

SCH-R900

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

User Manual

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



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Section 1: Getting Started

This section explains how to start using your SCH-r900 phone.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone.

A robust index for quick reference to most features begins on page 118.

Important safety information that you should know before using your phone is near the back of the guide, beginning on page 90.

Notes and Tips

Throughout this manual, the following labels point out important information, quick methods for activating features, and more:

- **Notes** — Explain alternative options within the current feature, menu, or sub-menu.
- **Tips** — Provide quick or innovative methods for performing functions related to the subject at hand.
- **Example** — Gives examples to illustrate a procedure or results.
- **Important** — Points out important information about the current feature that could affect performance, or even damage your phone.
- **Caution** — Provides advice to warn of potential consequences to an action or command.

- **Warning** — Points out important information that could affect performances, or even damage your phone.

Text Conventions

To condense information in this manual, the following term and icon appear in procedural steps:

- | | |
|---------------|---|
| select | Touching a menu item or screen item to launch, access, or save a highlighted menu item or screen field of interest. |
| → | Used in place of “select” in long “drill down” procedure steps. |

Example: “...Settings → Call Settings → Call Answer...”

Installing the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important! You must fully charge the battery the first time you use your phone, otherwise you could damage the battery.



Removing the Battery



Important! You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

The travel adapter rapidly charges your phone from any 120/220 VAC outlet.

1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.



Important! For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector on the upper right side of your phone.



Important! You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator () in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Five bars () indicate a full charge.
- An empty battery icon () indicates a near empty battery.
- A blinking empty battery icon () and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Turning Your Phone On

1. With the phone closed, press and hold the  key until the display lights.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

2. The phone begins searching for a network signal. Once the phone finds a signal, the time, date, and day appear near the top of the display. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon () appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.



Turn Your Phone Off

- ▶ With the phone closed, press and hold the  key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press  for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

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

Note: Once your Voicemail account has been set up, you can use the **Voicemail** folder (under the **Message** menu) to view details of voice messages in your Voicemail box.

1. In Standby mode, touch and hold the **1 2** key or dial your own mobile number to dial Voicemail.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In Standby mode, touch and hold the **1 2** key or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.
2. You are prompted to enter your password.

Memory Card (Optional)

Your phone has a Memory Card slot on its right side, behind the battery cover. You can install a microSD™ card to provide additional memory for storing files (such as, sound files and photos).

Install a Memory Card

1. Open the microSD cover on the left hand side of the phone.

2. Make sure that the gold contacts of the card are face down, as shown, then carefully slide the Memory Card into the memory card slot until you feel the card click into place.



3. Replace the microSD cover.

Remove a Memory Card

1. Open the microSD cover on the left hand side of the phone.
2. Carefully press the Memory Card inward until you feel it release.
3. Slowly release your pressure on the card. It will slide outward a short distance.
4. Remove the Memory Card from the memory card slot.
5. If desired, install another Memory Card. (For more information, refer to *"Install a Memory Card"*.)
6. Replace the microSD cover.

Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

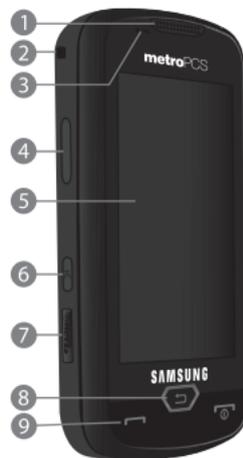
- Full color 3-inch (diagonal measure) WQVGA Touch Screen
- High Speed Data [EVDO 1x - Rev 0 Capable Technology, 3GPP Long Term Evolution (LTE) Technology, and Wi-Fi Technology]
- Bluetooth® Stereo (v2.1 + EDR) Wireless Technology (see Note)
- Global Positioning (GPS) Technology
- Productivity Tools — Including Calculator, Calendar, Alarm Clock, Stop Watch, World Time, Timer, Converter, Tip Calculator, and Memo Pad
- Messaging services — Text (SMS), Picture and Video (MMS), E-mail, Instant Messaging (IM), and Voicemail
- QWERTY Keypad
- Built-in 3.2 Megapixel Digital Camera-Camcorder
- Music Player (MP3 compatible, requires an optional microSD™ Memory Card) and Video Player (3GP and MP4 compatible).
- Voice Dial
- Speakerphone
- Memory Card Slot (microSD™ and microSDHC™ — up to 32 Gb)

Note: The r900 phone supports the wireless headset, hands-free, A2DP, phonebook access, basic printing object push, and file transfer profiles for Bluetooth® wireless technology.

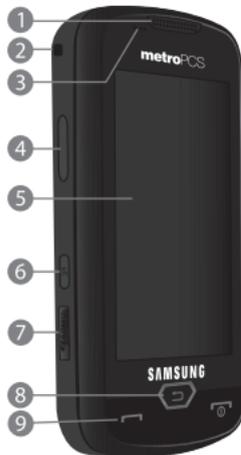
Left Side View (Closed) of Your Phone

Features

1. **Earpiece** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.
2. **Lanyard Hook** — Attach an optional lanyard. [Requires that you remove the Battery Cover. (See “Installing the Battery” on page 4.)]
3. **Light Sensor** — Adjusts screen brightness when Backlight Brightness is set to **Auto**. (For more information, refer to “Backlight” on page 83.)



4. **Volume Key** — Adjust the ring volume in Standby mode, adjust the voice volume during a call, or mute the ringer during an incoming call.
5. **Display** — Indicates the status of your phone (including numbers dialed, feature and function screens, status icons, message indicators and contents, and so on) and shows all touch controls (buttons, keypads, and menus).
6. **Voice Commands Key** — Press to activate Voice Commands.
7. **Memory Card Slot** — Used to install in an optional memory card (not included) for additional file storage.
8. **Back Key** — When navigating, press to return to the previous menu or screen.
9. **Send Key** — In Call mode, press to place or answer a call. In Standby mode, press to access the Calls log.



Right Side View (Closed) of Your Phone

Features

1. **Headset Connector (3.5mm)** — Connect an optional wired headset, headphones, or TTY device to your phone.
2. **Lock Key** — Press to lock or unlock the display.
3. **USB Power / Accessory Port** — Connect charging accessories or other accessories.
4. **Camera Key** — Launches the Camera-Camcorder feature of your phone and takes pictures or records videos.
5. **End Key** — Press to end a call. Press and hold to turn the phone on or off. Press to return to Standby mode from any feature, function, or menu.



Open (QWERTY) View of Your Phone



4. **Space / Vibrate Mode Key** — When entering text, press to insert a space. From the Home screen, press and hold to toggle between Normal Mode and Vibrate Mode.
5. **Directional Keys** — Press Up, Down, Left or Right to scroll through menus, or to move the cursor.
6. **OK Key** — Press to select a highlighted item.
7. **Enter Key** — When entering text, press to move the cursor to the next line.
8. **Clear Key** — When entering text, press to delete characters, or press and hold to delete words. When navigating, press to return to the previous menu or screen.

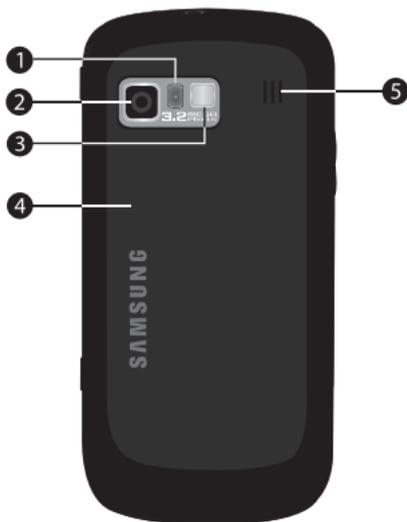
Features

1. **Symbol Key** — Press to select symbols to insert into your text.
2. **Function Key** — Press to toggle access to the green symbols on the QWERTY keys.
3. **Shift/New Message Key** — When entering text, press to toggle between mixed, upper and lower case alphabet characters. From the Home screen, or when highlighting a contact, press to open a new Text Message.

Rear View of Your Phone

Features

- 1. Flash** — Provides light for taking pictures and videos.
- 2. Camera Lens** — The lens of your built-in camera.
- 3. Mirror** — Position the camera when taking self-portraits.
- 4. Battery Cover** — Retains the battery.
- 5. Speaker** — Plays music, ringtones, and call sounds.



External Keys

Power/End Key

Use the Power/End key () to end calls, to turn the phone on or off, and to return to a previous menu.

- Press and hold  to turn your phone on or off.

- Press  to disconnect a call.
- Press  to return to Standby mode from any menu, or to cancel the last input.
- Press  to send an incoming call to Voicemail.

Send Key

Use the Send key () to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- Press  once to answer calls.
- Enter a number and briefly press  to make a call.
- Briefly press  in Standby mode to display a list of recent calls to and from your phone.
- Press  twice in Standby mode to call the most recent number.
- Press  to pick up a waiting call. Press  again to switch back to the other call.

Clear Key

Press a Clear key ( or ) to erase or clear entries, or return to a previous menu or screen.

- If you enter an incorrect character, press  to backspace and erase the character.
- To erase the entire phrase, press and hold .
- To return to the previous menu or screen, press  or .

Volume Key

Use the Volume key () to adjust volume:

- In Standby mode, press  Down to adjust Master Volume.
- In Standby mode, press and hold  Down to activate Sound Off mode. In Sound Off mode, press and hold  Up to return to the previous sound profile.
- During a call, press  to adjust the voice volume in the Earpiece-Speaker.
- When playing a music file or video clip, press  to adjust the playback volume.

Voice Commands Key

From Standby mode, press the Voice Commands key () to launch Nuance Voice Commands voice recognition.

Camera Key

Use the Camera Key () for Camera and Camcorder functions.

- From Standby mode, press  to launch the Camera.
- While in Camera mode, press  to take a photo.
- While in Camcorder mode, press  to record a video.

Lock Key

Use the Lock key () to lock and unlock the phone.

- Press  to lock the phone.

- With the phone locked, press and hold  to unlock the phone.

Entering Text

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



The keys are labeled with a letter on the lower half and a number or symbol on the upper half. Press the key corresponding to the character you want to enter.

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

	Press to delete characters.
	Press to start a new line.
	Press once to enter a single upper case letter. Press twice to select CAPS LOCK. Press once more to remove CAPS LOCK. Press and hold to enter T9 Word mode for predictive text entry.

	Press to pop-up the first of three pages of symbols in which you can select desired symbols.
	Press once to enter Fn mode for a single character or keypad symbol. Press twice to toggle from Abc mode to FN mode. Press once more to return to Abc (abc) mode.
	Press to insert a space in a text entry.

Understanding the Display Screen

1. The top line of your phone's display usually contains icons that indicate network status, battery power, signal strength, connection type, and more.

Home screens, like this one, also show a downward pointing arrow head on this line. This indicates that touching this line opens the Home screen Shortcut Bar. (For more information, refer to “Shortcuts” on page 16.)

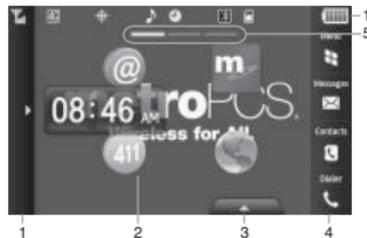
2. The center portion of the display shows Widgets, Weblinks, Shortcuts (**Clock**, **metro411**, **@metro**, **metroWEB**, and **metroSTUDIO** Widgets are shown here), and information



such as call progress information, messages, and photos.

3. Touching is tab opens the Widget tray, from which you can move additional Widgets onto a Home screen panel.
4. The bottom line of the display shows available shortcuts or buttons. The sample screen shows the following shortcuts:
 - **Dialer** — Launches the Dialer screen that lets you place calls.
 - **Contacts** — Launches the **Contacts** menu.
 - **Messages** — Launches the **Messages** menu.
 - **Menu** — Launches the Main Menu.
5. Three virtual lamps in the second line of the display indicate which Home screen is currently showing. The sample screen indicates Home screen 1 is showing.

With the QWERTY keypad open, the display rotates automatically from portrait mode (as shown above) to landscape mode (as shown here).



Display Screen Icons

Your r900 phone can show you definitions of the icons that appear on the top line of the display.

To access the [Icon Glossary](#):

- ▶ In Standby mode, tap **Menu** → **Settings** → **Phone Info** → **Icon Glossary**. A scrollable list of icons and their definitions appears in the display.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low battery. Dialogue boxes and their definitions are outlined below.

• Choice

- Example: “Save Message?”

• Reconfirm

- Example: “Erase All Messages?”

• Performing

- Example: “Sending...” “Connecting...”

• Completed

- Example: “Message Saved”

• Information

- Example: “New Message”

• Error

- Example: “System Error!”

• Warning

- Example: “Low Battery,” “Memory Full!”

Backlights

Backlights illuminate the display and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call and after the Backlight setting time, the display backlight dims for 30 seconds, then turns off to conserve battery power.

For more information, refer to “*Backlight*” on page 83.

Navigating the Home Screens

Your phone includes 3 Home screens. The screen indicator at the top of the Home screen shows the current Home screen position. To access hidden Home screens, swipe your finger across the screen.

