in Silent mode. For more information on these settings, see “*Vibrate*” on page 85.

Music Player Mode


The Music Player in your phone can play music files (MP3, CMX, Midi, AAC, AAC+, and eAAC+), but only if they are stored in the My Music folder on an optional microSD Memory Card.

Note: For more information, refer to “*Memory Card*” on page 11.

• Entering Music Player Mode:

- ▶ From the Home screen, display the Applications menu by touching  at the bottom of the display, then touch .

Note: For more information, refer to “*Playing Music and Videos*” on page 63.





- **Exiting Music Player Mode:** While music is playing, touch the **Pause** button, then press .

Camera Mode

Camera mode lets you take pictures with your phone's camera. In Camera mode, you can also adjust the resolution and appearance of your pictures.

For more information, refer to “Camera–Camcorder” on page 56.

- **Entering Camera Mode:**

- From the Home screen, press and hold the Camera key () — on the right side of the phone.
- From the Home screen, touch  **Applications** (at the bottom of the screen), then touch .
- In Camcorder mode, touch and slide the Camera-Camcorder mode switch to Camera (.






- **Exiting Camera Mode:** Press  or .

Camcorder Mode

Camcorder mode lets you record videos with your phone's camera. In Camcorder mode, you can also adjust the resolution and appearance of your videos.

For more information, refer to “Camera–Camcorder” on page 56.

- **Entering Camcorder Mode:**

- From the Home screen, press and hold the Camera key () — on the right side of the phone — then, touch and slide the Camera-Camcorder mode to Camcorder (.
- or –
From the Home screen, touch  → **Camera** () — then touch and slide the Camera-Camcorder mode switch to Camcorder (.



- **Exiting Camcorder Mode:** Press  or .

Video Player Mode

The Video Player in your phone can play video files [3GS, MP4, H.263, and H.264 (Decoding: QCIF Only)], but only if they are stored in the My Video folder in the phone or on an optional microSD Memory Card.

Note: For more information, refer to “*Memory Card*” on page 11.

• Entering Video Player Mode:

1. From the Home screen, touch  → **Gallery** ().
– or –

In camcorder mode, press  → **Gallery** (.







The Gallery screen appears containing a list of thumbnail images of photos.



2. Select the desired video. The Video Player screen appears in the display and begins playing the highlighted video.

Note: For more information, refer to “*Playing Music and Videos*” on page 63.

• **Exiting Video Player Mode:** Press .

Entering Text

Your phone has an on-screen QWERTY keypad (     ) to support quick and easy text input. You can enter text as you would when using a computer keyboard.

To enter numbers or symbols, touch , then press/touch the key corresponding to the character you want to enter. To return to the alphabetic keys, touch .

In addition, you can use the following special function keys:



Press to delete a character.



Press to insert a space in a text entry.






- Press once to enter a single upper case letter (Abc).
- Press twice to enter all upper case letters (ABC).
- Press once more to return to entering lower case letters (abc).

Section 3: Call Functions

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

Making a Call

Manual Digit Dialing

1. Press  → . The **Phone** screen appears in the display.
2. Enter the number you wish to call using the touch keypad.
3. To dial the number you've entered, press . A call Notification icon appears.

Emergency Number Dialing

When you call an Emergency Number, such as 911, your phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

1. Press  → . The **Phone** screen appears in the display.
2. Enter **911**.
3. To place the call, press .

Important!: Emergency number 911 is preset into your phone.

If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Note: You can specify other numbers than 911 as emergency numbers using the **Emergency #** settings. (For more information, refer to "Emergency Number" on page 85.)

Voice Digit Dialing

Your phone includes a voice recognition system that you can use to place calls.

1. Press  →  →  **Voice Dialer**.

The **Voice Dialer** pop-up appears in the display and plays through the earpiece-speaker.

2. Say “**Call**” followed by a Contact name, or “**Dial**” followed by a phone number.

Voice Dialer prompts you to confirm the number you want to call.

3. Touch **OK** or the desired number, and Voice Dialer dials it.





Manual Pause Calling

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually waiting for these systems then making addition entries, you can enter special characters (called “pauses”) followed by the additional entries, all before you dial the number. These pauses do the waiting for you.

- **Wait:** A hard pause stops the calling sequence until you select **Yes** from a pop-up menu.
- **2-sec. Pause:** A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.



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

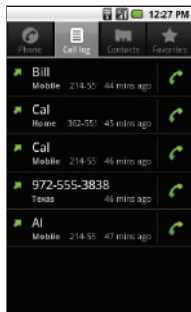
To manually call a number using pause(s):

1. Press  → . The **Phone** screen appears in the display.
2. Enter the number you wish to call.
3. Press , then touch **Add 2-sec pause / Add wait**. A related character (“,” — for a 2-sec. Pause, or “;” — for a Wait) is added to your number entry.
4. Enter any additional digits.
5. To place the call, press .



Call Log Dialing

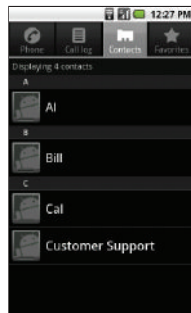
Your phone stores records of your calls (incoming and outgoing). You can use these records to place calls.

1. From the Home screen, touch  → **Call log**. The **Call log** screen appears in the display.
2. Scroll through the Call Log and locate the desired call.
3. To call the indicated number, touch .






Contact Dialing

1. From the Home screen, touch **Contacts**. The **Contacts** list appears in the display. (For more information, refer to “*Contacts List*” on page 39.)
2. Find the desired Contact by pressing  → **Search**. A Search field appears at the top of the screen with a virtual QWERTY keypad below.
3. Enter the first few characters of the desired Contact's name. A list of matching Contacts appears in the display.
4. Scroll to the desired Contact and touch it. The Contact's information appears in the display.
5. To call the indicated Contact, touch .



Voice Contact Dialing

1. Press  →  → **Voice Dialer** (). **Voice Dialer** pop-up appears in the display.
2. Say “**Call**” followed by the name of one of your Contacts.

Tip: Voice Dialing Tips:

Wait for the beep before speaking.

Speak clearly at a normal volume, as if you were talking to someone on the phone.

When saying a name, say the first name then the last name.


Speak clearly and say the name of a person in the Contacts list, first name followed by last name.

Voice Dialer displays a second Voice Dialer pop-up with a list of possible calls or a prompt to confirm a single call.

3. Select the desired call options or touch “**Yes**” to confirm the call to the name.

Call Progress Screen

During a call, you have the following options:

- **Speaker:** Touch and slide to the right to place your phone in Speakerphone mode for sharing the call with others nearby or for conducting the call hands free.
- **End:** Touch and slide to the left to hang up the current call.
- **Dialpad:** Displays a keypad for entering additional numbers, such as an automated system password.
- **Menu key** (): Displays the following additional options:
 - **Add call:** Used to make three-party calls.
 - **Mute / Unmute:** Disables/enables the phone or headset microphone.
 - **Bluetooth:** Transfers the call audio from the phone earpiece and microphone to a Bluetooth headset, and back again.

Tip: You also have the option of pressing  to return to the Home screen and use other functions and/or Applications.


To return to the Call Progress Screen, touch and pull down the Notifications list, then touch **Current call**.

Answering a Call

Your phone notifies you of a call in the following ways:

- A ring tone sounds and/or your phone vibrates (Your phone provides eight ring volume settings, and/or different ring types to distinguish callers.)
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can't be identified, **Call from unavailable #**, **Call from restricted number**, or no number appears in the display.
- Your phone continues to notify you of the call until one of the following events occurs:
 - You answer the call.
 - You ignore the call.
 - The calling party ends the call.
 - The call is sent to voicemail.

Answering an Incoming Call

- ▶ Touch and drag  to the right. The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to answer calls automatically. (For more information, refer to “*Call Settings*” on page 84.)

Ignoring a Call



When you ignore an incoming call, the call is immediately forwarded to your voice mail.

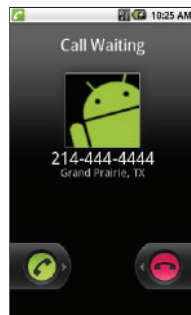
Adjusting the Call Volume

- ▶ In Standby mode, repeatedly press the Volume key Down until the Call Volume Level desired appears in the display. The Volume key is on the left side of phone.

Call Waiting





When you sign up for Call Waiting service, your phone notifies you of incoming calls during a call. You have the option of answering or ignoring an additional incoming call.

1. During a call, your phone notifies you of an incoming call and the **Call Waiting** screen appears in your display.
2. Answer the incoming call. Your original call is placed on hold, as shown here.
3. To return to your original call, press  → **Swap calls**.
4. To alternate between calls, press  → **Swap calls**.



Three Way Calling

Three Way Calling lets you add a third party to your current call.

1. During a call, press  → **Add call**. The Dialer screen appears in the display, and your existing call is placed on hold.
2. Enter a number and press  or select a Contact and touch . The call progress screen appears in the display.
3. When the third party answers, press  → **Merge calls**. The **Three Way Call** screen displays, showing both active calls and a call timer.

Call Log

The Call log retains information about Outgoing, Incoming, and Missed calls. You can also view times for your last call and the total times for all calls.

Review the Call Log

1. From the Home screen, touch  → **Call log**. The **Call log** screen appears in the display.

Note: In cases where a Calls log entry concerns a call to or from a Contacts entry, the Contact name associated with the number appears in the Calls log list instead of the number.

2. Swipe the list up or down to browse the Call log.

Note: To empty your device's Call Timers, press  → **Clear call log**.



To review your device's Call Timers, press  → **View call timer**.

3. For other options, touch and hold a desired call record. The following options pop up in the display:
 - **Call <number>**: Dial the number in this call record.
 - **Edit number before call**: Change the digits to be dialed, then dial the changed number.
 - **Send text message**: Send a text message to this number or Contact. (For more information, refer to *"Creating and Sending Messages"* on page 50.)
 - **Add to contacts**: (non-Contact call records) — Add the number in this call record to a new or existing Contact. (For more information, refer to *"Saving a Number from a Call"* on page 41.)
 - **Remove from call log**: Remove this call record from the Call log.