Customizing Home Screens

You can customize your Home screens by adding Widgets, and by selecting wallpaper.

- **Placing Widgets** — For more information, refer to “*Placing Widgets*” on page 15.

- **Changing Wallpaper** — For more information, refer to “*Wallpaper*” on page 83.

Widgets

Widgets are icons that you can place on a Home screen to launch their respective menus or applications directly from that Home screen. Widgets are available in the Widget Bar. From the Widget Bar, you can touch and drag widgets onto any of the 3 Home screens.

Note: You can choose which Widgets appear in the Widget Bar. (For more information, refer to “*Widgets*” on page 81.)

Using the Widget Bar

Accessing the Widget Bar

1. In a Home screen, touch the Widget Bar tab. The Widget Bar displays on the left of the Home screen.
2. To hide the Widget Bar, tap the Widget Bar tab.



Navigating the Widget Bar

- ▶ Scroll through available widgets by sliding your finger up or down along the Widget Bar.

Placing Widgets

1. To **place** a widget, touch the Widget Tray to open it. Touch and hold on the widget, then drag it to the Home screen.
2. To **move** a widget on a Home screen, touch and hold on the widget until it activates, then drag it to a new location.
3. To **remove** a widget, touch the Widget Bar to open it, then touch and hold the widget and drag it to the Widget Tray.

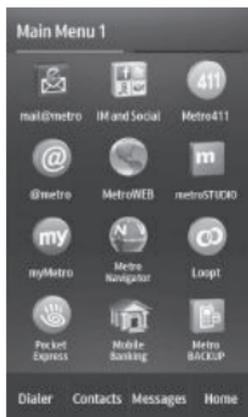
Tip: When you enable the **Widget Reset** setting under **Phone Settings** → **Gesture**, you can shake your phone to move all widgets placed on the current Home screen back to the Widget Tray. For more information, For more information, refer to “*Gesture*” on page 89.

Menus

Your phone's **Menus** are the starting point for launching applications and features.

Accessing the Menu

1. From a Home screen, touch **Menu**. **Main Menu 1** displays.
2. To move to **Main Menu 2**, touch and slide your finger across the screen to the left or right.



Shortcuts

Shortcuts are special icons that you can use to launch popular phone features. Shortcuts appear on the Shortcuts Bar, which is available at the top of the Home screens.

Accessing Shortcuts

1. Open the Shortcut Bar by touching the **Shortcut Bar** arrow in the top line of the Home screen display.



2. To close the Shortcut Bar, touch the screen or press the Clear Key .

Shortcuts

These shortcuts are available:



MetroWEB — Launches the metroWEB browser. For more information, refer to *“Web and Social Networking”* on page 46.



Music Player — Launches the Music Player. For more information, refer to *“Music Player”* on page 60.



Wi-Fi — Opens the Wi-Fi menu, to locate and join Wi-Fi networks. (For more information, refer to *“Wi-Fi”* on page 72.)



Bluetooth — Opens the Bluetooth menu, to locate and pair with other Bluetooth devices. (For more information, refer to *“Bluetooth”* on page 69.)

Your Phone's Modes

Call Answer Mode

You can choose to answer a call by pressing any key except the  key or  key or by pressing only the  key. (For more information, refer to *“Call Settings”* on page 84.)

Input mode

Input mode determines how you enter text, numbers, and symbols. While at any text entry screen, available input modes are:

- **3x4 touch keypad** — Touch , then choose **T9 Word, Abc, 123**, or **Symbols** from the pop-up menu.
- **QWERTY keypad** — Press  or press and hold  to select between **T9 Word, Abc**, and **Fn** modes.

(For more information, refer to “Entering Text” on page 12.)

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.

Entering Lock Mode

- ▶ In Standby mode, press the Lock Key ().

Exiting Lock Mode

- ▶ While in Lock mode, press and hold the Lock Key () until



the Standby mode screen displays.

(For more information, refer to “Change Lock Code” on page 86.)

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  after a call or from within a menu.

In Standby mode, you will see the time, day, and date as well as all phone status icons.

Place Calls in Standby Mode

1. In Standby mode, touch **Dialer**, enter a phone number, then press  to place a call.
2. Press  to return to Standby mode.

Receive Messages in Standby Mode

While your phone is in Standby mode, notification of new incoming messages automatically appears in the screen. Touch and slide the double-arrow button left or right to **View Now** or **View Later**.

Talk Mode

You can place and receive calls only when your phone is on. While in a call, your phone is in talk mode. A number of option buttons appear in the display. (For more information, refer to “*In-Call Options*” on page 24.)

Enter/Exit Silent Mode

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

Entering Silent Mode:

- ▶ In Standby mode, repeatedly press the Volume key () Down until “**Silence All**” appears in the display.

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

Exiting Silent Mode:

- ▶ While in Silent mode and Standby mode, repeatedly press the Volume key () Up until “**Silence All**” disappears from the display and the desired ringer value appears.

Vibrate Mode

- ▶ In Standby mode, repeatedly press the Volume key () down until “**Vibrate only**” appears in the display.

Adjust the Ringer

- ▶ In Standby mode, press the Volume key up or down to set the call ringer volume as desired. Options are:
 - **Silence All**
 - **Alarm Only**
 - **Vibrate Only**
 - **1 Beep**
 - **Low**
 - **Low/Medium**
 - **Medium**
 - **Medium/High**
 - **High**

Note: The Vibrate icon () appears in the display when the phone is in **Vibrate** mode. The No Ring icon () appears in the display when the phone is in **Silence All** mode.

Music Player Mode

The Music Player in your phone can play music files (MP3), but only if they are stored in the My Music folder on an optional microSD or microSDHC Memory Card.

Note: For more information, refer to “*Memory Card (Optional)*” on page 7.

• Entering Music Player Mode:

- In Standby mode, display the shortcut menu by touching the status bar at the top of the display, then touch ().
 - or –
- In Standby mode, touch **Menu** → **Main Menu 2** → **Music Player**.

Note: For more information, refer to “*Music Player*” on page 60.

- **Exiting Music Player Mode:** 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 53.)

- **Entering Camera Mode:**
 - In Standby mode, press the Camera key (.
 - In Standby mode, touch **Menu** → **Main Menu 2** → **Multimedia** → **Camera**.
 - In Camcorder mode, touch **Mode**.
- **Exiting Camera Mode:** Press .

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 53.)

- **Entering Camcorder Mode:**
 - In Standby mode, press the Camera key () (right side of phone), then touch **Mode**.

- In Standby mode, touch **Menu** → **Main Menu 2** → **Multimedia** → **Camcorder**.

- **Exiting Camcorder Mode:** Press .

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 or microSDHC Memory Card.

Note: For more information, refer to “*Memory Card (Optional)*” on page 7.

- **Entering Video Player Mode:**
 1. In Standby mode, touch **Menu** → **Main Menu 2** → **Multimedia** → **My Videos**.
 - or –
 - In camcorder mode, touch **Gallery**.A list of thumbnail images appears in the display.
 2. Tap the thumbnail icon to view the thumbnail images.
 3. Select the desired video. The Video Player screen appears in the display and begins playing the highlighted video.

Note: For more information, refer to “*My Videos*” on page 50.

Speakerphone Mode

Lets you use your phone handsfree and/or lets you share a call with other people nearby.

To enter Speakerphone Mode during a call:

- ▶ Touch **Speaker On**. The Speaker On icon changes to Speaker Off, and the other party can be heard through the speaker.

Caution: Keep the phone away from your ear while in Speakerphone Mode. For more information, refer to “*Responsible Listening*” on page 99.

To exit Speaker Mode:

- ▶ During a call using Speakerphone mode, touch **Speaker Off**. The Speaker Off icon changes to Speaker On and the other party cannot be heard through the speaker.

Emergency Mode

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 helps emergency operators to more easily dispatch aid.

- ▶ To exit Emergency Mode, power your phone off, then on again.

Note: For more information, refer to “*Dialing Emergency Numbers*” on page 21 and “*Emergency #*” on page 87.

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 Calls

Your phone offers multiple ways to make calls:

- Use the touch screen **Dialer** to enter a telephone or speed dial number.
- Use the **QWERTY keyboard** to enter a telephone or speed dial number. Calls with the QWERTY keypad are made automatically in Speakerphone mode.
- Call a contact from **Contacts**.
- Speed dial using **Favorites**.
- Return a call, or call a recent caller via the **Calls** logs.
- Voice dial with **Voice Commands**.

Making a Call using the Dialer

1. In a Home screen, touch **Dialer**. The touch keypad displays.
2. Enter the number you wish to call. (You can also open your phone and use the QWERTY keypad.)



3. Press  to place the call.

Dialing Emergency Numbers

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.

1. From Standby mode, touch **Dialer**.
2. Enter 911 using the touch keypad.
3. Press  to place the call.

Note: The emergency number 911 is preset into your phone, and you can dial 911 at almost any time, even when the phone is locked or restricted. You can specify other numbers than 911 as emergency numbers using the **Emergency #** settings. For more information, refer to “Emergency #” on page 87.

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

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

Making a Call from Contacts

You can store phone numbers and contact names in your phone's Contacts list. To call one of your contacts, do the following:

1. From Standby mode, touch **Dialer**. The touch keypad screen appears in the display.
2. Touch **Contacts**. The **Contacts** list appears in the display.
3. Touch  to place a call to the contact's default number.

Making a Call using Favorites

You can use Favorites to speed dial your Favorites' assigned 1- or 2-digit speed dial number.

Note: To use Favorites to dial contacts, you must enable Speed Dial in Phone Settings. For more information, refer to “*Speed Dial*” on page 85.

1. From Standby mode, touch **Dialer** to display the touch keypad.
2. Touch the digits of the Favorite number, holding down the last digit until the phone dials the phone number.

Example: For 1-digit Favorite numbers, touch and hold the digit.
For 2-digit Favorites, touch the first digit and hold the second digit.

Making a Call with Voice Commands

Your phone includes state-of-the-art voice recognition software that lets you dial numbers using your voice. Use Voice Commands to dial any number stored in your Contacts list by saying the name of the contact or the telephone number.

Tip: 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 it exactly how it appears in Contacts.

Dialing a Name

1. In Standby mode, press the Voice Recognition key () on the left side of the phone.
2. At the prompt “**Say a Command**”, say “**Call**”.
3. At the prompt “**Say the name or #**”, clearly say a contact name from your Contacts list, exactly as it appears.
4. If the name is recognized, Voice Commands repeats the name and dials the number.
5. If Voice Commands does not recognize the contact, it says “**Call?**” and a list of up to three names. Do one of the following:
 - Touch a name from the list.

- Say **"Yes"** to confirm the first name.
 - Say **"No"** to hear the next name.
 - Say **"Repeat"** to hear the names again.
 - Say **"Cancel"** to exit Voice Service without dialing.
6. If the contact has multiple numbers stored, Voice Commands displays the choices and prompts **"Which location?"** Say the number type, from **"Mobile 1"**, **"Mobile 2"**, **"Home 1"**, **"Work 1"**, or **"Fax 1"**.
 7. Voice Commands dials the number.

Dialing a Number

1. In Standby mode, press the Voice Recognition key (.
2. At the prompt **"Say a Command"**, say **"Call"**.
3. At the prompt **"Say the name or #"**, clearly speak a telephone number.
4. If Voice Commands recognizes the number, Voice Dial repeats and dials the number.
5. If Voice Commands does not recognize the number, it displays and prompts you with **"Call?"** followed by a list of up to three numbers. Do one of the following:
 - Press one of the number buttons.
 - Say **"Yes"** to confirm the first number.
 - Say **"No"** to hear the next number.

- Say **"Repeat"** to hear the numbers again.
- Say **"Cancel"** to exit Voice Commands without dialing.

Answering a Call

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

- A ringtone sounds and/or your phone vibrates (depending on your volume settings).
- 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).

Answering an Incoming Call

Your phone offers multiple ways to answer incoming calls:

- With the phone open or closed, touch **Answer**.
- With the phone open or closed, press .
- Slide phone open to answer the call in Speakerphone mode.

Tip: These are default settings. You can set your phone to answer calls automatically or when you press any key. For more information, refer to *"Call Settings"* on page 84.

Ignoring a Call

You can **Ignore** an incoming call, and forward it directly to voicemail:

- Touch **Ignore**.
- During an incoming call, press .

Silencing the Ringer

For an incoming call, you can silence the ringer before you answer or ignore the call:

- Touch **Silence**.
- Press the Volume Key () Up / Down.

Answering a Call-Waiting Call

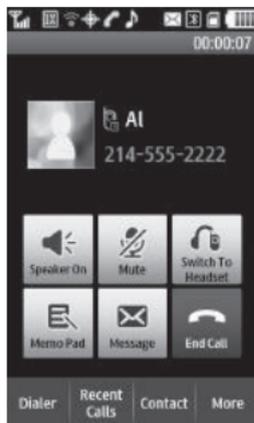
When you receive a call while already on a call:

- Press  to place the first call on hold and answer the new call.
- Press  again to return to the first call.

In-Call Options

While on a call, you can access menus and features:

- Touch **Speaker On / Speaker Off** to enable or disable Speakerphone mode.
- Touch **Mute** to disable your phone's microphone. Touch **Unmute** to enable the microphone.
- Touch **Switch to Headset** to switch the call's audio to a Bluetooth headset.
- Touch **Memo Pad** to enter a text note.
- Touch **Message** to launch the **Messages** menu.
- Touch **End Call** to end the call.



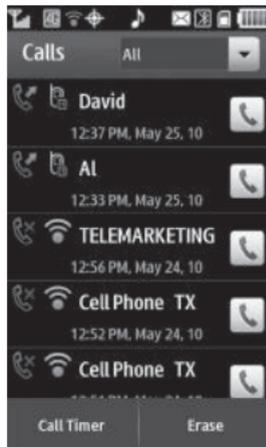
- Touch **Dialer** to open the Dialer to place another call for three-way calling.
- Touch **Recent Calls** to open the Calls list.
- Touch **Contact** to open the Contacts list to view or enter contact information.
- Touch **More** to access the following additional options:
 - Touch **Add Contacts** to save the phone number as a new Contact.
 - Touch **Update Existing** to add the phone number to an existing Contact.
 - Touch **Calendar** to launch the Calendar tool and review your schedule.
 - Touch **Send DTMF** to send your phone's digits as DTMF tones.

Calls Log

The Calls log retains information about Outgoing, Incoming, and Missed calls.

Accessing the Calls Log

1. From Standby mode, touch **Dialer**, then touch .
 - or –From Standby mode, touch **Menu** → **Main Menu 2** → **Recent Calls**.



2. Choose a type of log:
 - **All** — All calls made or received by your phone.
 - **Missed** — Incoming calls that you did not answer.
 - **Incoming** — All calls received by your phone, including missed calls.
 - **Outgoing** — All calls made by your phone.

Note: For calls to or from a contact, the Contact name appears in the Calls log instead of the phone number.

3. While viewing a list of calls, use these options:
 - Touch **Call Timer** to view total times for all types of calls.
 - Touch **Erase** to delete unlocked call record(s).
4. Touch a call record to view its details. While viewing a call record, you have these options:
 - Touch  to return a call to the phone number.
 - Touch  to send a Text, Picture or Video message to the phone number.
 - Touch  to save the phone number as a contact.
 - Touch **Lock / Unlock** to lock the call record to prevent deletion, or **Unlock** to remove protection.
 - Touch **Erase** to delete selected or All unlocked call records.

Making a Call from the Calls Log

1. From Standby mode, touch **Dialer**, then touch .

2. Find a call in the **Calls** logs, then touch  to dial the phone number.

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 may also consume additional battery power. Contact your Wireless Provider for more information about Roaming.

You can choose settings to control how, and whether your phone roams. For more information, refer to “*System Select*” on page 88.

Section 4: Understanding Your Contacts

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

Your Contacts list can store up to 2000 entries, with each contact having up to five phone numbers, e-mail addresses, and picture ID. Contacts also provides access to powerful features such as Groups, speed dialing via Favorites, and sending contact information over Bluetooth connections (as a Name Card).

Each phone number can be up to 48 digits in length, including hard pauses. Contact names can be up to 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.

Accessing Contacts

- ▶ From Standby mode, tap **Contacts**.

Tip: You can also access **Contacts** from either **Main Menu** by tapping **Contacts**.

Note: Unless otherwise specified, instructions in this section use the QWERTY keyboard.

Adding a New Contact

1. From Standby mode, tap **Contacts** → **New Contact**.
2. Touch the **Picture ID** field, then touch an option to add a picture to identify this contact:
 - **My Images** — Choose a picture from My Images.
 - **Take Picture** — Launch the Camera to take a new picture.
3. Touch the **Name** field to enter a name for the contact (required). (For more information, refer to “*Entering Text*” on page 12.)
4. Touch the **Mobile 1**, **Mobile 2**, **Home**, **Work**, or **Fax** fields, to enter phone numbers for the contact.

Note: You must enter at least one phone number or e-mail address for each contact.

5. Continue touching fields to enter additional information for the contact, if needed. When you're finished with a field, touch **Done**.
6. When you're finished entering information, touch **Save**.

Adding a New Contact from Calls

Save a telephone number from a recent call as a new contact.

1. From Standby mode, press  to launch **Calls**.
2. Touch a call to view its details, then touch  → **Add New Contact**.

Tip: You can also add a new contact right after a call, by touching **Save** → **Add New Contact**.

3. Choose the type of number, from **Mobile 1**, **Mobile 2**, **Home Work**, or **Fax**.
4. Touch fields to enter additional information for the contact, if needed. When you're finished with a field, touch **Done**.
5. When you're finished entering information, touch **Save**.

Adding a New Contact from the Dialer

Enter a telephone number, then save it as a new contact.

1. From Standby mode, touch **Dialer** to launch the Dialer.
2. Enter the telephone number, then touch **Save** → **Add New Contact**.
3. Choose the type of number, from **Mobile 1**, **Mobile 2**, **Home Work**, or **Fax**.
4. Touch fields to enter additional information for the contact, if needed. When you're finished with a field, touch **Done**.

5. When you're finished entering information, touch **Save**.

Editing a Contact

Make changes to an existing contact.

1. From Standby mode, touch **Contacts**.
2. Find the contact in the Contacts list, then touch the contact to view its details. For more information, see *"Finding a Contact"* on page 28
3. Touch **Edit**.
4. In the **Edit Contact** screen, touch fields to enter information for the contact. When you're finished with a field, touch **Done**.
5. When you're finished editing the entry, touch **Save**. Your changes are saved and a confirmation message appears in the display.

Editing a Contact from the Dialer

Enter a telephone number, then save it to an existing contact.

1. From Standby mode, touch **Dialer** to launch the Dialer.
2. Enter the telephone number, then touch **Save** → **Update Existing**.
3. Find the contact in the Contacts list, then touch the contact to view its details.

4. Choose the type of number, from **Mobile 1**, **Mobile 2**, **Home**, **Work**, or **Fax**.
5. Touch fields to enter additional information for the contact, if needed. When you're finished with a field, touch **Done**.
6. When you're finished entering information, touch **Save**.

Editing a Contact from Calls

Save a telephone number from a recent to update an existing contact.

1. From Standby mode, press  to launch **Calls**.
2. Touch a call to view its details, then touch  → **Update Existing**.

Tip: You can also add a new contact right after a call, by touching **Save** → **Update Existing**.

3. Find the contact in the Contacts list, then touch the contact to view its details.
4. Choose the type of number, from **Mobile 1**, **Mobile 2**, **Home**, **Work**, or **Fax**.
5. Touch fields to enter additional information for the contact, if needed. When you're finished with a field, touch **Done**.
6. When you're finished entering information, touch **Save**.

Erasing a Contact

Remove a contact record, or all contacts, from your Contacts list.

1. From Standby mode, touch **Contacts**.
2. Touch **Erase**.
3. Find the Contact in the Contact list, then touch the checkbox to mark it for erasure. To erase all contacts, touch **Select All**.
4. Touch **Done**.
5. At the prompt, touch **Yes** to confirm the erasure.

Finding a Contact

Find a contact by entering a few characters of the contact's name.

Note: You can also find contacts using the **Lookup** voice command. (For more information, refer to "Voice Service" on page 66.)

1. From Standby mode, open the phone and enter the first few characters of the contact's name on the QWERTY keyboard.
— or —
Touch **Contacts**, then enter the first few characters of the contact's name.

2. As you enter characters, the screen updates to display matching contacts. While viewing the contact list, use these options:
 - Touch the contact to view its details.
 - Touch  to call the contact.
 - Touch  to send a new Text, Picture or Video Message to the contact.

Adding Pauses to Contacts Numbers

Calls to automated systems can require you to enter numbers to navigate menus, or to enter a password or account number. You can store phone numbers with special pause or wait characters, to make these types of calls easier.

Tip: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses equal four seconds. Remember that pauses count as digits towards the 48-digit maximum length.

1. In a Home screen, touch **Contacts**.
2. Add a new contact, or edit an existing contact. (For more information, see *“Adding a New Contact”* on page 26, or *“Editing a Contact”* on page 27.)
3. While entering a telephone number, touch **Pause**, then touch:

- **Add 2-Sec Pause** — Stops the dialing sequence for two seconds, then automatically dials the remaining digits. A “p” appears in the field to indicate the pause.
 - **Wait** — Stops the dialing sequence, waiting for input from you. A “w” appears in the field to indicate the wait.
4. When you’re finished with a field, touch **Done**.
 5. When you’re finished entering information, touch **Save**.

Favorites

Favorites allows you to assign contacts to 1- or 2-digit numbers, which you can dial to quickly call the contact.

Note: Favorite 1 is assigned by default to **Voicemail**, and cannot be changed.

Accessing Favorites

- ▶ In a Home screen, touch **Contacts**, then touch **Favorites** from the list at the top of the **Contacts** screen.

Note: You can also access **Favorites** from the **Dialer**, by touching **Favorites**.

Assigning a Favorite Number

1. In Standby mode, touch **Dialer**, then touch **Favorites**. The **Favorites** list appears in the display.
2. Select a **Favorite** number.
3. From the list of contacts, touch a contact to assign it to the Favorite number. (For more information, refer to “Finding a Contact” on page 28.)



Editing Favorites

1. From Standby mode, touch **Contacts**, then touch **Favorites** from the list at the top of the **Contacts** screen.
2. To change a favorite, touch **Change Order**, then touch and drag a Favorite to a new number.
3. To remove a favorite, touch **Remove**, then touch Favorites to mark them for removal, or touch **Select All** to remove all Favorites. Touch **Done** to remove the Favorite(s).

Using Favorites

You can use Favorites to call a favorite, or send a new message to the favorite.

1. From Standby mode, touch **Contacts**, then touch **Favorites** from the list at the top of the **Contacts** screen.
2. Touch a favorite, then touch an option:
 - **Call** — Dial the default number for the favorite.
 - **New Message** — Create a new Text, Picture or Video message to send to the favorite.
 - **View** — Show the information for the Contact assigned to this Favorite.
 - **Re-assign** — Change the current Contact assignment for this Favorite.
 - **Delete** — Remove the current Contact assignment from this Favorite.

Groups

You can assign contacts to categories, called Groups, to make searching your contacts faster, or to quickly send a message to group members.

Accessing Groups

- ▶ From Standby mode, touch **Contacts**, then touch **Groups** from the list at the top of the **Contacts** screen.

Note: You can also access **Groups** from the **Dialer**, by touching **Groups**.

Adding a New Group

1. From Standby mode, touch **Contacts**, then touch **Groups** from the list at the top of the **Contacts** screen.
2. Touch **New Group**, then enter a name for the new group, up to 32 characters. (For more information, refer to “*Entering Text*” on page 12.)
3. Touch **Done** to save the new group.

Renaming a Group

1. From Standby mode, touch **Contacts**, then touch **Groups** from the list at the top of the **Contacts** screen.
2. Touch **Rename Group**, then touch a group name.
3. Enter a new name for the group, up to 32 characters. (For more information, refer to “*Entering Text*” on page 12.)
4. Touch **Done** to save the group with the new name.

Assigning Contacts to Groups

You can assign a contact to a Group when you create or edit the contact, or add multiple contacts to a Group at one time.

1. From Standby mode, touch **Contacts**, then touch **Groups** from the list at the top of the **Contacts** screen.
2. From the list of groups, touch the group, then touch **Add Members**.

3. Touch contacts to mark them for addition to the group. For more information about finding contacts, see “*Finding a Contact*” on page 28.
4. When you’re finished selecting contacts for the group, touch **Done** to assign the contacts to the group.

Name Cards

Name Cards act as virtual business cards that you can send to other Bluetooth devices.

Note: Your phone supports sending multiple Name Cards at one time over a Bluetooth connection.

Sending a Name Card by Bluetooth

1. From Standby mode, touch **Contacts** → **Send Name Card**.
2. Touch the checkbox beside contact(s) to select them for sending, or touch the **Select All** checkbox, then touch **Done**.
3. Continue to turn on Bluetooth and send to a paired Bluetooth device. (For more information, refer to “*Bluetooth*” on page 69.)

Memory

Memory provides details about your contacts.

1. From Standby mode, touch **Contacts**, then touch **Memory** from the list at the top of the **Contacts** screen.
2. On the **Memory Status** screen, view these details:
 - **Total** — Number of contacts allowed.
 - **Saved contacts** — Number of contacts you have saved.
 - **Available** — Number of contacts available.

Section 5: Messaging

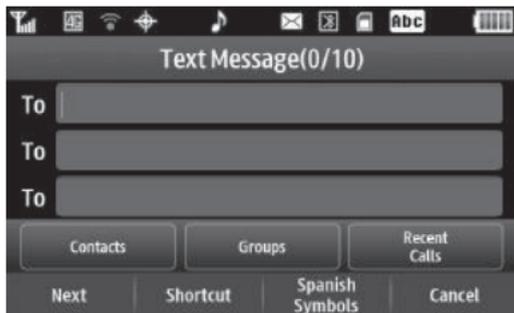
This section explains how to create, send, receive, and view different types of messages. This section also describes the features and functionality associated with messaging.