Call Timer

View the duration of your last call, total calls, and calls made during the life cycle of your phone using the Call Timer feature.


Note: Call Timer is not for billing purposes.

1. From the Call list, press  → **View call timer**. The **Call Timer** screen appears in the display showing the following timers:
 - **Last Call:** View the duration of your last call.
 - **Outgoing Calls:** View the duration of the total outgoing calls made on your phone since all timers were last reset.
 - **Incoming Calls:** View the duration of the total incoming calls received on your phone since all timers were last reset.
 - **Roaming Calls:** View the total calls duration on your phone while roaming since all timers were last reset.
 - **All Calls:** View the duration of the total call, incoming, outgoing, and data calls made on your phone since all timers were last reset.
 - **Last Reset:** View the time and date all timers were last reset.
 - **Lifetime Calls:** View the number and total duration of all calls since your phone was activated.
2. To reset all counters except **Lifetime Calls**, press  → **Reset all timer**.

Note: Although Total Calls timers can be erased, the Lifetime Calls timer can never be erased.

Roaming

What is Roaming?

Roaming lets you use your phone when you travel outside of your Wireless Provider's coverage area. The Roaming icon () appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent recharging. Contact your Wireless Provider for more information about Roaming.

How Roaming Works

Roam Option lets you set roaming preferences if you move in and out of your home network. The following roaming options are available:

- **Home only:** Your phone is available for normal operation only in the designated coverage area.
- **Automatic:** Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital system is acquired.

Section 4: Contacts List


This section explains how to manage your daily contacts by storing their name and number in your Contacts. Contacts entries are sorted by name.

Your Contacts List


Your Contacts list can store more than 2000 entries, with each contact having a picture ID and multiple associated phone numbers and Email addresses.

Each phone number can be more than 32 digits in length, including hard pauses. Contact names can be more than 32 characters in length. You can also specify a memory location for each entry, and you can restrict access to the Contacts list to prevent unauthorized use.


Launching the Contacts List

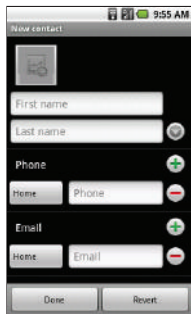
1. From the Home screen, touch . The **Phone** screen appears in the display.
2. Touch the **Contacts** tab. The **Contacts** list appears in the display.



Contacts List Menu

- From the **Contacts** list, press . The Contacts List menu pops-up at the bottom of the screen with the following options:
 - **Search:** Find a Contact by entering the first few letters of the Contact's Given (first) name.
 - **New contact:** Opens **New contact** screen. Use it to create a new Contact.
 - **Display options:** Enable/disable **Only contacts with phones**. When disabled (default setting), the Contacts list shows all Contacts. **Sort list by** lets you sort your Contacts by first or last names. **View contact names as** lets you list your Contacts with either first name or last name first.
 - **Accounts:** Opens **Accounts & sync settings** screen. Use it to control how Apps synchronize, send, and receive data, and to add and manage **Corporate** and/or **Google** accounts.
 - **Import / Export:** Import (copy) Contacts information from a Memory Card or Export (save) Contacts information to a Memory Card.
 - **Delete all contacts:** Delete all Contacts from the list.

Adding a New Contact

1. From the **Contacts** list, press  → **New contact**. The **New contact** screen appears in the display.
2. Touch the **First name** field. With the phone closed and upright, a virtual QWERTY keypad appears at the bottom of the screen.
3. Enter the new Contact's first name, then touch **Next**. The highlighted **Last name** field displays.
4. If desired, enter a last name.
5. Touch **Next**. The highlighted **Phone** field displays showing the Home label.
6. If desired, touch **Home** and select a different label (number type).



7. Enter the phone number.
 - To add another number, touch +.
 - To add an Email address, touch **Next**. The Home **Email** field appears highlighted.
If desired, touch **Home** and select a different label (Email type).
8. Touch each field in turn and enter the required information.
9. To save your new Contact, touch **Done** or press . To discard your new Contact, touch **Revert** or press .

Edit contact Menu

- From the **Edit contact** screen, press . The menu pops up at the bottom of the screen with the following options:
- **Done**: Save your entries.
 - **Revert**: Discard your entries.
 - **New contact**: Opens **New contact** screen. Use it to create a new Contact.
 - **Delete contact**: Delete this Contact.
 - **Join**: Combine this Contact with one or more other Contacts.
 - **Separate**: Joined Contacts only — Divide a joined Contact into its original, separate Contacts.

Saving a Number from a Call

Once you've finished a call, you can save the number of the caller to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, the calling number is not available to save to a Contact.

1. After you end a call, the Call log screen appears, showing the call you just ended at the top of the list.
2. Touch the call you just ended. The following options appear in the display:
 - **Call information:** Type of call; call time, day, and date; and length of call.
 - **Call back / Call again:** (Incoming call / Outgoing call) Dial this number.
 - **Send text message:** Send a message to this number.
 - **Add to contacts:** Add this number to a new or existing Contact.
3. Touch **Add to contacts**. A **Contacts** screen appears in the display showing the following options:
 - **Create new contact:** Save this number as a new Contact.
 - **Contacts list:** Lets you add the number to an existing Contact.

Tip: To search this Contacts list, press and hold .

Creating a new Contacts entry:

4. Touch **Create new contact**. The **New contact** screen appears in the display with the number you're saving populating the **Phone** field.
5. To save the number as other than the Contact's **Home** number, touch **Home**. The **Select label** menu pops-up with the following number types:

- **Home**
- **Work**
- **Home Fax**
- **Other**
- **Mobile**
- **Work Fax**
- **Pager**
- **Custom**

If your phone is not linked to a Google account, additional number types appear:

- **Callback**
- **Main**
- **Telex**
- **Work Pager**
- **Car**
- **Other Fax**
- **TTY TDD**
- **Assistant**
- **Company Main**
- **Radio**
- **Work Mobile**
- **MMS**
- **ISDN**

6. Touch the number type that matches your new entry.



Adding the number to an existing Contacts entry:

7. Search for and touch the existing Contact to receive this number. The **Edit contact** screen appears in the display with the Call log number populating the next available number type.
8. To change the number type, touch the current number type label. The **Select label** menu pops-up with the following number types:



- Home
- Work
- Home Fax
- Other
- Mobile
- Work Fax
- Pager
- Custom

If your phone is not linked to a Google account, additional number types appear:

- Callback
- Main
- Telex
- Work Pager
- Car
- Other Fax
- TTY TDD
- Assistant
- Company Main
- Radio
- Work Mobile
- MMS
- ISDN

9. Touch the number type that matches your new number.
10. Make any added changes you wish to the Contacts entry. (For more information, refer to *“Editing an Existing Contact”* on page 44.)
11. To save your changes, press . To discard your changes, press .

Saving a Number from the Phone Screen

1. From the Home screen, touch  → **Phone** and enter the number you wish to store (such as your bank’s teleservice number).
 - Press  → **Add to contacts**. A **Contacts** screen appears in the display showing the following options:
 - Create new contact:** Save this number as a new Contact.
 - Contacts list: Lets you add the number to an existing Contact.

Tip: To search this Contacts list, press and hold .

2. Refer to *“Saving a Number from a Call”* on page 41 and do Steps 4 through 11, as needed.



Contact Options Menu

There are a number of options available for individual Contacts.

1. From the **Contacts** list, find the desired Contact. (For more information, refer to “*Searching for a Contact*” on page 43.)
2. Touch and hold the desired Contact. A menu pops-up listing the following options:
 - **View contact:** Show the stored information for this Contact.
 - **Call contact:** Call this Contact.
 - **Text contact:** Opens the Message composer screen, including a number for this Contact. (For more information, refer to “*Creating and Sending Messages*” on page 50.)
 - **Add to favorites:** Add this Contact to the Favorites list. (For more information, refer to “*Favorites*” on page 46.)
 - **Edit contact:** Change the information stored for this Contact. (For more information, refer to “*Editing an Existing Contact*” on page 44.)
 - **Delete contact:** Remove this Contact from your Contacts list.



Searching for a Contact

Keypad Method

1. From the **Contacts** list, find the desired Contact by pressing  → **Search**. A Search field appears at the top of the screen with a virtual QWERTY keypad below.
2. Enter the first few characters of the desired Contact's name. A list of matching Contacts appears in the display.
3. Scroll to the desired Contact and touch it. The Contact's information appears in the display.
4. Press . The following options are available:
 - **Edit contact:** Opens **Edit contact** screen. Use it to change this Contact.
 - **Share:** Send a copy of this Contact to another device over a Bluetooth connection or in an Gmail message. (For more information, refer to “*Sending a Contacts Entry*” on page 47.)
 - **Options**
 - **Ringtone:** Select a unique ringtone to identify calls from this Contact.
 - **Incoming calls:** When enabled, sends all calls from this Contact to your Voicemail account.
 - **Delete contact:** Remove this Contact from the Contacts list.

Editing an Existing Contact

Once stored in the Contacts list, an entry can be changed quite easily.

1. In the Contacts list, search for and touch the desired Contact. (For more information, refer to “*Searching for a Contact*” on page 43.) The select Contact’s information appears in the display.
2. Press  → **Edit contact**. The **Edit contact** screen appears in the display.
3. Touch each number or other field in turn whose contents you wish to enter or change.
4. When you’re finished editing the Contact, press  to save your changes.

Adding Pauses to Contact Numbers







When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **Wait:** A hard pause stops the calling sequence until further input from you.
- **2-Sec Pause:** A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.


Tip: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds.

Note: Keep in mind that pauses count as digits towards the 32-digit maximum.