Types of Messages

Your phone can send and receive:

- Text Messages
- Picture Messages
- Video Messages
- Mobile IMs
- Email

Creating and Sending Text Messages



1. Open the QWERTY keypad.

2. In a Home screen, touch **Messages** → **Send Message** → **Text Message**. The **Text Message** screen appears in the display showing the **To** list.
3. Address your message by selecting contacts and/or entering number(s) or e-mail address(es) of message recipient(s):
 - To select a mobile number or e-mail address using your Contacts list, touch **Contacts**. The **Contacts** screen appears in the display. (For more information, refer to *"Finding a Contact"* on page 28.)
Select a Contact entry. A check mark appears in the entry's check box.
To add the selected Contact to the **To** list, touch **Done**. The **Text Message** screen appears in the display showing the populated **To** list.
 - To enter recipient phone number(s) or e-mail address(es), select an empty **To** field and enter a phone number or e-mail address.
 - To select members of a Contacts Group as recipients, touch **Groups**. The **Add Groups** screen appears in the display.
 - Select the desired Group. The list of Contacts in the selected Group appears in the display.
 - Select individual Contacts. Check marks appear in the check boxes for the selected Contacts. (For more information, refer to *"Entering Text"* on page 12.)
 - Touch **Done**. You are returned to the **To** list.

- To select a phone number from a Recent Call as a recipient, touch **Recent Calls**. The **Add Recent Call** screen appears in the display.
 - Select individual calls. Check marks appear in the check boxes for the selected calls.
 - Touch **Done**. You are returned to the **To** list.
- 4. When you are finished addressing your message, touch **Next**. The **Text** field appears in the display.
- 5. Enter the text for your message. (For more information, refer to “*Entering Text*” on page 12.)
 - To use pre-composed text, touch **More → Add Quick Text**, then select the desired Quick Text to add to your message.
- 6. If you have finished your text message, you can send it by touching **Send**.
 - Before sending your text message, you can change or add recipients to your message by touching **Edit Send To**.
 - In stead of sending your text message, you can save this text message for future re-use by touching **Save As Draft**. The message is saved and you are returned to the **Messages** menu.
 - Before sending your text message, you can set message send options by touching **More → Sending Options**. (For more information, refer to “*Message Settings*” on page 42.)

Creating and Sending a Picture Message

1. Open the QWERTY keypad.
2. In Standby mode, touch **Messages → Send Message → Picture Message**. The **Picture Message** screen appears in the display showing the **To** list.
3. Address your message as you would a Text message. For more information, see “*Creating and Sending Text Messages*” on page 33
4. When you are finished addressing your message, touch **Next**. The **Picture Message** screen appears in the display.
5. If desired, select the **Subject** field.
6. Enter the Subject text. (For more information, refer to “*Entering Text*” on page 12.)
 - To use pre-composed text, touch **More → Add Quick Text**, then select the desired Quick Text to add to your message.
7. If desired, repeat steps 4 and 5 for the **Text** field.
8. To add a picture to the message, select the **Picture** field. You are prompted to Take a Photo or to add a photo from the My Images folder.
 - To activate the phone's camera and take a new picture, select **Take Photo**. (For more information, refer to “*Camera-Camcorder*” on page 53.) Once you've take a photo, touch **Add**.
 - To access your photo gallery, select **My Images**. With pictures in the gallery, a list of thumbnail images appears in the display. Select the desired photo and touch **Add**.

You are returned to the **Picture Message** screen which is populated with the selected photo in the **Picture** field.

9. If desired, you can add a sound file to accompany the picture by selecting the **Sound** field.
 - To record a sound file to add to this message, touch **Record New**.
 - To add an existing sound file, select a preferred file from a list of available sound files.

You are returned to the **Picture Message** screen which is populated with the selected sound file in the **Sound** field.

10. To send your finished message, touch **Send**.
 - To change or add recipient(s), touch **Edit Send To**.
 - To preview your Picture message as the recipient(s) will see it, touch **Preview**.
 - Before sending your Picture message, you can set message send options by touch **More** → **Sending Options**.
 - To make changes to your message, press .

Send Picture Messages in Camera Mode

Picture messages can be sent from your phone's camera to recipients with compatible phones or devices. You can even accompany a picture with a voice memo or preloaded sound file.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **To** field of the **Picture Msg** screen.

1. From Standby mode, press the Camera key (). The camera viewfinder screen appears in the display.
2. Using the display as a viewfinder, when the image that you wish to send appears in the display, press the Camera key () to take a picture.

Note: For more information, refer to “*Camera-Camcorder*” on page 53.

3. Touch **Send**. If necessary, the phone resizes your picture for sending, then the **Picture Msg** screen appears in the display showing the **To** list.
4. Open the QWERTY keypad.
5. Address your message as you would a Text message (see “*Creating and Sending Text Messages*” on page 33).
6. When you are finished addressing your message, touch **Next**. The **Picture Msg** fields screen appears in the display with your new picture populating the **Picture** field.
7. To complete and send your message, refer to steps 4 – 9 of “*Creating and Sending a Picture Message*” on page 34.

Creating and Sending a Video Message

1. Open the QWERTY keypad.
2. From Standby mode, touch **Messages**, then select **Send Message** → **Video Message**. The **Video Msg** screen appears in the display showing the **To** list.

- Address your message as you would a Text message (see “*Creating and Sending Text Messages*” on page 33)
- If desired, select the **Subject** field.
- Enter the Subject text. (For more information, refer to “*Entering Text*” on page 12.)
 - To use pre-composed text, touch **More** → **Add Quick Text**, then select the desired Quick Text to add to your message.
- If desired, repeat steps 3 and 4 for the **Text** field.
- To add a video clip to the message, select the **Video** field. You are prompted to Take a Video or to add a video clip from the **My Videos** folder.
 - To activate the phone's camcorder and record a new video clip, select **Take Video**. Once you've recorded a video clip, touch **Add**.
 - To access your video gallery, select **My Videos**. With video clips in the gallery, a list of thumbnail images appears in the display. Select the desired video clip and touch **Add**.You are returned to the **Video Msg** screen which is populated with the selected video clip in the **Video** field.
- Before sending your Video message, you can set message send options by selecting **More** → **Sending Options**.
- To preview your Video message as the recipient(s) will see it, touch **Preview**.
 - To make changes to your message, press .
- To send your finished message, touch **Send**.

Send Video Messages in Camcorder Mode

Video messages can be sent from your phone's camcorder to recipients with compatible phones or devices.

Tip: You can send a Video message to up to ten recipients. Enter each recipient's address or phone number in a separate **To** field of the **Video Msg** screen.

- In Standby mode, press the Camera key (). The camera viewfinder screen appears in the display.
- Touch **Mode**. The camcorder viewfinder screen appears in the display.
- Touch **Recording Mode**. Select the **Video Msg** option.

Note: For more information about setting camcorder options in your phone, see “*Camera Screen*” on page 56.

- Using the display as a viewfinder, when the image that you wish to send appears in the display, press the Camera key () to record a video. The time counter at the bottom of the Camcorder viewfinder screen indicates recording time in seconds.
- To end your video clip, touch **Stop** ().
- Touch **Send** (). The **Video Msg** screen appears in the display showing the **To** list.

7. Address your message as you would a Text message (see “*Creating and Sending Text Messages*” on page 33)
8. When you are finished addressing your message, touch **Next**. The **Video Msg** fields screen appears in the display with your new video populating the **Video** field.
9. To complete and send your message, refer to steps 3 – 10 of “*Creating and Sending a Video Message*” on page 35.

Sending Options

You can set priority, validity, and other options before you send a message. Which options appear in the Sending Options list depends on what type of message you have composed and what message field you have highlighted.

1. After you’ve composed a Text, Picture, or Video message, select **More** → **Sending Options**. The following options appear in the display:
 - **Priority Level** — Lets you assign a **High**, **Normal**, or **Low** (pic/video messages only) priority to the message.
 - **Validity Date** — Lets you enter the date when this message will no longer be available to the recipient. When your specified date passes, your message is recalled.
 - **Validity Time** — Lets you enter a time when this message will no longer be available to the recipient. When your specified time passes, your message is recalled.

- **Delivery Ack** — Set to **On** to be alerted when your message is received by the addressee.
2. Select any desired options and values for those options.
 3. To save your settings, touch **Done**.

Receiving New Messages

When you receive a message in Standby mode, one of the following occurs:

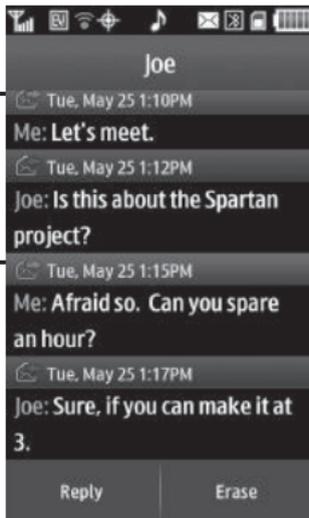
- **If Text Msg Auto View and/or Picture/Video Msg Download are set to On** — An alert sounds (unless turned off) and the message text automatically appears in the display and scrolls slowly to the end of the message. (For more information, refer to “*Message Settings*” on page 42.)
 - **If Text Msg Auto View and/or Picture/Video Msg Download are set to Off** — An alert sounds (unless turned off) and a **New Message** notification appears in the display along with the closed envelope icon (). The date and time of the message and the following options also appear in the display:
 - **View Now** — Opens the message where you have the option to Reply, Forward, Erase, Add To Contacts, Lock/Unlock, Save Quick Text, Copy Text, Save Attached Files, or Message Info.
 - **View Later** — Closes the popup and saves the message to your inbox where you can view it later.
- Select the desired option.

Receive Messages in Chat View

Note: To use Chat View, you must set the Messages → Message Settings → Text Msg View Mode setting to **Chat**. (For more information, refer to “Message Settings” on page 42.)

When you exchange a series of text messages with a single Contact or number, you can view your incoming messages and your sent messages as if they were a “chat session”.

1. View your incoming text message(s) in Auto View or View Now mode. (For more information, refer to “Receiving New Messages” on page 37.) The **Chat With** screen appears in the display.
 -  indicates an incoming text message.
 -  indicates an outgoing text message.
2. You have the following available options:
 - To answer the latest incoming text message, touch **Reply** and enter your answering text.



Note: Only text messages appear in the **Chat With** screen.

- To erase selected or All messages listed in the **Chat With** screen, touch **Erase**.
- To view details about the last message in the Messages screen, touch the message.
 - If the message was received, the **Inbox** screen appears listing message text and the time and date the message was received, and the **Reply**, **Forward**, and **Erase** options are available.
 - If the message was sent, the **Outbox** screen appears listing message text and the time and date the message was received, and the **Resend**, **Forward**, and **Erase** options are available.
- To access additional options, touch **More**:
 - **Add to Contacts** — Adds the originator of an incoming text message to your Contacts list.
 - **Lock/Unlock** — Blocks/permits deletion of the message currently shown in the display.
 - **Save Quick Text** — Save the message text as a Quick Text entry for later reuse.
 - **Copy Text** — Copy the text of this message for one time reuse.
 - **Message Info** — Shows the Originator, date and time, Callback #, Priority, message Type, and message Size.

Receive Messages While in a Call

When you receive a message while in a call, one of the following occurs:

- **If Text Msg Auto View and/or Picture/Video Msg Download are set to On** — An alert sounds (unless turned off) and the message text automatically appears in the display and scrolls slowly to the end of the message. (For more information, refer to “*Message Settings*” on page 42.)
- **If Text Msg Auto View and/or Picture/Video Msg Download are set to Off** — An alert sounds (unless turned off) and a **New Message** notification appears in the display along with the closed envelope icon (). The date and time of the message and the following options also appear in the display:
 - **View Now / Play now? Yes** — Opens the message where you have the option to Reply, Forward, Erase, Add To Contacts, Lock/Unlock, Save Quick Text, Save Attached Files, Copy Text, or Message Info.
 - **View Later / Play now? No** — Closes the popup and saves the message to your inbox where you can view it later.Select the desired option.

Voicemail

Voicemail allows callers to leave voice messages in your voice mailbox, and lets you review, play, and delete your voice messages any time you are in your Wireless Provider’s network coverage area.

Voice Mail Setup

Before callers can leave voice mail messages, you must first set up your account.

Checking your Voicemail

1. In Standby mode, touch **Dialer**, then touch and hold  until you’re connected to your Wireless Provider’s voicemail system. A recorded message prompts you for a password.
2. Enter your password, then follow the recorded prompts, to listen to your voice message(s), change administrative options, and so on.

Tip: You can also access your voice mail by selecting an entry in the Voicemail folder.

Message Folders

Inbox

Received messages of all types (except Voicemail) are stored in the Inbox.