Store Pauses in a New Contacts Entry

1. Press  →  and enter the number you wish to store (such as your bank's teleservice number).
2. Press . The following menu options appear in the display:
 - **Add to contacts:** Add this number to a new or existing Contact.
 - **Add 2-sec pause:** a two-second pause.
 - **Add wait:** a hard pause (awaits input from you).
3. Touch the pause option of your choice to enter the selected pause into your number sequence. The appropriate character (“,” or “;”) appears in your number sequence.
4. Enter any additional digits into your number sequence.
5. Repeat Steps 3 and 4 as needed.
6. When your number sequence is complete, press  → **Add to contacts**. The **Contacts** screen appears in the display showing the following options:
 - **Create new contact:** Save your number sequence as a new Contact.
 - **Contacts list:** Lets you save your number sequence to an existing Contact.
7. To save your changes, press . To discard your changes, press .


Add Pauses to an Existing Contacts Entry

1. In the Contacts list, search for and touch the desired Contact. (For more information, refer to “*Searching for a Contact*” on page 43.) The select Contact's information appears in the display.
2. Press  → **Edit contact**. The **Edit contact** screen appears in the display.
3. Touch the number stored in this Contact to which you wish to add a Wait or 2-Sec Pause. The phone-style keypad appears at the bottom of the screen.
4. Touch the * # (key, then touch the **Pause / Wait** key. The appropriate character (“,” or “;”) appears in the number sequence.
5. Touch the **123** key and enter any additional digits into your number sequence.
6. Repeat Steps 4 and 5 as needed.
7. When your number sequence is complete, touch **Done** to save your changes.

Add a Number or Email Address to an Existing Entry

1. In the Contacts list, touch the desired Contact. (For more information, refer to “*Searching for a Contact*” on page 43.) The select Contact’s information displays.
2. Press  → **Edit contact**. The **Edit contact** screen displays.
3. Touch a number field or the **Email** field.
4. Enter the new phone number or Email address.
5. Touch **Done** to add the number or Email address to the existing entry.

Edit an Existing Email Address

1. Find the desired entry in the **Contacts** list. (For more information, refer to “*Searching for a Contact*” on page 43.)
2. Press  → **Edit contact**. The **Edit contact** screen appears in the display with the contact name highlighted.
3. Highlight the **Email** field (labeled with the @ symbol).
4. Use the touch screen QWERTY keypad (portrait or landscape) to edit the Email address. (For more information, refer to “*Entering Text*” on page 48.)
5. Touch **Done** to save your changes.


Favorites

The Favorites screen shows Contacts you added to the list so you can call them without searching or browsing your entire Contacts list. The Favorites screen also lists Contacts you call frequently.

Launching the Favorites list



- ▶ Press  → **Contacts** → **Favorites**. The **Favorites** list appears in the display.

Adding Contacts to Favorites


1. In the Contacts list, search for and touch a Contact you wish to add to Favorites. (For more information, refer to “*Searching for a Contact*” on page 43.) The select Contact’s information appears in the display.
2. Touch the star-shaped button to the right of the Contact’s name. The button changes color to yellow.
3. Press  → **Contacts** → **Favorites**. The **Favorites** list appears in the display with your newly added Favorite appearing in the list.

Removing Favorites

Use this option to remove a speed dial number in your Contacts list.



1. Press  → **Contacts** → **Favorites**. The **Favorites** list appears in the display.
2. Touch the Contact you wish to remove from the Favorites list. The select Contact's information appears in the display.
3. Touch the star-shaped button to the right of the Contact's name. The button changes color from yellow to background color.
4. Press . The **Favorites** list appears in the display, minus the Contact you wished removed.

Deleting a Contact

1. In the Contacts list, search for and touch a Contact you wish to remove from Favorites. (For more information, refer to “*Searching for a Contact*” on page 43.) The select Contact's information appears in the display.
2. Press  → **Delete contact**. You are prompted to confirm the deletion.
3. To delete the selected Contact, touch **OK**.

Sending a Contacts Entry

Use the **Share** option to send a selected Contact's information as part of an Email or Gmail message.

1. Press  → **Contacts**. The **Contacts** screen appears in the display.
2. Find and touch the Contact you want to send to another device. (For more information, refer to “*Searching for a Contact*” on page 43.) The associated Contact information appears in the display.
3. Press  → **Share**. An Email or Gmail message composer appears in the display with the selected contact information attached.
 - If you do not have an Email account or a Google account defined to your phone, you are prompted to create a Google account. (For more information, refer to “*Creating a Google Account*” on page 65 and to “*Setting Up an Email Account*” on page 52.)
4. Address and compose the rest of your message, then touch **Send**.

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 provides 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 displays at the bottom of the screen, in either portrait or landscape orientation. By default, when you rotate the phone, the screen orientation updates to display the keyboard at the bottom of the screen.



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.

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

You can configure the Android Keyboard to your preferences. For more information, see “*Android keyboard settings*” on page 92.



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

Enter common symbols by touching  to switch to symbol mode, then touching the corresponding key.

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

Enter numbers by touching , then touching the number keys.

Section 6: Messaging

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

Types of Messages

Your i100 can send Text (SMS) messages, Multimedia [picture or video (MMS)] messages, and Email, Gmail, and Instant (IM) messages.

Text and Multimedia Messages

You can send Text and Multimedia messages by simply entering the phone number of the recipient in the **To:** field when creating a new message. Text messages can be up to 160 characters in length.

Email / Gmail Messages

With the i100 you can send email in two ways:



- Through an Internet Protocol (IP) account, and/or
- Through a Gmail account. (For more information, refer to “Your Google Account” on page 9.)

Instant Messages

The i100 includes support for instant messaging.

Sending Messages

Creating and Sending Messages

1. Press  → **Messaging** () → **New message**. The message composer screen appears with the **To** field highlighted and the virtual keyboard showing (phone upright only).

Tip: With the phone on its side, the virtual keyboard does not appear until you touch the **To** or **Type to compose** field.

2. Enter or search for a recipient, then type a phone number, email address, or the first few letters of a Contact name. (If a Contact name, scroll to and touch the desired name.)
For more recipients, type another phone number, email address, or the first few letters of another Contact name.
3. To enter the message text, touch the **Type to compose** field and type the text content of your message. (For more information, refer to “Entering Text” on page 31.)

4. For more message composition options, press . The following options are available:

- **Add subject:** Add a subject line to your message.
- **Attach:** Add a picture, video clip, audio file, or slideshow to your message. (For more information, refer to “Attaching Media”.)
- **Insert smiley:** Select from a list of smileys to add to your message.
- **Discard:** Discard the current message.
- **All threads:** Return to the **Messaging** screen.

5. Touch **Send** to transmit your message to the selected recipients.


Attaching Media

1. While composing a message, press  → **Attach**. The following options are available:
 - **Pictures:** Attach an existing picture from the Gallery.
 - **Capture picture:** Launch the Camera, take a new picture, and attach it to your message. (For more information, refer to “Taking a Snap Shot (Single Picture)” on page 56.)
 - **Videos:** Attach an existing video from the Gallery.
 - **Capture video:** Launch the Camcorder, record a new video, and attach it to your message. (For more information, refer to “Recording a Video” on page 58.)
 - **Audio:** Attach a pre-loaded audio file.

- **Record audio:** Record and attach a new audio file.
- **Slideshow:** Attach an existing slideshow or create and attach a new slideshow.



2. Touch the desired option and select the desired media file to be attached to this message. The message is automatically converted from a Text (SMS) message to an MMS message.

Retrieving a Message

When you receive a new text, picture, or video message, the message ringer sounds (unless turned off) and the new message icon () appears and the message text scrolls automatically in the Notification bar.

1. To view a new message, touch the Notifications bar and drag downward to display the Notifications list.
2. Touch the new message Notification. The Messaging screen appears in the display.
3. To read the complete message, touch its Messaging list entry. The complete message appears in the display.
4. To compose a reply message, touch the **Type to compose** field. (For more information, refer to “Creating and Sending Messages” on page 50.)

Changing Messaging Settings

1. Press  → **Messaging**. The **Messaging** screen appears in the display showing the currently saved threads.
2. Press  → **Settings**. The following options appear in the display:
 - **Storage Settings:**
 - **Delete old messages:** Erase old, read messages as maximum message count limits are reached.
 - **Text message limit:** Select a new maximum number of text messages per thread.
 - **Multimedia message limit:** Select a new maximum number of MMS messages per thread.
 - **Multimedia message (MMS) Settings:**
 - **Delivery reports:** When enabled, requests delivery report for each MMS message sent.
 - **Auto-retrieve:** When enabled, automatically retrieves (downloads) incoming MMS messages.
 - **Roaming auto-retrieve:** When enabled, automatically retrieves (downloads) incoming MMS messages when outside your home network.
 - **Notification Settings:**
 - **Notifications:** When enabled, displays message notification icon when message received.
 - **Screen on:** When enabled, display lights when message notification icon appears.

- **Select ringtone:** Select unique ringtone for new incoming messages.
- **Vibrate:** When enabled, phone vibrates for new incoming messages.

3. Select the desired options and settings.


Accessing Email

You can configure i100 Messaging to send and receive Email messages using personal or business accounts.

Setting Up an Email Account

You can use your i100 to access the Internet for Email using a connection through your Wireless Carrier or using a Wi-Fi connection. (For more information, refer to “Wi-Fi” on page 69.)

Tip: Before beginning the Email account setup process, you should have copies of the email server settings from the Email provider(s) for each of your accounts to verify and/or correct all automatically retrieved settings.


1. Press  → **Email**. The first time you select **Email**, the **Set up email** screen appears in the display, prompting you to configure **Email** for an account.
2. Enter your E-mail address and password into the appropriate fields, then touch **Next**. Your phone automatically obtains account information from the Email server.
To access a private Email server, touch **Manual setup** and follow the prompts to set up the Email account.

3. At the prompt, enter a screen name for this Email account and your name for inclusion in outgoing messages, then touch **Next**. Email begins downloading to your phone.