1. In Standby mode, touch **Messages**, then select **Inbox**, to open the Inbox folder.
2. To delete one or more messages, touch **Erase**, select the message(s) to be deleted, then touch **Done**.
3. To view a message, select it, then do one of the following:

- To compose and send a message to the sender of the message, touch **Reply**, then select the type of message you wish to compose: Text, Picture, or Video.
- To forward the message to other recipients, touch **Forward**.
- To delete the message, touch **Erase**, then touch **Yes**.
- To access other options, touch **More**. The following options appear in the display:
 - **Add To Contacts** — Lets you add the sender's number or Email address to your Contacts list.
 - **Lock / Unlock** — Blocks or allows erasure of the message.
 - **Save Quick Text** — Saves the message text as a Quick Text entry.
 - **Copy Text** — Copy the text of this message for one time reuse.
 - **Message Info** — Lets you display status information about a message.

Select an option to perform the function for that option.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code. (For more information, refer to “*Lock Phone*” on page 86.)

Outbox

Your phone stores outgoing messages in the Outbox, regardless of whether the message was successfully sent to, or received by, the addressee.

Tip: Verify whether and when a message or e-mail was successfully received by enabling the **Delivery Ack** message send option. (For more information, refer to “*Send Picture Messages in Camera Mode*” on page 35)

1. In Standby mode, touch **Messages**, then select **Outbox**. A list of your outgoing messages appears in the display.
2. To delete one or more messages, touch **Erase**, select the message(s) to be deleted, then touch **Done**.
3. To view a message, select it, then do one of the following
 - To re-send the message to the original recipient(s), touch **Resend**.
 - To forward the message to other recipients, touch **Forward**.
 - To delete the message, touch **Erase**, then touch **Yes**.
 - To access other options, touch **More**. The following options appear in the display:
 - **Add To Contacts** — Lets you add the sender's number or Email address to your Contacts list.
 - **Lock / Unlock** — Blocks or allows erasure of the message.
 - **Save Quick Text** — Saves the message text as a Quick Text entry.
 - **Copy Text** — Copy the text of this message for one time reuse.
 - **Message Info** — Lets you display status information about a message.

Select an option to perform the function for that option.

Drafts Folder

Messages in the Drafts folder are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

1. In Standby mode, touch **Message**, then select **Drafts**. A list of your draft messages appears in the display.
2. To delete one or more messages, touch **Erase**, select the message(s) to be deleted, then touch **Done**.
3. To view a message, select it, then do one of the following
 - To send a message to the original recipient(s), touch **Send**.
 - To change the message and/or the recipients, touch **Edit**.
 - To delete this messages touch **Erase**.
 - To access other options, touch **More**. The following options appear in the display:
 - **Add To Contacts** — Lets you add the sender's number or Email address to your Contacts list.
 - **Lock / Unlock** — Blocks or allows erasure of the message.
 - **Save Quick Text** — Saves the message text as a Quick Text entry.
 - **Copy Text** — Copy the text of this message for one time reuse.
 - **Message Info** — Lets you display status information about a message.

Select an option to perform the function for that option.

Voicemail

New voice messages in your voice mailbox are logged in the Voicemail folder of the Messages menu. Open the Voicemail folder to view the Callback # (if available), Urgency, and other details of new voicemail messages.

1. In Standby mode, touch **Messages**, then select **Voicemail**. A Voicemail status screen indicating the number of new messages in your voice mailbox, their urgency, and any callback numbers appears in the display.
2. Touch **Call** or touch  to call your voice mailbox and listen to your voice messages.

Note: You can also dial your voice mailbox from Standby mode by touching **Dialer**, then touching and holding .

Erasing Messages

You can erase all of the messages in each/all of your message folders from one convenient location.

Note: This function erases all messages in a selected message folder or in all message folders. To delete a single message, from the **Messaging** menu, select the message folder where the message to be deleted is stored, select the message in the list, and touch **Erase**.

1. In Standby mode, touch **Messages**, then select **Erase Messages**. The following options appear in the display:
 - **Erase Inbox** — Lets you delete all messages from your Inbox.
 - **Erase Outbox** — Lets you delete all messages from your Outbox.
 - **Erase Drafts** — Lets you delete all draft messages from the Drafts folder.
 - **Erase All** — Lets you delete all messages from all message folders.
2. Select the folder(s) containing the messages that you wish to delete. You are prompted to confirm the erasure of all messages in the folder(s).
 - If all messages in the selected folder(s) have been read, **Yes** and **No** options are available.
 - If some messages in the selected folder(s) are unread, **Including Unread** and **Except Unread** options are available.
3. To cancel deleting any messages, touch **No** or . Touch **Except Unread** to keep all unread messages.
4. To delete all messages from the selected folder, touch **Yes** or **Including Unread**.

Message Settings

The Message Settings let you customize messaging to suit your preferences.

1. In Standby mode, touch **Messages**, then select **Message Settings**. The **Message Settings** screen appears in the

display listing the following options:

- **Auto Save Outbox** — Automatically save unsent messages to the Outbox folder (On), discard them (Off), or to Prompt you to elect to save/discard unsent messages.
- **Auto Erase Inbox** — Automatically erase (On) or prompt you to (Off) delete the oldest read messages after message memory is full and new messages are received.
- **Text Msg Auto View** — Set your r900 to Display your incoming text messages automatically when they're received or to prompt you whether to view them now or later.
- **Picture/Video Msg Download** — When set to **Auto**, your r900 automatically downloads Picture and Video messages to your Inbox folder when they are received. When set to **Manual**, you are prompted to select whether to download the message now or later.
- **Quick Text** — Lets you change pre-composed text or compose text for addition to your outgoing messages.
- **Entry Mode** — Lets you set the default text **Entry Mode** [T9 Word, Abc/ABC, or 123 for composing message text.
- **Voicemail Number** — Lets you update your Voicemail access number.
- **Callback Number** — Lets you disable (Off), enable (On), and update the callback number that can be inserted in outgoing messages.
- **Signature** — Lets you disable (Off), enable (On), and update the text signature that can be inserted in outgoing messages.

- **Text Msg View Mode** — Set r900 messaging to display incoming text messages one at a time (Normal view) or to display text messages (outgoing and incoming) in a Chat-style view.
2. Select any desired options and settings for those options. You settings are saved automatically.
 3. To return to the **Message Settings** menu, press .

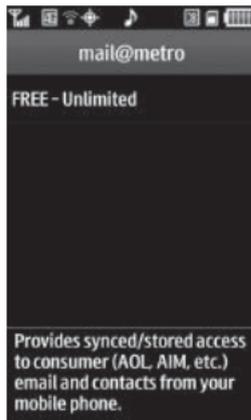
mail@metro

You can use your phone to access your personal or business e-mail account(s).

1. In Standby mode, touch **Menu** → **Main Menu 1** → **mail@metro**.

If mail@metro is not present on your phone, the @metro Mobile Shop catalog screen appears in the display, as shown. (For more information, refer to “@metro and Applications” on page 44.)

2. Select **mail@metro** → **Free-unlimited**. The mail@metro application downloads and installs on your phone. You are prompted to confirm that you want to run the mail@metro application.



3. To run the mail@metro application, touch **Yes**. After installation, the mail@metro **Setup Welcome!** screen appears in the display.
4. Follow the prompts that appear in the display to setup your phone to access an e-mail account.



Section 6: @metro and Applications

Your phone includes special applications, which are pre-loaded or downloadable to your phone. These applications include:



mail@metro — Access your personal and/or business e-mail account(s) using your phone. Available from **Main Menu 1**, or from the Widget Tray.



IM and Social — Access your personal Instant Messaging account(s) and social network web site account(s) using your phone. Available from **Main Menu 1**.



Metro411 — Access directory assistance service. Available from **Main Menu 1**, or from the Widget Tray.



@metro — Browse and download new apps for your phone. Available from **Main Menu 1**, or from the Widget Tray.



MetroWEB — Launch your phone's built-in web browser. Available from **Main Menu 1**, or from the Widget Tray.



MetroSTUDIO — Access your Wireless Provider's online applications store.



My Metro — Access your Wireless Provider's online customer support. Available from **Main Menu 1**, or from the Widget Tray.



MetroNavigator — Access maps and driving directions. Available from **Main Menu 1**, or from the Widget Tray.



Loopt — Access and share social network maps indicating locations of friends, selected locations and events, directions to selected locations and events.



MetroBACKUP — Store a copy of your Contacts on your Wireless Provider's server. Available from **Main Menu 1**, or from the Widget Tray.



Pocket Express — PLACEHOLDER. Available from **Main Menu 1**, or from the Widget Tray.



Mobile Banking — Access your bank account using your phone. Available from **Main Menu 1**, or from the Widget Tray.

@metro

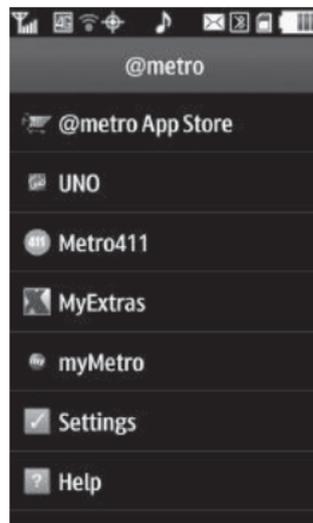
@metro lets you download multimedia, applications, games, and check news and sports.

Finding Applications

With @metro, you can download full featured applications over the air including games, personalized ring tones, pictures, and more.

1. In Standby mode, touch **Menu**, then select **Main Menu 1** → **@metro**.

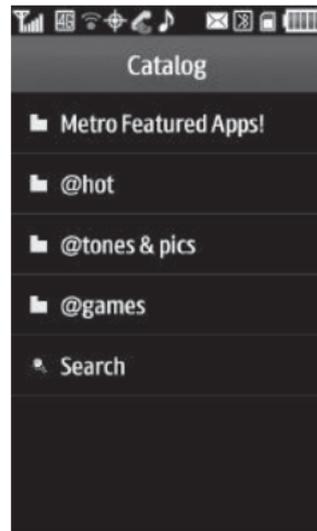
The **@metro** screen appears in the display.



2. Select **@metro App Store**. Touch and swipe the menus to browse or search for, purchase, and download applications.

When you download an application, you are returned to the @metro screen which now lists the newly downloaded application.

3. Select the application to launch it.



Note: Some applications do not support the touch screen. Refer to the instructions for particular applications.

4. Press  to exit the menu.

Section 7: Web and Social Networking

MetroWEB

This section outlines how to launch MetroWEB, how to navigate to other pages on the web, how the keys on the keypad are used with the web application, and how to use your phone to quickly and easily access social networking web sites (Communities).

MetroWEB Features

With MetroWEB, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch MetroWEB, your phone connects to the Internet and the data service icon () or the Wi-Fi service icon () appears in the display.

Stored Web Content

MetroWEB ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching MetroWEB

1. In Standby mode, touch **Menu**, then select **MetroWEB**.

The MetroWEB screen appears in the display in landscape mode. A list of categories (each representing one or more web sites) appears in the display.



2. Select the desired category, to enter the category list.

Exit MetroWEB

- ▶ To exit **MetroWEB**, press .

Using MetroWEB

MetroWEB presents on-screen items in any of the following ways:

- Text or numeric input.

Note: When entering text in a web page field, MetroWEB limits you to using the QWERTY touch keypad.

- Links (embedded in content).
- Numbered options (some may not be numbered).
- Simple text.

You can act upon options or links by selecting them.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside brackets ([]). You can normally select a link.

How MetroWEB Buttons Work

When you touch  in the MetroWEB screen, two control bars appear. The following buttons appear in the MetroWEB control bars.



Search — Lets you search for web pages containing specified text (Google™ search) or locate specified text on the current web page (text search).



Back — Displays the previously viewed web page, if any.



Forward — Displays the previously viewed web page, if any.



Refresh — Reloads and displays the current web page.



Manage Tabs — Lets you open additional web pages as tabs, swap between them, and close the tabs.



Expand — Removes the control bars, allowing the web page to fill the display.



Add to Favorites — Lets you save the address and title of the current web page to your favorites list.



Favorites — Displays and lets you select from a list of web sites you have saved as your favorites.



Home — Loads and displays the web page designated as your “home page”.



More Options — Pops-up **Home**, **Show URL**, **Enter URL**, **Favorites**, **Find on Page**, and **Search Web** options.



Press to exit MetroWEB and return to Standby mode.

Social Networking (Communities)

You can use your R900 to simply and quickly access social networking web sites. Your phone also provides quick and easy means of uploading content (such as photos) to these sites. (For more information about available social networking web sites, contact your Wireless Provider.)

1. From a Home screen, select **Menu** → **Main Menu 2** → **Multimedia** → **Communities**.

- If this is the first time you have selected the **Communities** option, you must setup access to your social network sites. As a first step in the setup process, a **Disclaimer** screen appears in the display.

You are prompted to Accept the Disclaimer conditions or Cancel back to the **Multimedia** menu.

- To continue the setup process, touch **Accept**. A prompt pops-up in the display asking you to approve the automatic set-up of access



to all social network sites available from your Wireless Provider's server.

- To accept this service, touch **Yes**. After a few seconds, a Communities screen similar to this sample appears in the display.
2. To access a particular Community, touch it in the list.