Manually Setting Up an Email Account

If your i100 is unable to automatically contact and setup to access your Email account, use the following procedure.

Tip: Before beginning the Email account setup process, you should have copies of the email server settings from the Email provider(s) for each of your accounts to verify and/or correct all automatically retrieved settings.



1. Press  → **Email**. The Set up email screen appears.
2. Enter your E-mail address and password into the appropriate fields, then touch **Manual setup**. You are prompted to select the type of account. Available options are:
 - **POP3 account**
 - **IMAP account**
 - **Exchange account**
3. Select the account type. The appropriate server settings screen appears in the display.
4. Enter the server settings information from your Email provider, then touch **Next**. Your phone contacts your Email Provider's server. You are notified when setup is complete.


Sending Email

1. Address the Email message to a Contact:
 - Press  → **Contacts**.
 - Find and touch the desired Contact. The Contact's information appears in the display. (For more information, refer to *"Searching for a Contact"* on page 43.)
 - Touch the desired Email address. The **Complete action using** menu pops-up in the display.
 - Choose the Email account you wish to use. The Email **Compose** screen appears in the display with the Contact's Email address already populating the **To** field.


– or –


Address the Email to a non-Contact recipient:

- Press  → **Email**. Your default Email account folder appears in the display.
 - Press  → **Compose**. The Email composer screen appears in the display.
 - Enter the recipient's Email address. (For more information, refer to *"Entering Text"* on page 31.)
2. Touch the **Subject** field and enter the subject of this message.
 3. Enter the message text in the field provided.

4. To attach a file(s) to your message, Touch **Add attachment**. The **Choose attachment** menu pops-up in the display. Select the desired location(s) and file(s).
5. To send your message to the intended recipient, touch **Send**.
 - To save the message as a draft message for later reuse, touch  → **Save as draft**.
 - To discard this message without sending or saving it, touch **Discard**.

Receiving Email



When you receive a new Email message, the message ringer sounds (unless turned off) and the new Email message icon () appears in the Notification bar.

1. To access your received Email, press  → **Email**. Your default Email account folder appears in the display.
2. To read your received Email, touch the new message listing.

Email Account Settings

Use settings to configure handling of email on your device.

Note: Available settings may depend on the email account, and include setting how much email to synchronize, creating signatures for emails you send, and other handling options.

1. Press  → **Email** →  → **Accounts**. The **Email** accounts list appears.
2. Touch and hold the account you wish to configure. The account options menu pops-up.
3. Touch Account settings. Depending on the account, some or all of the following options are available:
 - **General settings:**
 - **Account name:** Enter a name to identify this account.
 - **Your name:** Enter your name, to appear on emails from this account.
 - **Email check frequency:** Choose a time period for your device to check for new email.
 - **Default account:** When enabled, email from your device is automatically sent from this account.
 - **Exchange Sync settings** (Exchange accounts only):
 - **Days to sync Email:** Choose how much email you want to see on your device.
 - **Empty Server Trash:** Touch to delete emails from the Trash or Deleted folder on the Email server.

- **Sync schedule:** Set the schedule for synchronizing email from the server.
- **Out-of-office Settings:** (not supported).
- **Size to retrieve emails:** Set a maximum size for retrieving emails.
- **Notification settings:**
 - **Email notifications:** When enabled, the New Email icon appears in the Status Bar when a new email arrives.
 - **Select ringtone:** Choose a ringtone for email notifications for this account.
 - **Vibrate:** When enabled, email notifications for this accounts are accompanied by vibration.
- **Server settings:**



Tip: Before changing these settings, you should have a copy of the email server settings from the Email provider for this account.

- **Incoming settings:** Configure server settings.
- **Outgoing settings:** Configure outgoing settings.
- **Sync contacts:** (Exchange accounts only) When enabled, contacts from your account are synchronized with your device's Contacts.
- **Sync calendar:** (Exchange accounts only) When enabled, events from your account are synchronized with your device's Calendar.

- **Common Settings:**

- **Forward with files:** Enable or disable forwarding of file attachments.
- **Add signature:** Enable or disable adding signature to emails from this account.
- **Signature:** Enter a signature to add to emails from this account.

Removing an Email Account

1. Press  → **Email** →  → **Accounts**. The **Email** accounts list appears.
2. Touch and hold the account you wish to remove. The account options menu pops-up.
3. Touch **Remove account**. You are prompted to confirm the removal of this Email account.
4. To remove the selected account, touch **OK**.

Section 7: Camera–Camcorder

Use your Samsung phone to take full color digital pictures and videos, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera or camcorder. This section explains how you can do the following:


- Take pictures and record videos with your phone's built-in digital Camera–Camcorder.
- Send and receive pictures and videos taken with your phone's Camera–Camcorder.
- Set the several Camera–Camcorder options that help you take crisp, clear pictures and videos.

Taking Pictures and Videos

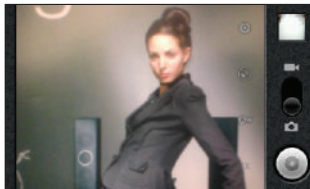
Taking pictures and videos with the built-in Camera–Camcorder is as simple as choosing a subject, pointing the lens (located on the rear of your phone, at the top), and pressing a button.

Taking a Snap Shot (Single Picture)



To take a single picture using the current Camera settings, do the following:

1. Press and hold the Camera key ( — on the right side of the phone). The Camera viewfinder screen appears in the display.

(For more information, refer to “Screen Layout” on page 59).



Tip: You can also launch the camera by pressing  →  → **Camera**.

2. Using the display as a viewfinder, point the camera lens (on the back of your phone) at your subject.
3. When the image that you wish to capture appears in the display, press the Camera key () or touch .
After the Camera takes the picture, a thumbnail view of it fills the preview pane in the lower right corner.
4. To review the picture full-screen, touch the preview pane. The Gallery displays thumbnail views of your saved pictures.
5. Touch the picture you wish to view to display full screen. The selected picture fills the screen. The following options are available:



SET AS: Set this picture as a Contact Icon or as Wallpaper on the Home screen.



SHARE: Send a copy of this picture to another device or person using Bluetooth, Gmail, Email, Messaging, or Picasa.




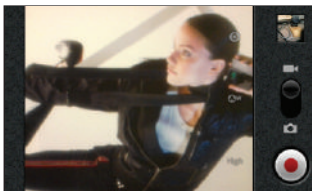
DELETE: Erase this picture from the Gallery.





6. For additional options, press . The following additional options are available:
 - **Share:** Send a copy of this picture to another device or person using Bluetooth, Gmail, Email, Messaging, or Picasa.
 - **Rotate:** Rotate the picture Left (counter-clockwise) or Right (clockwise).
 - **Delete:** Erase this picture from the Gallery.
 - **Crop:** Erase unwanted portions of this picture.
 - **Set as:** Set this picture as a Contact Icon or as Wallpaper on the Home screen.
 - **More:** Displays the following additional options:
 - **Details:** List the name, File size, Resolution, Manufacturer, Model, White Balance setting, and Date taken for this picture.
 - **Show on Maps:** Indicate location where picture was taken on a map.
 - **Slideshow:** Displays pictures in the Gallery in a slideshow.
 - **Settings:** Displays the Gallery settings.
7. To exit the Camera, press .

Recording a Video


To record a video using the current camcorder settings, do the following:

1. Press and hold the Camera key ( — on the right side of the phone). The camera viewfinder screen appears in the display.
2. Touch and slide the Camera-Camcorder switch to Camcorder position. The Camcorder viewfinder screen appears in the display. (For more information, refer to “Screen Layout” on page 59).

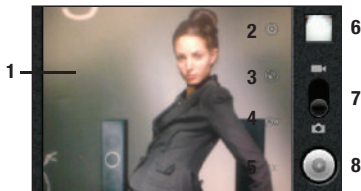


3. Using the display as a viewfinder, point the camera lens (on the back of your phone) at your subject.
4. When the image that you wish to capture appears in the display, press the Camera key () or touch  . When you're finished recording your video, press the Camera key () again or touch  .
A thumbnail view of the new video fills the preview pane in the upper right corner of the viewfinder screen.
5. To review the video full-screen, touch the preview pane. Touch and hold a video thumbnail to access the following options:
 - **Play:** Play the new video.
 - **Share:** Send a copy of this video to another device or person using Bluetooth, Email, Gmail, Messaging, or YouTube.

Note: To share a video using Messaging requires sending a Video MMS message and the video clip must be no larger than 1 MB.

- **Delete:** Erase this video from the Gallery.
 - **Details:** Displays video name, File size, Duration, Frame rate, Bit rate, Format, and Date taken.
6. To exit the Camcorder, press .

Screen Layout



Screen Indicators and Buttons

1. **Viewfinder:** Displays the image currently seen by the Camera lens.
2. **Settings:** Touch to open the **Camera / Camcorder settings** menu.
3. **Store a location:** Touch to store GPS location information with the image. Select **On** or **Off** to enable or disable this feature. Lets you Show on Maps where you took a selected picture. (See “*Show on Maps*” on page 62.)

Note: You must agree to Google's location service, also known as Geotagging, to collect anonymous location data. Go to **Settings** → **Location & security** → **Use wireless networks** to select or deselect this feature.

4. **White balance:** Touch to select White balance to match available light: Auto / Incandescent / Daylight / Fluorescent / Cloudy.
5. **Zoom:** (Camera) Touch to adjust Zoom setting: 1x / 1.6x / 2.2x / 2.8x / 3.4x / 4x. Video quality: (Camcorder) Touch to adjust Video quality setting: High (30m) / Low (30m) / MMS (Low, 20s) / YouTube (High, 10m).
6. **Thumbnail:** Displays the last picture you took with the Camera or the first frame of the last video you recorded with the Camcorder. Touch to access the Gallery.
7. **Mode:** Swipe down for Camera mode (as shown), swipe up for Camcorder mode.
8. **Take / Record / Stop:** Takes pictures (Camera) or starts and stops video recordings (Camcorder).

Camera-Camcorder Settings

To access the Camera or Camcorder settings menu, do the following:

- ▶ From the Camera / Camcorder viewfinder screen, touch **Settings** (see “Screen Layout” on page 59). The following settings are available:
 - **Focus mode** (Camera only): **Auto** / **Infinity** / **Macro** — Keep center of subject in focus (Auto), maintain full image in focus (Infinity), or focus on a very close object (Macro).
 - **Scene mode** (Camera only): **Auto** / **Portrait** / **Landscape** / **Night** / **Beach/Snow** / **Sunset** / **Fireworks**.
 - **Metering** (Camera only): **Matrix** / **Center** / **Spot**.
 - **Picture size** (Camera only): **3M Pixels** / **2M Pixels** / **1M Pixels** / **VGA pixels** — Control picture size and file size as needed.
 - **Picture quality** (Camera only): **Super fine** / **Fine** / **Normal** — Control picture clarity and file size as needed.
 - **Color effect**: **None** / **Mono** / **Sepia** / **Negative** / **Aqua** / **Whiteboard** — Apply special color effects to your pictures / videos.
 - **Camera settings**: Restore to default.

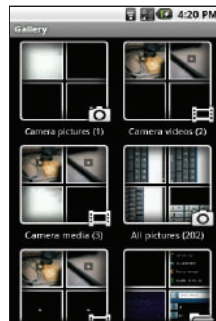
Gallery

The Camera-Camcorder stores your photos and videos in the Gallery, where you have easy access to review and manage your files.

- ▶ From the Home screen, press  → **Gallery**.


The **Gallery** screen displays showing the following media file clusters:

- **Camera pictures**: Thumbnail views of up to four of the pictures taken with your phone's Camera and stored in the phone. The total number of pictures also appears.
- **Camera videos**: Thumbnail views of up to four of the videos recorded with your phone's Camcorder and stored in the phone. The total number of videos also appears.
- **Camera media**: Thumbnail views of up to four of the pictures and videos taken with your phone's Camera-Camcorder and stored in the phone. The total number of pictures and videos also appears.



To access the files in one of the clusters, touch the desired cluster. A 3 x 4 array of the files in the cluster appears in the display.

Gallery and Camera Media Menu Options

- ▶ In the **Gallery** screen, press . The following menu options are available:
 - **Capture picture**: Launches the Camera.
 - **Capture video**: Launches the Camcorder.
 - **Settings**: The following Gallery settings are available:
 - **General settings**: Select a Display size and Sort order for your pictures and videos, and select whether to Confirm deletions of pictures and videos.
 - **Slideshow settings**: Select how your photos are presented, and in what order, when in Slideshow mode.

Camera and Video Pictures Options

- ▶ Touch **Camera pictures** / **Camera videos** / **Camera media** → . The following menu options are available:
 - **Capture picture**: Launches the Camera.
 - **Capture video**: Launches the Camcorder.
 - **Slideshow**: Camera Pictures only — View pictures taken with your phone's Camera as a slideshow.
 - **Multiselect**: Select pictures/videos to Share or Delete.
 - **Settings**: The following Gallery settings are available:
 - **General settings**: Select a Display size and Sort order for your pictures and videos, and select whether to Confirm deletions of pictures and videos.
 - **Slideshow settings**: Select how your photos are presented, and in what order, when in Slideshow mode.

Picture Menu Options

1. In the Gallery Camera Pictures array, select a photo. The photo expands for easier viewing.
2. Press . The following menu options are available:
 - **Share**: Send a copy of this picture to other devices, to various on-line services, and/or to individuals as part of a picture or email message.
 - **Rotate**: Rotate the picture clockwise or counter-clockwise.
 - **Delete**: Erase this picture from the Gallery.
 - **Crop**: Erase selected portions of this picture.
 - **Set as**: Set this picture as a Contact icon or as Home screen Wallpaper.
 - **More**: Displays the following additional options:
 - **Details**: Show File size, Resolution setting, Manufacturer, Model, WhiteBalance setting, and Date taken for this picture.
 - **Show on Maps**: Show a map with the location where this picture was taken indicated on the map.

Tip: To use the **Show on Maps** option, you must store the locations where pictures are taken with the pictures. (See the “*Store location*” option on page 59.)

- **Slideshow**: Show all Gallery Camera Pictures as a slideshow.
- **Settings**: Select values for Gallery General and Slideshow settings.

Send Pictures and Videos

Send a picture or video you have taken to anyone with a compatible device in a few easy steps.

1. From the Camera / Camcorder view finder screen, take a picture or record a video.
2. Touch the thumbnail preview image in the upper right corner of the display. The photo/video review screen appears in the display.
3. Touch and hold the picture/video you want to send, then touch **Share**. The Share pictures via menu pops up showing the following available options:
 - **Bluetooth**
 - **Email**
 - **Gmail**
 - **Messaging**
 - **Picasa**
4. Touch the desired option and follow the prompts to send a copy of this photo/video. (For more information, refer to “*Messaging*” on page 50.)

Section 8: Playing Music and Videos

Loading Media Files

You can load media files (MP3 or WMA music and/or MP4 or 3GP video) to your phone over the air or using a Personal Computer.

Downloading

Over the Air

- Save music obtained using the Browser or from the Market to the microSD or microSDHC Memory Card.

Note: For more information, refer to “*Apps (Applications)*” on page 65.

Via PC

1. Connect the phone to your Personal Computer using the USB Data Cable. “**USB connected**” and a USB Notification icon appear on the top line of the display. The **USB connected** screen appears in the center of the display.
2. Touch **Turn on USB storage**. The **USB storage in use** screen appears in the display, and a new “Removable Disk” appears on your Personal Computer.
3. Copy your MP3 or WMA music files to the `./DCIM/Music` directory on the Memory Card.

Note: If there is no `./DCIM/Music` directory, create one.

4. Copy your MP4 or 3GP video files to the Memory Card.

Sideload


1. Remove the microSD or microSDHC Memory Card from your phone. (For more information, refer to “*Removing a Memory Card*” on page 12.)
2. Insert the Memory Card in a compatible Card Reader connected to a personal computer.
3. Copy your MP3 or WMA music files to the `./DCIM/Music` directory on the Memory Card.

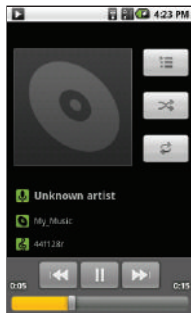
Note: If there is no `./DCIM/Music` directory, create one.

4. Copy your MP4 or 3GP video files to the Memory Card.
5. Remove the Memory Card from the Card Reader and insert the Memory Card in your i100 phone. (For more information, refer to “*Installing a Memory Card*” on page 11.)

Playing Your Media Files

Launching the Music Player

1. Press  → **Music**. The Music Library screen appears in the display.
2. Touch the **Songs** tab. A list of songs on the Memory Card appears in the display.
3. To play a song, touch it in the list. The Music Player screen appears in the display and the selected song begins playing.

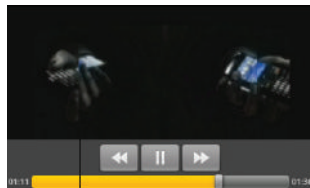


Launching the Video Player

4. Press  → **Gallery** → **Camera videos**. An array of thumbnail images appears in the display.

Note: Videos are indicated by a Play arrowhead overlay.

5. Locate and touch the desired video. The Video Player screen appears (in landscape mode) and the selected video begins playing.



Note: The Video Player controls faded out as video playback continues. To restore the controls, touch the display.

Section 9: Apps (Applications)

Your i100 phone includes a number of useful Apps and offers access to the Android Market, where you can purchase and download still more Apps.

Google Apps


Some of the Apps loaded on your i100, such as **Gmail** and **Market**, require you to have a Google account to use them.

Creating a Google Account

To create a Google account, you can use either your i100 phone or a personal computer. When creating the account, Google asks you to enter an Email address:

- To create a Gmail address along with the account, use your i100 phone.
- To enter an existing address, use a personal computer.


Using Your i100 Phone

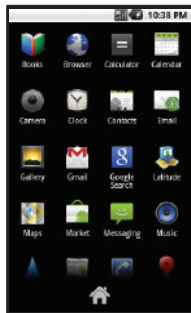
1. From the Home screen, touch . The Apps menu appears in the display.
2. In the last row of Apps, touch either **Gmail** or **Market**. The **Set up your Google Account** screen appears in the display.
3. Follow the onscreen prompts to create your free account.
4. Log into the email address you entered on the **Google accounts** page, and locate the email from Google.
5. Respond to the new email to both confirm and activate your new account.

Using a Personal Computer

1. From a computer, launch a Web browser and navigate to www.google.com.
2. On the Google home page, click **Sign-in → Create an account now**.
3. Follow the onscreen prompts to create your free account.
4. Log into the email address you entered on the **Google accounts** page, and locate the email from Google.
5. Respond to the new email to both confirm and activate your new account.

Launching an App

1. From the Home screen, touch . The Apps menu appears in the display.
2. Swipe up or down across the screen to scroll the menu and find a particular App.
3. To launch the desired App, touch the related icon.



Note: Some applications, such as Market, require you have a Google account and a network connection.

Available Apps

The following Apps are pre-loaded on your i100 phone:



Books: Read eBooks from the web-based Google Books service.



Browser: Access the World Wide Web. The Browser supports “Pinch and Zoom” on some web pages.



Calculator: Divide, multiply, subtract, and add numbers of any length, with results presented in exponential format.



Calendar: Schedule events and set reminder alarms.



Camera: Take pictures and record and playback videos.



Clock: Displays current time, date, and weather information. Use to set up multiple alarms, select background image from the Gallery, and select a sound or music file to play when a set alarm time is reached.



Contacts: Create and maintain a phonebook of Contact information (phone numbers, Email addresses, postal addresses, and so on).



Email: Access business and personal Email accounts.



Gallery: View pictures, play slideshows and videos of pictures and videos taken with the Camera in your phone.