The following additional options are available:

- To remove unwanted sites from the list, touch **Erase**.
- If a desired site does not appear in the list, or to restore previously deleted sites, touch **Update**.
- To adjust your Communities settings, touch **Settings**. This option lets you Upload Details, create and maintain Preferred Lists of sites, enlarge or shrink the default Image Size, set individual site Reservations, Manage your Account password, and review the Communities Disclaimer.

Section 8: Multimedia

The Multimedia menu includes features for creating, viewing and managing multimedia content, right on your phone.

- ▶ From a Home screen, select **Menu** → **Main Menu 2** → **Multimedia**. The following options are available:
 - **Camera** — Take pictures to display on your phone, send to friends, or upload to your favorite online communities. (For more information, refer to “*Taking Snap Shots (Single Pictures)*” on page 53.)
 - **Camcorder** — Record videos to display on your phone, send to friends, or upload to your favorite online communities. (For more information, refer to “*Recording Videos*” on page 55.)
 - **Communities** — Quickly and easily access, update, and upload photos to your favorite social networking sites, right from your phone. (For more information, refer to “*Social Networking (Communities)*” on page 48.)

The following sub-sections describe the other Multimedia options.

My Images

Saved pictures are stored in the My Images folder. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. From the **Multimedia** menu, select **My Images**. The **Images** screen appears in the display, showing an array of thumbnail images of any pictures you have taken and saved with the Camera and all preloaded and downloaded images. The following options are available:

Tip: You can also access **My Images** from the Camera viewfinder screen by touching .

- To toggle the **Images** screen format from thumbnail image array, to file list, to half-size image overlays, touch .
 - To select which pictures appear in the **Images** screen, touch , then select **All Pictures / Phone / Memory Card**.
 - To take additional pictures, touch **Camera**.
 - To view the images automatically and in sequence, touch **Slide Show**.
 - To remove one or more selected images, touch **Erase**.
 - For additional options, touch **More**. The following additional options pop-up: **Upload Via Communities**, **Send via Bluetooth**, **Print via Bluetooth**, **Lock/Unlock**, **Copy**, and **Move**.
2. To find a particular picture or image in the array of thumbnail images, touch and slide the array up or down.

3. To enlarge the view of the desired picture or image, touch it. The following options are available:

- To send a copy of the currently displayed picture or image in a Picture message or over a Bluetooth connection, touch **Send** and select **Picture Message** or **Via Bluetooth**.
- To assign a picture or image as a Home screen wallpaper or a Contact visual identifier, touch **Set As** and select **Wallpaper 1**, **Wallpaper 2**, **Wallpaper 3**, or **Picture ID**.
- To delete this picture from the **My Images** folder, touch **Erase**. Locked pictures must be unlocked before you can erase them.
- For more options, touch **More**. The following additional options pop-up:
 - **Upload via Communities** — Post a copy of this picture/image to a social networking web site.
 - **Camera** — Launches the Camera.
 - **Print via Bluetooth** — Send a copy of this picture/image to a Bluetooth compatible printer.
 - **Lock / Unlock** — Prevent/allow erasure of one or more images.
 - **Copy To Card / Phone** — Copy one or more images from phone memory to card memory or from card memory to phone memory.
 - **Move To Card / Phone** — Relocate one or more images from phone memory to a Memory Card or from a Memory Card to phone memory.
 - **Edit** — Launches a graphics editor tool.
 - **Rename** — Rename the currently displayed picture.

– **File Info** — View the Name, File Size, Resolution, and Date and Time added of the currently displayed picture.

4. Select the desired option to perform its function or to enter its sub-menu.

My Videos

Saved videos are stored in the My Videos folder. You can browse a matrix of videos (expanded mode), or view a list of videos (thumbnail mode).

1. From the **Multimedia** menu, select **My Videos**. The **Videos** screen appears in the display, showing an array of thumbnail images of any videos you have recorded and saved with the Camcorder and all downloaded videos. The following options are available:

Tip: You can also access **My Videos** from the Camcorder viewfinder screen by touching .

- To toggle the **Videos** screen format from thumbnail image array, to file list, to half-size image overlays, touch .
- To select which videos appear in the **Videos** screen, touch , then select **All Videos / Phone / Memory Card**.
- To record additional videos, touch **Camcorder**.
- To send one or more selected videos to another device, touch **Send via BT**.
- To remove one or more selected videos, touch **Erase**.

- For additional options, touch **More**. The following additional options pop-up: **Upload Via Communities**, **Lock/Unlock**, **Copy**, and **Move**.
2. To find a particular video in the array of thumbnail images, touch and slide the array up or down.
 3. To play a video, touch its image. (For more information, refer to “*Video Player*” on page 63.)

While the video is playing, The following options are available:

- To expand the video to fill the available screen area, touch .
- To send a copy of the currently playing video in a Video message or over a Bluetooth connection, touch **Send** and select **Video Message** or **Via Bluetooth**.
- To send a copy of this video to a social networking web site, touch **Upload**.
- To delete this video from the **My Videos** folder, touch **Erase**. Locked videos must be unlocked before you can erase them.
- You can access the following additional options by touching **More**:
 - **Camcorder** — Launches the Camcorder.
 - **Lock / Unlock** — Prevent/allow erasure of this video.
 - **Copy To Card / Phone** — Copy this video from phone memory to card memory or from card memory to phone memory.
 - **Move To Card / Phone** — Relocate this video from phone memory to a Memory Card or from a Memory Card to phone memory.
 - **Rename** — Rename this video.

- **File Info** — View the Title, time and date created, size, and resolution of this video.

4. Select the desired option to perform its function or to enter its sub-menu.

My Ringtones

My Ringtones lets you assign ringtones (preloaded and downloaded) for calls, alerts, and as distinctive ringers for Contacts.

1. From the **Multimedia** menu, select **My Ringtones**. A list of ringtones appears in the display.

Tip: You can also access My Ringtones from:

- An **Alarm** screen by selecting the **Ringer Tone** option.
 - The **Edit Contact** screen by selecting the  option.
-

2. When accessing My Ringtones from an Alarm or a Contact:
 - To play a ringtone, touch its play button.
 - To assign a ringtone to the Alarm or Contact, touch it.
3. When accessing My Ringtones from the Multimedia menu, assign the highlighted ringtone by touching **Set as**. The following options appear in the display:
 - **Ringtone** — Lets you assign the selected ringtone to incoming voice calls.

- **Contact ID** — Lets you assign the selected ringtone as the distinctive ringer for a Contact.
 - **Alert Tones** — Lets you assign the selected ringtone to **All Messages, Text Message, Pic/Video Message, or Voicemail**.
4. Select the desired option.
 5. When using a downloaded ringtone, touch the ringtone. The following options appear in the display:
 - **Set As** — See Step 3 above.
 - **Send** — Sends a copy of the ringtone file in a Picture Message of via Bluetooth to another Bluetooth compatible device.
 - **Erase** — Erases this ringtone.For additional Options, touch **More**:
 - **Lock / Unlock** — Lets you prevent/permit file deletion.
 - **Copy To Card / Phone** — Copies this file to **Phone** or **Card** memory.
 - **Move To Card / Phone** — Moves this file to **Phone** or **Card** memory.
 - **Rename** — Changes the file name of this ringtone.
 - **File Info** — Displays information about the selected file, such as the file name, the file type, and the data size.
 6. Select the desired option.

Section 9: Camera-Camcorder

Use your r900 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. This section explains how you can do the following:

- Take pictures and 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 options associated with the camera-camcorder that help you take crisp, clear pictures and videos.

Taking Pictures and Recording Videos

Taking pictures or recording 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 Snap Shots (Single Pictures)

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

1. In Standby mode, press the Camera key () on the right side of the phone.

The camera view finder screen appears in the display. (For more information, refer to “Screen Layouts” on page 56.)



Note: You can also activate the camera by pressing **Menu**, then selecting **Main Menu 2 → Camera** or **Main Menu 2 → Multimedia → Camera**.

2. Using the display as a viewfinder, point the camera at your subject.
3. To take a photo, press . The photo you've taken appears in the display.
 - To discard the photo, touch .
 - To assign the photo as Wallpaper or a Picture ID, touch .
 - To send the photo as part of a Picture message, touch .
 - To post a copy of the photo to a social networking site, touch .
 - To save the picture to memory, touch .

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. (For more information, refer to "Camera Settings" on page 57.)

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession. After taking Multi Shot pictures, the camera automatically displays thumbnail views of the pictures you have just taken so you can select the best picture(s) and discard the rest.

1. From a Home screen, press  on the right side of the phone. The camera view finder screen appears in the display. (For more information, refer to "Screen Layouts" on page 56.)

Note: You can also activate the camera by touching **Menu**, then select **Main Menu 2 → Camera**. You can also access **Camera** from **Main Menu 2 → Multimedia → Camera**.

2. Touch **Shooting Mode**. The following options appear in the display:
 - **Single** — Take one photo with each press of the Camera button ().
 - **Multi shot** — Lets you take a series of 3, 5, or 8 photos.

- **Panorama shot** — Combines 8 sequential shots into one, wide picture.
- **Mosaic shot** — Lets you take any one of 12 mosaics containing from 2 to 9 shots.
- **Frame shot** — Lets you select a frame to surround your photos.

3. When you select the **Multi shot** option, the following options appear in the display:

- 3
- 5
- 8

When you select **Mosaic shot**, an array of picture formats appears containing outlines for from 2 to 9 shots.

4. Select the desired number of shots or picture format.

A Multi shot progress bar or a Mosaic shot icon (which acts as a progress indicator while pictures are being taken) appears in the display.

5. Using the display as a viewfinder, point the camera lens at your subject.
6. Press . The camera takes one picture (**Single**), one picture at a time (**Mosaic**), or multiple pictures in quick succession (**Multi**).
7. To save the picture(s) to memory, touch .

To discard the pictures, touch . You are prompted to confirm the erasure.

Recording Videos



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

1. In the Camera screen, touch . The Camcorder view finder screen appears in the display. (For more information, refer to “*Camcorder Screen*” on page 58)

Note: You can also activate the camera by touching **Menu**, then selecting **Main Menu 2 → Camcorder** or **Main Menu 2 → Multimedia → Camcorder**.

2. Using the display as a viewfinder, point the Camera lens at your subject.
3. Press  when the image that you wish to capture appears in the display. Recording continues until one of the following occurs:

- You touch **Stop** ().
- Available memory is used up (**Normal** setting).
- 30 seconds of video have been recorded (**Video Msg** setting).

4. Touch  to save the video to memory.

Touch  to discard the video. You are prompted to confirm the erasure.

Point, Click, and Send Pictures and Videos

Take a picture or record a video and send it to anyone with a compatible device in a few easy steps.

Note: To record and send a video while in Camcorder mode, set **Rec Mode** to **Video Msg** ().

1. In Standby mode, press and hold the Camera key () on the right side of the phone. The camera view finder screen appears in the display.
2. To record a video, touch . The camcorder view finder screen appears in the display.
3. Using the display as a viewfinder, take the desired picture or begin record the desired video by pressing the Camera key (). To stop video recording, press the Camera key () again.
The photo/video review screen appears in the display.
4. Touch .

5. Enter the recipient's phone number or e-mail address using the keypad.
6. Touch **Done** to save the address(es).
7. Select other message fields as needed. (For more information, refer to “*Creating and Sending a Picture Message*” on page 34 and see “*Creating and Sending a Video Message*” on page 35.)
8. When you are finished composing your message, touch **Send** to send the Picture or Video message to the intended recipient(s).

Screen Layouts

Camera Screen



When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed.

Camera Screen Soft Keys

-  Indicates the current **Mode** (Camera).
Touch to change from Camera mode to Camcorder mode.
-  Indicates the current **Shooting Mode** (**Single** shown).
Touch to select **Single** / **Multi shot** / **Panorama shot** / **Mosaic shot** / **Frame shot**.
-  Indicates the current **Resolution** setting (**2048 x 1536** shown).
Touch to select **2048 x 1536** / **1600 x 1200** / **1280 x 960** / **1024 x 760** / **640 x 480** / **320 x 240**.
-  Touch to access Camera settings and Storage, picture Save, and Shutter Sound settings. (For more information, refer to “*Camera Settings*” on page 57.)
-  Indicates the current **Flash** setting (**Auto** shown).
Touch to select **Off** / **On** / **Auto**.
-  Indicates the current **Focus** setting (Auto Focus shown).
Touch to select Auto Focus / Fixed Focus ().
-  Touch to display the Brightness adjustment scale. Touch and slide the scale to adjust the brightness of your next photo.
-  Touch to access the **My Images** folder, where you can view, assign, and manage your pictures and images. (For more information, refer to “*My Images*” on page 49.)

Camera Settings

The following icons appear in the Camera screen when the **Icon Display** Camera setting is set to **On**. These icons indicate the current Camera settings and Default Storage setting.