Gmail: Create and/or access a Gmail (Google mail) account.



Google Search: Search your phone's contents and/or the Internet.



Latitude: Share your location with selected friends.



Maps: Access Google maps.



Market: Find, purchase, and download Apps for your i100 phone.



Messaging: Exchange Text, Picture, and Video messages with other devices.



Music: Play and manage music files stored on a Memory Card. Create and play music playlists. Assign music files as ringtones.



Navigation: An internet-connected GPS navigation system with voice guidance. Type or speak your destination.



News & Weather: View Google news and weather.



Phone: Place phone calls.



Places: Find places of interest near your **Latitude** location.



Settings: Customize your phone's operation and functions to suit yourself.



Talk: Exchange instant messages using Google Talk.



ThinkFree Office: Create, edit, and manage Microsoft® Word™, Powerpoint™, and Excel™ files.



Voice Dialer: Place calls with spoken commands.



Voice Search: Search the contents of your phone with spoken commands.



YouTube: Access YouTube video sharing site.

Accessing Apps Directly

You can access an App directly from one of the Home screen panels after copying a Shortcut or Widget for the App to the desired Home screen panel.

Pre-positioned Shortcuts and Widgets

Your i100 comes with a number of Shortcuts and Widgets pre-positioned on two of the Home screen panels.

Panel 3	Panel 4
<ul style="list-style-type: none">• Google search• Gmail• Market• Talk• Voice Dial• Messaging• Email• Contacts• Calendar	<ul style="list-style-type: none">• YouTube• Camera• Gallery• Music

Section 10: Connections

This section explains how to setup your phone's network, Wi-Fi (Wireless Fidelity), Bluetooth, and VPN (Virtual Private Network) connections.

Note: Use of these Wi-Fi, Bluetooth, and/or VPN wireless connections can increase the drain on your i100's battery, shortening your usage time.

Accessing Wireless & network settings

To launch the **Wireless & network settings** menu:

- ▶ Press  →  → **Settings** → **Wireless & network settings**. The **Wireless & network settings** menu appears in the display.

Wi-Fi

You can use your i100 to access the Internet and other services through secured Wireless Access Points (WAPs) (those requiring knowledge of the Router name and password) and over unsecured (open or “public”) WAPs (“hot spots”).

Tip: Although public hot spots do not require you to provide a password, you may need to launch the **Browser** to complete an access process. (For more information on using your phone's **Browser**, see “*Browser*” on page 77.)

Turn Wi-Fi Interface On

- ▶ From the **Wireless & network settings** menu, touch **Wi-Fi**. The associated check box changes color to green.

Turn Wi-Fi Interface Off

- ▶ From the **Wireless & network settings** menu, touch **Wi-Fi**. The associated check box changes from green to background color.

Setting Up a Wi-Fi Connection


1. From the **Wireless & network settings** menu, touch **Wi-Fi settings**. The **Wi-Fi settings** menu appears in the display. The following options are available:
 - **Wi-Fi:** Turns the phone's Wi-Fi interface On/Off.
 - **Network notification:** When enabled, your phone notifies you when it detects a Wi-Fi open network (hot spot).
 - **Wi-Fi networks:** List of detected open, visible secured, and/or manually added hidden secured Wi-Fi networks. Wi-Fi networks listings show network names and security settings, if any. Select a network listing to connect to that network. If the network is secured, but you have not manually added it, you are prompted to enter the WAP password.
 - **Add Wi-Fi network:** Manually add a Wi-Fi network to the **Wi-Fi networks** list.

2. To manually add a Wi-Fi network to the Wi-Fi networks list:
 - Touch **Add Wi-Fi network**. The Add Wi-Fi network screen pops up.
 - Touch the **Network SSID** field and enter the name of the Wireless Access Point. This entry lets you add hidden secured Wi-Fi networks.
 - For a secured network, touch the **Security** field. Select the appropriate security setting by touching it. You are prompted to enter the WAP password.
 - To save your entries to the list, touch **Save**.

Note: When you manually add a secured Wi-Fi network, you are not prompted to enter the WAP password each time your phone connects.

Advanced Wi-Fi settings

The **Wi-Fi settings – Advanced** menu lets you further customize how your phone communicates with Wi-Fi networks.

- ▶ From the **Wi-Fi settings** menu, press  → **Advanced**. The Advanced menu appears in the display with the following options available:
 - **Wi-Fi sleep policy:** Set your Wi-Fi interface to sleep When the screen turns off / Never when the phone is plugged in / Never.
 - **MAC address:** View your phone's Media Access Control address.
 - **Proxy:** Assign a Proxy Name to your device.

- **Port:** Assign a Wi-Fi communications Port to your device.
- **IP settings:** Enable and specify a static Internet Protocol address. (Sometimes required by enterprise networks.)

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

Turn Bluetooth On

- ▶ From the **Wireless & network settings** menu, touch **Bluetooth**. The associated check box changes color to green.

Turn Bluetooth Off

- ▶ From the **Wireless & network settings** menu, touch **Bluetooth**. The associated check box changes color from green to the background color.

Pair with a New Device

1. From the **Wireless & network settings** menu, touch **Bluetooth settings**. The following options are available:
 - **Bluetooth**: Turns the phone's Bluetooth technology interface On/Off.
 - **Device name**: View or change your phone's Bluetooth device name.
 - **Visible**: Make your phone visible to other scanning and un-paired Bluetooth devices.
 - **Scan devices**: Make your phone scan for other discoverable and un-paired Bluetooth devices.
 - **Bluetooth devices**: List of Bluetooth devices already paired with your phone or discovered by your phone when scanning.

2. To pair your phone with a new Bluetooth device:

- Place the other Bluetooth device in discoverable mode. (See the device user manual for more information.)
- From the **Bluetooth settings** menu, touch **Scan devices**.

Your phone searches for available Bluetooth devices. Named listings for available devices appear in the display.

- Touch the device listing you want to pair with your phone. You are prompted to enter the passkey or PIN for the selected device.
- Enter the device passkey or PIN and touch **OK**. (See the device user manual for more information.) Pop-up messages appear to inform you that pairing with the device and connecting to it are complete.

Note: If you are pairing and connecting to another phone or to a personal computer, both devices prompt for a passkey or PIN. To successfully pair and connect your phone with the other device, the same passkey or PIN must be entered on both devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once paired, the devices will recognize each other and reconnect without your having to re-enter a passkey or PIN.

Reconnecting to a Paired Bluetooth Device

To reconnect to a paired Bluetooth headset or handsfree device:

- ▶ In the **Bluetooth settings** menu, touch the listing for the preferred device. The device status changes to indicate the connection is complete.

Note: Your phone automatically reconnects with another phone or to personal computers when you select **Share → Bluetooth** and then select a device. (For example, when sharing a Contact (see “Sending a Contacts Entry” on page 47)).

Bluetooth Device Listing Options

Paired and Connected Device

- ▶ In the **Bluetooth devices** list, touch and hold a connected device listing. The following options are available:
 - **Disconnect:** Break the connection between your phone and this device. Device remains paired with your phone.
 - **Disconnect and unpair:** Break the connection between your phone and this device and desolve the pairing with your phone.
 - **Options:**
 - **Connect:** Make a Bluetooth connection between this device and your phone.
 - **Phone:** Connect this device to your phone's send and receive audio for voice calls. (For connections with phone headsets and handsfree devices.)

- **Media:** Connect this device to your phone's media (music, video, and so on) audio. (For stereo headsets and handsfree devices.)

Paired and Disconnected Headset

- ▶ In the **Bluetooth devices** list, touch and hold a disconnected Bluetooth headset listing. The following options are available:
 - **Connect:** Establish a connection between your phone and this device.
 - **Unpair:** Desolve the pairing with your phone.
 - **Options:**
 - **Connect:** Make a Bluetooth connection between this device and your phone.
 - **Phone:** Connect this device to your phone's send and receive audio for voice calls. (For connections with phone headsets and handsfree devices.)
 - **Media:** Connect this device to your phone's media (music, video, and so on) audio. (For stereo headsets and handsfree devices.)

Paired and Disconnected Device

- ▶ In the **Bluetooth devices** list, touch and hold a disconnected device (other than a headset) listing. The following option is available:
 - **Unpair:** Desolve the pairing with your phone.

Mobile AP

Use Mobile AP to share your device's 3G internet connection with a PC or other device through Wi-Fi, using your device as a mobile wireless hotspot.

Note: Mobile AP consumes battery power and uses data service.

To use Mobile AP, you need the Mobile AP feature from your wireless provider. There is a monthly charge for the Mobile AP feature, and all data used by connected devices will apply to the customer's data allowance. Contact your wireless provider for more information.

Configuring Mobile AP Settings

Configure your device's Mobile AP settings, including your device's name and password, and set the visibility of your device's Mobile AP.

For more information, see *"Mobile AP settings"* on page 74.

Launching Mobile AP

Activate your device's Mobile AP application to allow other devices to use your device's 3G internet connection.

1. From the **Wireless & network settings** menu, touch **Mobile AP**.
2. Touch **Mobile AP** to launch Mobile AP. Read the information about Mobile AP, then touch **Accept** to proceed.
3. Mobile AP consumes battery power. Read the information about battery usage, then touch **Accept** to proceed.
4. Your device establishes a connection to the network for the Mobile AP.
5. Activate Wi-Fi on your PC or other device, then follow the prompts on your device to connect.

Tip: Your device's default password is your device phone number. For more information, see *"Mobile AP"* on page 73.

6. When you are finished using Mobile AP, touch **Mobile AP** to close the application.

Connecting a Device via Mobile AP

Use the other device's Wi-Fi control to connect to your device's Mobile AP.

1. Launch Mobile AP on your device. For more information, see *"Launching Mobile AP"* on page 73.
2. Activate Wi-Fi on the other device, using the device's Wi-Fi control.
3. Scan for Wi-Fi hotspots, and select your Mobile AP from the list. To find your device's name, see *"Mobile AP settings"* on page 74.
4. At the prompt, enter your device's Mobile AP password. By default, the password is your device's number. For more information, see *"Mobile AP settings"* on page 74.

Mobile AP settings

1. From the **Wireless & network settings** menu, touch **Mobile AP**.
2. Touch **Mobile AP settings** for these settings:
 - **Network SSID:** The default name for your device is displayed. Touch to enter a new name for your hotspot, if desired.
 - **Security:** Choose a security level for your hotspot, from Open or WPA2 PSK.
 - **Password:** When Security is set to WPA2 PSK, touch to require a password to access your device as a hotspot, and set a password. When enabled, a checkmark appears in the check box.
 - **Show password:** When enabled, your password appears in the Password field.
 - **Hide my device:** Touch to hide your device from other devices searching for a hotspot. When enabled, a check appears in the check box.

Tip: By default, your device's Mobile AP password is your device number. To change the password, touch Password, then enter a new password.

VPN

You can connect your i100 to an enterprise Virtual Private Network, such as your employer's.

To add a VPN:

1. From the **Wireless & network settings** menu, touch **VPN settings** → **Add VPN**. The screen appears in the display with the following VPN types:
 - **Add PPTP VPN:** Point-to-Point Tunneling Protocol
 - **Add L2TP VPN:** Layer 2 Tunneling Protocol
 - **Add L2TP/IPSec PSK VPN:** Layer 2 Tunneling Protocol / Internet Protocol Security Pre-Shared Key
 - **Add L2TP/IPSec CRT VPN:** Layer 2 Tunneling Protocol / Internet Protocol Security Certificate-based
2. Touch the desired VPN type. The following settings are available, depending on the VPN type:

Note: Contact the Information Technology Security support personnel for the correct values for these settings.

- VPN name
- Set VPN server (L2TP/IPSec PSK and L2TP/IPSec CRT networks)
- Set IPsec pre-shared key (L2TP/IPSec PSK networks only)
- Enable encryption (PPTP)

- Enable L2TP secret (L2TP, L2TP/IPSec PSK networks and L2TP/IPSec CRT networks)
- Set L2TP secret (L2TP, L2TP/IPSec PSK networks and L2TP/IPSec CRT networks)
- Set user certificate (L2TP/IPSec CRT networks only)
- Set CA (Certificate Authority) certificate (L2TP/IPSec CRT networks only)
- DNS search domains

Mobile networks

You can select roaming options for your i100,

- From the **Wireless & network settings** menu, touch **Mobile networks**. The following options are available:
 - **Data enabled:** When enabled, allows you to access data over a Mobile network.
 - **Data roaming:** When enabled, lets you use data services on your phone while you are roaming outside your Home network.
 - **System select:** Restricts your i100 to use within your Home network (no roaming), or allows Automatic roaming.

Dial Up Networking

With Dial Up Networking enabled, your phone's access to all other data services [such as the Browser and Multimedia Messaging Service (MMS)] is disabled.

Important: Please contact your Wireless Carrier before using your phone as a modem through Internet Sharing or Tethering. A tethering service plan is required due to high data usage.

Enabling Dial Up Networking

1. From the **Wireless & network settings** menu, touch **Dial Up Networking**. A Notification appears to inform you that, if you enable Dial Up Networking, you cannot use other data services. You are prompted to confirm that you want to use this service.
2. To enable Dial Up Networking, touch **OK**. The check box changes color from background to green.

Note: For information on creating a Dial Up Network connection, refer to your personal computer user documentation.



Disabling Dial Up Networking

- From the **Wireless & network settings** menu, touch **Dial Up Networking**. The check box changes color from green to background. You can now use other data services.

Section 11: 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, touch  **Browser**.

Navigating the web

Command Keys

- ▶ Press  **Back** to return to the previous page.
- ▶ To go forward, press  **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 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, touch  **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, touch  **Browser**.
2. To open a new window, press  **Menu** → **New window**.
3. To switch to another open window, press  **Menu** → **Windows**. Touch a window to display it.
4. To close a window, press  **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, touch  **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, touch  **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 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.
 - Press  **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 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, press  **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 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 to the clipboard for pasting.

Copying text


1. From the Home screen, touch  **Browser**.
2. Browse to the desired website.
3. Press  **Menu** → **More** → **Select text**.
4. On the web page, touch and drag over the text. When you lift your finger, the text is saved to the clipboard.
5. To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste**.

Copying a hyperlink or URL



1. From the Home screen, touch  **Browser**.
2. Browse to the desired website.
3. Touch and hold on a hyperlink or URL, then press  **Menu** for these options:
 - **Open**: Launch the web page.
 - **Open in new window**: Launch the web page in a new window.
 - **Bookmark link**: Create a bookmark to the page (without loading it).
 - **Save link**: Save the linked page to Download history.
 - **Share link**: Send the page's URL via Email, Gmail, or Messaging.
 - **Copy link URL**: Save the link's URL to the clipboard.

Browser Menu

While viewing a web page, press  **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).
- **Bookmarks**: Create and manage bookmarks for favorite sites.
- **Windows**: Switch between windows, or open a new window.
- **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.
 - **Find on page**: Search for content on the current page.
 - **Select text**: Enable the text selector. Returns you to the web page, where you can drag your finger over text to select it and copy it to the clipboard.
 - **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, press  **Menu** for access to **Cancel all downloads** command.
 - **Settings**: Customize the Browser (see Browser Settings).

Browser Settings

- From the Home screen, touch  **Browser** →  **Menu**
→ **More** → **Settings**:

• Page content settings

- **Text size**: Choose a default size for web page content.
- **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-only display**: 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.

• 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 Google / Yahoo! / Bing as your Browser's default search engine.
- **Website settings:** View and manage settings for individual websites.
- **Reset to default:** Clear all browser data and reset all settings to the factory defaults.

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 settings*” on page 87.

- From the Home screen, touch  **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:
 - **Map:** Move the map's focus to this location.
 - **Directions:** Get driving, public transport, or walking directions.
 - **Call:** Call the number for this location.
 - **Street view:** Get a street-level view of this location (if available).
 - **What's nearby?:** Display nearby points of interest.
 - **Search nearby:** Enter search criteria to find nearby points of interest.
 - **Share this place:** Send these map coordinates via Email, Gmail, or Message.
 - **Report a problem with the map:** Send an error report to Google Maps.


Maps Menu

1. From the Home screen, select  **Applications** →  **Maps**.
2. While viewing a map, press  **Menu** for these options:
 - **Search:** Enter text criteria to find locations or points of interest.
 - **Directions:** Get driving, public transport, or walking directions.
 - **Layers:** Choose map layers to display.
 - **My Location:** Indicate your location on the map (requires Google location services; see page 87).
 - **Join Latitude:** Use the Google Latitude service to share locations and status with other Google Latitude users.
 - **More:**
 - **Clear Map:** Reset the map after searching or following directions.
 - **Starred Places:** Synchronize your starred map items with Google maps.
 - **Labs:** Access experimental features.
 - **Cache Settings:** Select whether to Prefetch map tiles when not connected to a Wi-Fi network and whether to Clear user data from the tile cache memory.
 - **Help:** Display a searchable Google Mobile Help screen.
 - **Terms, Privacy & Notices:** Display legal information.
 - **About:** Displays information about Google Maps.

Section 12: Changing Your Phone's Settings

This section explains the settings available to customize your phone to suit your needs and preferences.

Accessing the Settings Menu

- From the Home screen, press  → **Settings**. The **Settings** menu appears in the display.

Wireless & networks Settings

These settings let you control and tailor how your phone communicates with networks and other Bluetooth devices. (For more information, refer to “*Connections*” on page 69.)

Call Settings

These settings control how your phone places and responds to calls.

Voicemail

Provides Voicemail service through My carrier.

Voicemail settings

Displays the voicemail number for your carrier.

North american dialing

Activating this setting sets your phone's International Dialing Code to the North American Dialing Plan value of 011. Deactivating this setting activates the **International dialing** setting.

International dialing

This setting lets you change your phones International Dialing Code to one used in countries outside the North American Dialing Plan.

TTY

Activates your phone's ability to communicate with a TTY or TDS device connected to the headset jack.

View call timer

Touching this setting launches the **Call Timer** screen (For more information, refer to “*Call Timer*” on page 38). To reset all timers except Lifetime Calls, press  → **Reset all timer**.

Call Restrictions

This setting lets you Allow All calls, Allow Contacts calls only, or Allow None for both Incoming and Outgoing calls.

Emergency Number

This setting lets you enter up to 3 emergency phone numbers (including 911, if you want). Calls to these numbers will place your phone in Emergency mode (For more information, refer to “*Emergency Number Dialing*” on page 32).

Auto Answer

This setting lets you select whether your phone automatically answers incoming calls, and how quickly (that is, after 1, 3, or 5 seconds).

Sound settings

Sound settings let you customize your phone’s audio properties, such as for ringers, keypad tones, alerts, and more. Touch this option to access the following settings:

General

Silent mode

Touching this setting silences or restores all phone sounds except alarms and media players (music and video).

Vibrate

Touch this setting to select when or whether your phone vibrates to indicate incoming calls.

Volume

This setting lets you adjust the volume of the incoming call ringer, media playing on your phone, and alarms. You can also elect to apply this volume setting to notification alert tones.

Incoming calls

Phone ringtone

This setting lets you select the default ringtone that plays for all incoming calls except those from Contacts for whom you have set unique, identifying ringtones. (For more information, refer to “*Contacts List*” on page 39.)

Notifications

Notification ringtone

This setting lets you select the default ringtone that plays for all Notifications when they occur.

Feedback

Audible touch tones

Touch this setting to enable/disable playing of key tones when you touch virtual keypad keys or press physical keypad keys.

Audible selection

Touch this setting to enable/disable playing of a tone when you select an object on the touch screen.

Screen lock sounds

Touch this setting to enable/disable playing of a tone when you lock or unlock the screen.