To change these settings values:

- ▶ In Camera mode, touch **Settings** () , then select the setting you wish to change.
 -  **Quality** — Indicates/changes camera's picture quality setting (**Fine** shown). Other options are: **Normal** () and **Economy** () .
 -  **Self Timer** — Delays the camera shutter for 3/5/10 seconds (**10 Sec.** shown) after you press the Camera key () .
 -  **White Balance** — Indicates/changes the current photo White Balance setting [**Auto** (shown), **Sunny** () , **Cloudy** () , **Tungsten** () , **Fluorescent** ()] .
 - Effects** — Replaces the natural colors with shades of a selected color (**Normal**, **Black & White**, **Sepia**, **Aqua**, or **Negative**) .
 -  **ISO** — Indicates/changes camera exposure index setting [**Auto** (shown), **100**, **200**, or **400**) .

 **Exposure metering** — Indicates/changes camera exposure index setting [**Normal** () , **Center-weighted** (shown), or **Spot** ()] .

 **Default Storage** — Indicates/changes where photos will be stored [**Phone Memory** (as shown) or **Card Memory** ()] .

Auto Save — Indicates/changes whether photos are saved automatically (**On**) or you must touch  (**Off**) .

Guideline — Adds a cross-hatch pattern to the viewfinder (**On**) or removes the pattern (**Off**) .

Shutter Sound — Indicates/changes the sound played when you take a photo. (**Off**, **Shutter**, **OK**, or **Melody**) .

Camcorder Screen



When you activate your phone's camcorder, the first line of the display shows current camcorder setting icons. The center of the display shows a viewfinder image of the subject at which the camcorder is pointed.

Camcorder Screen Soft Keys



Indicates the current **Mode** (Camcorder).

Touch to change from Camcorder mode to Camera mode.



Indicates the current **Rec (Recording) Mode (Video Msg shown)**.

Touch to select **Video Msg / Normal**.



Indicates the current **Resolution** setting (176 x 144 shown).

When **Rec Mode** is set to **Video Msg**, this setting is fixed.

Touch to select **640 x 480 / 320 x 240**.



Touch to access Camcorder settings and Storage, video Save, and Shutter Sound settings. (For more information, refer to “*Camcorder Settings*” on page 58.)



Indicates the current **Flash** setting (**Auto** shown).

Touch to select **Off / On / Auto**.



Indicates that **Focus** is set to Auto Focus and is fixed.



Touch to display the Brightness adjustment scale. Touch and slide the scale to adjust the brightness of your next photo.



Touch to access the **My Videos** folder, where you can view and manage your videos. (For more information, refer to “*My Videos*” on page 50.)

Camcorder Settings

The following icons appear in the Camcorder screen when the **Icon Display** Camcorder setting is set to **On**. To change these settings values:

- ▶ In Camera mode, touch **Settings** (), then select the setting you wish to change.



Quality — Indicates Camcorder's video quality.

Touch to select **Super Fine** () / **Fine** (shown) / **Normal** (). (With **Rec Mode** set to **Video Msg**, this setting is fixed at **Fine**.)



Self Timer — Delays the Camcorder from recording for 3/5/10 seconds (**10 Sec.** shown) after you press the Camera key ().



White Balance — Indicates/changes the current video White Balance setting [**Auto** (shown), **Sunny** (), **Cloudy** (), **Tungsten** (), **Fluorescent** ()].

Effects — Replaces the natural colors with shades of a selected color (**Normal**, **Black & White**, **Sepia**, **Aqua**, or **Negative**).



Default Storage — Indicates/changes where videos will be stored [**Phone Memory** (as shown) or **Card Memory** ()].

Auto Save — Indicates/changes whether videos are saved automatically (**On**) or you must touch  (**Off**).

Start Sound — Indicates/changes the sound played when you begin recording a video (**Off**, **Beep**, **Look here!**, or **1,2,3!**).

End Sound — Indicates/changes the sound played when you stop recording a video (**Off**, **OK**, **Beep-beep-beep**, **Melody**).

Zoom

Zoom lets you temporarily enlarge the pictures you take and the videos you record. Increasing the Zoom (2 – 10) enlarges your pictures or videos (1 is normal).

- ▶ In Camera or Camcorder viewfinder screen, press the Volume key (on the left side of the phone) Up and Down to adjust the Zoom (a Zoom scale appears and the screen image enlarges to indicate the Zoom setting and show the affects of your changes).

Section 10: Music and Videos

This section describes your phone's Music Player and Video Player features.

Music Player

Music Player lets you play music (MP3) files stored on a microSD™ or microSDHC™ Memory Card (up to 32 GB).

Note: A microSD™ or microSDHC™ Memory Card must be installed for the Music Player to launch. (For more information, refer to “Memory Card (Optional)” on page 7.)

Accessing the Music Player

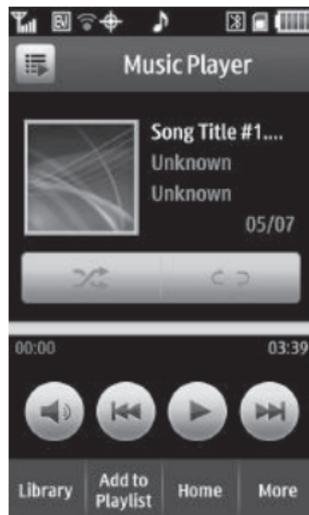
1. In a Home screen, touch the status icon bar, the Shortcut bar appears in the display.
2. Touch . The **Music Player** screen appears in the display.

Tip: You can also launch the Music Player from a Home screen by touching **Menu** → **Main Menu 2** → **Music Player**.

Music Player Controls

1. **Now Playing List button** () Launches the **Now Playing List** screen.

2. **Selection Information area** — Shows album cover image, selection title/file name, artist, and album name, if available.
3. **Repetition controls** — Set the shuffle (**Off / On**) and repetition (**Off / One / All**).
4. **Progress bar** — Indicates progress of playback.
5. **Elapsed Time and Total Time** — Show how many minutes and seconds of the music file have played and shows how long the music file is in minutes and seconds.
6. **Playback controls**



Adjusts playback volume.



Changes playback to previous music file in playlist.



Starts/resumes music file playback.



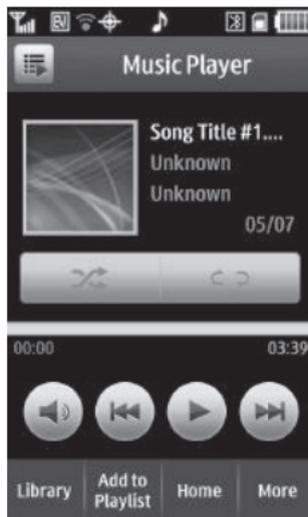
Pauses music file playback.



Changes playback to next music file in playlist.

Music Player Soft Keys

- **Library** — Launch the Library list. You can filter the list by touching the down arrow to show the filtering options (**All songs**, **Playlists**, **Artists**, **Albums**).
- **Add to Playlist** — Add the current music file to a new or existing playlist.
- **Home** — Closes the **Music Player** screen and returns you to a Home screen.
- **More** — Access the following options:
 - **Skin** — Change the Selection Information area to show music **Visualizer** / song **Lyrics** / **Album Art**.



- **Song Info** — Show Title, Artist, Album name, Genre, Year released, music File Info (location and name), Size, Encoding format, Duration, and Bitrate.
- **Memory Info** — Show Card Memory Available, Used, and Total.

Browsing for a Music File to Play

To select a music file to play:

1. From the **Music Player** screen, touch **Library**. The Music Library screen appears in the display.
2. Filter the list by touching the down arrow in the upper right corner. The following options are available:
 - **All songs** — Lists all music files stored on a Memory Card by song title or file name.
 - **Playlists** — Lists **Now Playing** plus any music file Playlist(s) you have created.
 - **Artists** — Lists all available recording artists names with music files stored on a Memory Card.



- **Albums** — Lists all available album titles for music files stored on a Memory Card.
3. To play a song or Playlist touch the associated Play button (▶). The **Music Player** screen appears in the display and the selected file, or the first file in the selected Playlist, begins playing.
 4. To add a file to a Playlist, touch **Add to Playlist**. The **Add to Playlist** screen appears in the display. (To add your own Playlist, see “*Creating a Playlist*” on page 62.)
 - Select one or more music files to add to a Playlist. A check mark appears in the check box for each file.
 - Touch **Done**. The **Choose Playlist** screen appears in the display.
 - Touch the Playlist to receive the selected music files. “**Added song to <Playlist name>**” pops-up in the display and you are returned to the Library screen.

Creating a Playlist

1. From the **Music Player** screen, touch **Library**. The Music Library screen appears in the display.
2. Touch the down arrow, then touch **Playlists**. The Playlists screen appears in the display.
3. Touch **New**. The **New Playlist** screen appears in the display with the virtual, 4x3 keypad.

Tip: To use the QWERTY keypad instead, slide it open.

4. Enter a name for your new Playlist. (For more information, refer to “*Entering Text*” on page 12.)
5. Touch **Done**. The Playlists screen appears in the display containing your new playlist.
6. Select the new Playlist. The Playlist contents screen appears in the display.
7. Touch **Add Songs**. The **Add Songs** screen appears in the display.
8. Mark the music files to add to a Playlist. A check mark appears in the check box for each file.
9. Touch **Done**. The Playlist contents screen appears in display showing the added files.
10. To return to the Playlists screen, press ⏪.



Video Player

This section outlines your phone's Video Player functions and key features.

Your r900 phone includes a Video Player capable of playing 3GP, 3G2, and MP4 video files.

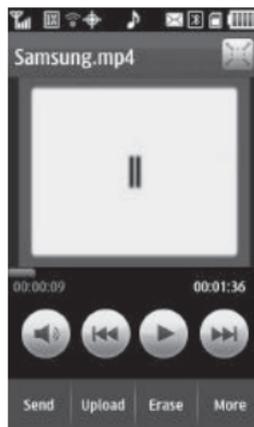
Launching the Video Player

To launch the Video Player:

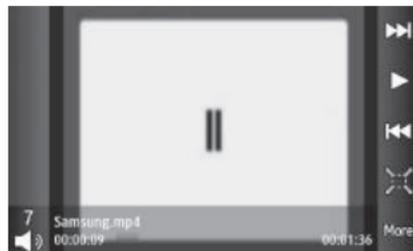
1. In Standby mode, touch **Menu**, then select **Multimedia** → **My Videos**.

The **Videos** screen appears in the display showing up to 12 thumbnail images from your videos stored in your phone or on an optional Memory Card.

2. Select a video. The Video Player screen appears in the display and the selected video begins playing.
3. To send a video as part of a video message, touch **Send**. (For more information, refer to *"Creating and Sending a Video Message"* on page 35.)



4. To copy this video to one or more specified web sites, touch **Upload**.
5. To delete this video from the My Videos folder, touch **Erase**.
6. To view the video in the largest size possible for the r900, touch .



To return to Portrait mode, touch the video image.

7. For more Video Player options, touch **More**. The following options appear in the display:
 - **Camcorder** — Lets you record a new video clip (3gs) using your phone's Camcorder function.
 - **Lock / Unlock** — Lets you protect a video from being deleted.
 - **Copy to Phone / Card** — Lets you save a copy of a video clip to the phone or to an optional Memory Card.
 - **Move to Phone / Card** — Lets you move a video clip to the phone or to an optional Memory Card.
 - **Rename** — Lets you change the name of a video clip.

- **File Info** — Displays the video's **Name**, **File Size**, **Resolution**, **Duration**, and the **Date** and **Time** recorded or loaded.

Video Player Controls (Portrait Mode)

1. **Video Screen** — Shows the video being played.
2. **Progress Bar** — Indicates how much of the video has played, and shows the total length of the video.
3. With the Video Player in Portrait Mode, the following playback control buttons are available:



-  **Volume** — Touch to activate the on-screen volume controls.
-  **Previous / Rewind** — Touch to begin playing the previous video in the **My Videos** list. Touch and hold to rewind playback of the current video to an earlier point.
-  **Pause** — Touch to temporarily halt playback of the video.

-  **Play** — Touch to begin or resume playback of the video.
-  **Next / Fast Forward** — Touch to begin playing the next video in the **My Videos** list. Touch and hold to fast forward playback of the current video to a later point.

Video Player Controls (Full Screen Mode)



1. **Video Screen** — Shows the video being played.
 2. **Progress Bar** — Indicates how much of the video has played and shows the total length of the video.
 3. With the Video Player in Full Screen Mode, the following playback controls are available:
-  **Volume** — Shows the current volume setting. Touch to activate the on-screen volume controls.



Previous / Rewind — Touch to begin playing the previous video in the **My Videos** list. Touch and hold to rewind playback of the current video to an earlier point.



Pause — Touch to temporarily halt playback of the video.



Play — Touch to begin or resume playback of the video.



Next / Fast Forward — Touch to begin playing the next video in the **My Videos** list. Touch and hold to fast forward playback of the current video to a later point.



Expand — Expands the video image to fill the Video Player screen.

Section 11: Tools

This section explains how to use your phone's Tools.

- ▶ In Standby mode, select **Menu** → **Main Menu 2** → **Tools**.

Voice Service

Your r900 includes state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools. To access your phone's voice recognition, do the following:

1. At the **Tools** menu, select **Voice Service**. The following options appear in the display:
 - **Voice Commands** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone.
 - **Voice Settings** — Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences.
2. Select the desired sub-menu.