Haptic feedback

Touch this setting to enable/disable your phone momentarily vibrating when you select an object on the touch screen.

Emergency tone

Touching this setting enables/disables the alert tone your phone sounds during an Emergency call.

Tip: This feature can be valuable during emergency situations, such as, a home invasion.

Disabling the Emergency call alert tone can prevent a home invader from locating you by means of that tone.

Display settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs. Touch this option to access the following settings:

Brightness

With the Auto Brightness setting disabled, this setting lets you adjust the display brightness to suit yourself.

Automatic brightness

When enabled, this setting disables the manual **Brightness** setting and lets the phone automatically adjust display brightness for best visibility under existing ambient light.

Auto-rotate screen

Touching this setting enables/disables you phone's ability to automatically switch the display between portrait and landscape orientations depending on how you hold your phone, upright or on its side.

Animation

This setting lets you select whether No animations, Some animations, or All animations play on your phone.

Screen timeout

This setting lets you set the display backlight to remain on for 8, 15, or 30 seconds; or for 1, 2, 10, or 30 minutes with no activity.

Note: Prolonged backlight use drains your battery faster.

Location & security settings

Touch this option to access the following settings:

My Location

Use these settings to determine what location method(s) are available to emergency services and location-based Apps.

Use wireless networks

When enabled, this setting lets your phone use cell towers, femtocells, and/or Wi-Fi hot spots to determine your location for emergency and location-based services.

Use GPS satellites

When enabled, this setting lets your phone use GPS satellites to determine your location to street-level for emergency and location-based services.

Note: Prolonged GPS satellite use drains your battery faster.

Screen unlock

Set up screen lock

Use these settings to determine the unlock method for your phone.

None

Disables the other screen unlock settings and returns you to the default unlock swipe.

Pattern

When enabled, this setting requires that you draw a pattern on the display to unlock your phone, instead of the default single swipe across the display.

PIN

When enabled, this setting requires that you enter a Personal Identification Number (PIN) to unlock your phone, instead of the default single swipe across the display.

Password

When enabled, this setting requires that you enter a numeric password, an alphabetical password, or combination of letters and numbers to unlock your phone, instead of the default single swipe across the display.

Passwords

Visible passwords

Touching this setting makes passwords visible/or invisible while you type them.

Device Administration

Select device administrators

Touching this option lets you add or remove device administrators.

Credential storage

Use the following settings to establish, maintain, and secure credentials storage for your phone.

Use secure credentials

When enabled, this setting requires that your phone's functions and Apps use stored credentials to secure data communications (such as for E-mail and secure web sites).

Install from SD card

Touch this setting to install secure credentials from a Memory Card, instead of from network or internet sources.

Set password

Touch this setting to set or change the secure credential storage on your phone.

Clear storage

Touch this setting to erase all data from the secure credential storage on your phone.

Applications settings

Unknown sources

When enabled, this setting lets you install Apps on your phone from sources other than Google Market. (For more information, refer to “*Apps (Applications)*” on page 65.)

Manage applications

Touch this setting and select an App to move (between phone memory and memory card), and uninstall third-party Apps installed on your phone.

Note: Not all third-party Apps can be moved to the microSD memory card. The **Move to SD card** option must be active (highlighted).

Running services

Touching this setting lets you free up phone memory by reviewing and/or disabling services currently running on your phone.

Development

Touching this setting lets you enable/disable your phone's App development support functions.

Accounts & sync settings

Touch this option to access the following settings:

General sync settings

These settings let you control how and when Apps (for example, Email and Maps) synchronize their data files with network or internet sources (such as, your Wireless Provider's and Google's servers).

Background data

When enabled, this setting lets Apps installed on your phone schedule their synchronization, sending, and receiving of data.

Auto-sync

When enabled, this setting lets Apps installed on your phone synchronize, their data automatically, rather than requiring you to manually synchronize each App's data.

Manage accounts

Lists the messaging accounts (personal and business) that you've defined to your phone, and lets you add more accounts or remove existing accounts.

Privacy settings

Touch this option to access the following settings:

Backup and restore

Back up my data

Enable or disable backup of your data and settings to the Google server.

Automatic restore

When enabled, Automatic restore will restore backed-up settings when you reinstall an application.

Personal data

Factory data reset

Touch this option to erase all user data (such as Contact entries and messages) from your phone.

SD card & phone storage settings

Touch this option to access the following settings:

SD card

Total space

Lists the total amount of usable storage space on the Memory card you have installed in your phone. (For more information, refer to “*Memory Card*” on page 11.)

Available space

Lists the amount of unused storage space on the Memory card you have installed in your phone.

Unmount / Mount SD card

Touching this option frees the Memory card you have installed in your phone so that you can remove it or mounts a Memory card you have inserted so that you can use it.

Format SD card using Your Phone

Touch this option to prepare a Memory card you have installed for use by your phone.

Tip: If you wish to re-use a memory card from another device. It is best to format the used card before letting your phone store any data on the card.

Caution!: Formatting a memory card removes all data from the card.

Warning!: Repeated formatting of a memory card reduces its service life. Do not use this option to clear storage space on a memory card.

Formatting a Memory Card

Formatting erases all content from the memory card and prepares it for use with your phone.

Formatting a Memory Card using Your Phone

1. From the Home screen, press , then touch **Settings** → **SD card & phone storage**
2. Touch **Unmount SD card** and touch **OK**.
3. After unmounting the SD card, touch **Format SD card**.
4. Follow the prompts to confirm the formatting of the card.

Formatting a Memory Card using Your PC

For best playback of songs stored on a microSD™ or microSDHC™ memory card, use the PC file system FAT32. Consult your PC and/or memory card reader documentation for information about formatting memory cards.

Internal phone storage

Available space

Lists the amount of unused memory in your phone.

Language & keyboard

Language & keyboard settings


Select language

Lets you select English or Español as your phone's display and default input language.

Text settings

Swype

Configure Swype settings. Swype is a new way to enter text by gliding your finger over the characters on the keyboard.

1. From the Home screen, press the  **Menu Key**, then touch **Settings** → **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, automatically adds spaces after selected words and after punctuation marks.
- **Auto-capitalization:** When enabled, automatically capitalizes the first letter of the first word in a sentence.
- **Show complete trace:** Choose how long the trace of your Swype entries display.
- **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 settings

These settings let you select the type of feedback you receive when you touch an on-screen keyboard key and enable/disable automatic capitalization and voice input. You can also control how the Word suggestion (predictive text input) function operates, enabling/disabling automatic fixing of common typos, the multiple word pop-up suggestion list, and automatic insertion of the highlighted word in the suggestion list.

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 48.

1. From the Home screen, press the  **Menu Key**, then touch **Settings** → **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.
 - **Auto-capitalization**: When enabled, automatically capitalizes the first letter of the first word in a sentence.
 - **Voice input**: Voice Input is an experimental feature using Google's networked speed recognition. When enabled, 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.


- **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.

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

Voice input & output settings

Voice input

Voice recognizer settings

Let you select an input voice language, filter explicit images from voice searches, block offensive words, elect to show search hints.

Voice output

Text-to-speech settings

Let you play a sample of speech synthesis, select whether to use default settings or your selected settings, enable/disable spoken caller ID,

Default settings

Let you select the default speech engine, install speech synthesis voice data, select the desired speech rate, select the English or Spanish as the spoken language.

Engines settings

Let you select and install language-specific speech synthesis engine settings.

Accessibility settings

Touch this option and you are prompted to download and install a “screen reader” to your phone. This activates the following setting:

Accessibility

Touching this setting enables/disables the Accessibility services.

Date & time settings

Automatic

Touch this setting to enable/disable automatic setting of the phone clock-calendar with values from the network provided by your Wireless Provider.

Note: When enabled, this setting disables the **Set date**, **Select time zone**, and **Set time** settings.

Set date

When enabled, this setting lets you select the current month, day, and year.

Select time zone

When enabled, this setting lets you select current time zone by city name from a list.

Set time

When enabled, this setting lets you select the current hour, minute, and time of day (AM / PM).

Use 24-hour format

When enabled, this setting displays the current hour as a number between 0 and 23. The AM / PM indicator is disabled.

Select date format

Touch this setting to set the date format as **Normal** (set by the network), **12/31/2011**, **31/12/2011**, or **2011/12/31**.

About phone

Touch this option to list the following options and information about your phone's current operating condition, hardware, and software:

- Status
- Battery use
- Legal information
- System tutorial
- Model number
- Android version
- Baseband version
- Kernel version
- Build number
- Hardware version

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 is:

- **Head:** 0.89 W/Kg.
- **Body-worn:** 0.73 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_recycle_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.

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, see *“Standard Limited Warranty”* on page 115.

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. Key in the emergency number for your present location (for example, 911 or other official emergency number).
Emergency numbers vary by location.
3. Press the “Send” 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

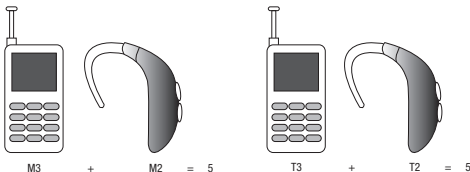
use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

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.



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 to the first consumer purchaser ("Purchaser") 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 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 Product by Purchaser. 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, without charge to Purchaser, or at SAMSUNG'S sole option, refund the purchase price. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace 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 90 days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, Purchaser 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, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser 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 PURCHASER 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 the Purchaser's total damage claims, exclusive of attorney fees and expert witness fees, are \$5,000.00 or less ("Small Claim"), the arbitrator may, if the Purchaser prevails, award the Purchaser's 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 by the Purchaser in bad faith. In a Small Claim case, the Purchaser 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 the Purchaser's 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.

Purchaser may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of Purchaser's original purchase of the Product. To opt out, Purchaser must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." Purchaser must include in the opt out e-mail (a) Purchaser's

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 Purchaser has 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, Purchaser may opt out by calling 1-888-987-4357 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 Purchaser 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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