Voice Commands

To access the Voice Commands menu:

1. In Standby mode, press the Voice Recognition key (), on the left side of the phone.
— or —

From the **Tools** menu, select **Voice Service** → **Voice Commands**.

Tip: You can set your phone to launch Voice Service when you connect a headset to the phone. For more information, refer to “*Voice Launch*” on page 69.

“**Say a Command**” appears in the display and is pronounced through the earpiece, followed by a list of available commands:

- **Call** <Name or #> — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or “train” that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number.
- **Send Text** <Name or #> — Lets you access the Text Message composer.
- **Send Picture** <Name or #> — Lets you access the Picture Message composer.
- **Send Video** <Name or #> — Lets you access the Video Message composer.
- **Lookup** <Name> — Lets you find a Contact by name and review the Contact's information.

- **Go to <Menu>** — Lets you access the following list of your phone's features and functions:

- mail@metro
- IM and Social
- Metro411
- @metro
- MetroWEB
- MetroSTUDIO
- myMetro
- Metro Navigator
- Loopt
- Pocket Express
- Mobile Banking
- MetroBACKUP
- Recent Calls
- Voicemail
- Multimedia
- Camera
- Camcorder
- Music Player
- Widgets
- Youtube
- Bluetooth
- Help
- Tools
- Settings

- **Check <Item>** — Lets you say a single command (such as “**Status**”) to verify your phone's: **Status, Signal Strength, Network, Battery, or My Phone Number.**

2. Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command.

If VoiceSignal still does not recognized the command, it tells you “**No match found**” and offers you the option of selecting **Settings** or **Repeat** before canceling voice recognition.

Voice Command Tips:

- Make sure you wait for the beep and/or “**Listening ...**” pop-up before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice Settings

Confirmation

You can select whether and when VoiceSignal asks for confirmation of your responses when using the Call command.

1. From the **Tools** menu, select **Voice Service → Voice Settings → Confirmation**. The following options appear:
 - **Automatic** — Voice Service asks for your confirmation only when it is not sure if it has correctly recognized the name or number.
 - **Always Confirm** — Voice Service always asks for your confirmation.
 - **Never Confirm** — Voice Service never asks for your confirmation.
2. Select your preferred setting. Your new setting is saved automatically.

Adaptation

If you regularly have trouble with Voice Service not recognizing the commands, names, and/or numbers you say, try adapting Voice Service to your voice. Adapting can improve the accuracy of Voice Service responses, especially for people with strong regional accents.

Note: After you adapt Voice Service, it is customized to your voice, and your voice only. Others will not be able to use your Voice Service on your phone unless they reset it to factory defaults.

Adaptation involves recording your responses to several sequences of phrases. The recording process takes a couple of minutes.

Tips for Adapting Voice Service:

- Use Adaptation in a quiet place.
- Do not use a headset during Adaptation.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each phrase distinctly.
- If you make a mistake while recording a phrase, or if there is an unexpected noise that spoils the recording, re-record that phrase.
- Only use Adaptation if you are regularly having problems with Voice Service. Once you adapt Voice Service, it will not work as well for other people using your phone. (You can always reset Voice Service to its original state, as described below.)

Adapt Voice

To adapt Voice Signal to your voice, do the following:

1. From the **Tools** menu, select **Voice Service → Voice Settings → Adaptation**. The Adaptation screen appears in the display showing the **Adapt Voice** option.

2. Select **Adapt Voice**. Your phone displays text describing the Adapt Digits process.
3. Touch **Start**. Your phone displays the first phrase or digit sequence and says “**Please say**” through the speaker followed by the phrase or digit sequence appearing in the display.
4. Wait for the beep and say the phrase or digits using your normal tone of voice. Adaptation continues the recording process with the next phrase or set of digits.
After 15 phrases and sets of digits, adaptation ends and you are returned to the **Adaptation** screen.

Reset Voice

To reset Voice Service to factory default settings, do the following:

1. From the **Tools** menu, select **Voice Service → Voice Settings → Adaptation → Reset Voice**. The phone prompts you to confirm voice adaptation reset.
2. Touch **Yes** to reset your voice adaptation, or touch **No** to keep your voice adaptation.

Modes

Modes lets you specify whether Voice Service is to read prompts and/or on-screen text to you when you are using your phone's menus.

1. From the **Tools** menu, select **Voice Service → Voice Settings → Modes**. The following options appear in the display:
 - **Expert Mode** — Voice Signal plays a beep when it requires information from you.
 - **Prompt Mode** — Voice Signal plays audio prompts for required information.
 - **Readout Mode** — Voice Signal reads on-screen text and plays audio prompts for required information.
2. Select your preferred setting. Your new setting is saved automatically.

Voice Launch

To set the key or action that launches Voice Service, do the following:

1. From the **Tools** menu, select **Voice Service → Voice Settings → Voice Launch**. The following options appear in the display:
 - **Key Only** — Press  to activate Voice Service.
 - **Key/EarMic** — Attach a headset to your phone. Press  or press the button on the headset to activate Voice Service.
2. Select your preferred setting. Your new setting is saved automatically.

About

This option displays version and build information about the Voice Service software included on your phone.

- ▶ From the **Tools** menu, select **Voice Service → Voice Settings → About**.

The **About** screen appears in the display showing the version level of the Voice Service software currently installed on your phone.

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

1. From the **Tools** menu, select **Bluetooth**.

Tip: You can also access **Bluetooth** from **Main Menu 2** and from the Shortcut Bar. (For more information, refer to “*Shortcuts*” on page 16.)

The **Bluetooth Menu** screen appears in the display.

2. Touch the handset button.
 - “**Bluetooth power on**” pops-up in the display.
 - The handset button changes color and the Bluetooth logo appears in the icon screen.
 - The black Bluetooth On icon () appears on the status bar.

Turn Bluetooth Off

1. From the **Bluetooth Menu** screen, touch the handset button.
 - “**Bluetooth power off**” pops-up in the display.
 - The handset button changes color and the Bluetooth logo disappears.
 - The black Bluetooth icon () disappears from the status bar.

Add New Device

Searching for Available Bluetooth Devices

1. From the **Bluetooth Menu** screen, touch **Search**.

Note: If Bluetooth power is off, you are prompted to turn it on.

You are prompted to place the Bluetooth device you want to pair with your r900 in discoverable mode. (See the device user manual for more information.)

2. Touch **OK**. Your phone searches for available Bluetooth devices. Named icons for available devices appear in the display.

Note: When more than 5 devices are detected, additional icons are placed on additional **Bluetooth Menu** pages.

3. Identify the device you want to pair with your phone by touching and dragging its icon to the handset button. “**Attempting to auto pair**” pops-up.

If auto pairing fails, you are prompted to enter the passkey or PIN for the selected device. (See the device user manual for more information.) Pop-up messages appear and the handset button and selected device icon are highlighted in blue 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.

Paired Icons

The **Bluetooth Menu** screen shows the icons for Bluetooth wireless technology devices paired with and connected to your handset.

1. From the **Tools** menu, select **Bluetooth**.

Tip: You can also access **Bluetooth** from **Main Menu 2** and from the Shortcut Bar. (For more information, refer to “*Shortcuts*” on page 16.)

The **Bluetooth Menu** screen appears in the display, populated with icons for Bluetooth devices already paired with your handset.

Connecting to a Bluetooth Device

1. In the **Bluetooth Menu** screen, touch and slide the icon for the preferred device to overlap the handset button. The handset button and the device icon flash and are highlighted in blue to indicate the connection is complete.
2. If you are unable to connect with the device, “**Connection failed**” appears in the display. Touch and slide the selected icon to overlap the handset button again.

Disconnecting from a Bluetooth Device

1. In the **Bluetooth Menu** screen, touch the device icon. A device options list pops-up.

2. Touch **Disconnect**. The device icon’s blue highlighting disappears.

Managing Your Paired Icons

1. In the **Bluetooth** screen, touch a device icon. A device options list pops-up. The following options appear in the display:
 - **Disconnect** — Lets you disconnect from the selected device.
 - **Remove Device** — Deletes the device from the Bluetooth screen.
 - **Settings** — Lets you change the Device Name and Incoming Security, and review the Service Discovery (Bluetooth services supported by the device) and Device Info.
 - **Browse Files** — Lets you view a list of the files on the device.
 - **Send Files** — Lets you send copies of files on your r900 to the selected device.
 - **Send Name Card** — Lets you send Contact information to the device.
 - **Send Calendar Event** — Lets you send Calendar Event information and settings to the device.
2. Select the desired option.

Bluetooth Settings

1. To access the r900's Bluetooth settings, in the **Bluetooth Menu** screen, touch **Settings**. The **Settings** screen appears in the display showing the following options:
 - **My Phone Name** — Shows your device's name. You may change this name. Just select the name and enter your text changes.
 - **Discovery Mode** — Allows other Bluetooth devices to see your device as accessible. Select **On** for other devices to see your device, or **Off** for no visibility.
 - **Supported Profiles** — Lists and describes the Bluetooth profiles supported by your phone.
 - **Auto Pairing** — Allows your phone to attempt to automatically pair and connect with other Bluetooth devices. Select **On** to enable Auto Pairing, or **Off** to disable it.
2. Select the desired option.

Wi-Fi

Wi-Fi lets you set up your phone to use Wi-Fi connections to access online services and Web sites. With the R900, you can choose either secured Wi-Fi networks or open “hot spots” to access a given service or Web site.

1. From the **Tools** menu, select **Wi-Fi**. The **Wi-Fi** screen appears in the display.
If Wi-Fi is already on, the **Wi-Fi** screen lists available networks.

2. To enable Wi-Fi and search for available networks, touch **Turn On**. “Wi-Fi ON” pops-up in the display followed by a list of available networks in the **Wi-Fi** screen. Your phone's Wi-Fi interface is now available to Wi-Fi capable functions and applications.

The following options are also available:

- **Refresh** — Search for available Wi-Fi networks and list them.
- **Turn Off** — Disable your phone's Wi-Fi interface.
- **Search by name** — Search for a particular Wi-Fi access point by using its name. (This option lets you search for a “hidden” Wi-Fi access point, provided you know its name.)
- **Recent Wi-Fi** — List Wi-Fi networks you've used recently.

Calendar

Calendar lets you view the current, past, or future month in calendar format. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

Navigating the Calendar

1. From the **Tools** menu, select **Calendar**. The Calendar screen appears in the display with the current date highlighted. The month and year appear at the top of the display.
The following options are available:

- **Left/Right arrow buttons** — Changes the Calendar one month per touch.
- **Calendar Dates** — Touch a date to display its event list.
- **Add** — Launches the **New Event** screen to add an event to the Calendar.
- **Go To** — Select a particular date to appear in the Calendar.
- **Weekly** — Changes the Calendar display from the selected month to the selected week.
- **More** — Lets you access the additional options: **Go To Today**, **Erase Old**, **Erase All**, and **Send via Bluetooth**.

Add a New Event

1. From the Calendar screen, touch the desired date, then touch **Add**.
— or —
From the Calendar screen, touch **Add**.
The **New Event** screen appears in the display.
2. Enter the **Appointment Name**. (For more information, refer to “*Entering Text*” on page 12.)
3. Select each of the following options:
 - **Start Date** — Populated with highlighted Calendar date. Select the date this event begins.
 - **Start Time** — Populated with the current time (rounded to the nearest half-hour). Select the time this event begins.

- **End Date** — Populated with highlighted Calendar date. Select the date this event ends.
- **End Time** — Populated with a time one half-hour later than the **Start Time**. Select the time this event ends.
- **Recurrence** — Select **None / Daily / Weekly / Monthly / Yearly**.
- **Alert** — Select **Off / On Time / 5 Min. Before / 10 Min. Before / 15 Min. Before / 30 Min. Before / 1 Hour Before / 3 Hours Before / 5 Hours Before / 1 Day Before**.
- **Alert Type** — Select how your phone will alert you to the Event (**Tone / Vibrate / Light Only**). If you select **Tone**, you can also select a particular music file, sound file, or ringtone.
- **Reminder** — Select how often to repeat the Alert (**Once / Every 2 Minutes / Every 15 Minutes / Off**).

4. Touch **Save** to save this event in your Calendar.

View/Change an Event

1. From the Calendar, select a date. A list of all events scheduled for the selected date appears in the display.
2. Select an Event to view. The current settings for the selected Event appear in the display in a scrollable list. The following options are available:
 - To change the event details, touch **Edit**.
 - To view the events for another date, touch **Go To**.
 - To remove the event from the calendar, touch **Erase**. (You are prompted to confirm the erasure.)

- For other options, touch **More**. The following options appear in the display:
 - **Monthly View** — Returns you to the Monthly Calendar screen.
 - **Weekly View** — Shows the highlighted week's Calendar screen.
 - **Send via Bluetooth** — Send this event to another device.

3. Select an option to invoke its function.

Memo Pad

Create notes and store them in Memo Pad. Notes that you create in Memo Pad can't be prioritized or assigned an alert. Return to Memo Pad anytime to review and edit your notes.

Create a Memo

1. From the **Tools** menu, select **Memo Pad**. A list of any stored Memos appears in the display.
2. To add a Memo, touch **New Memo**. A blank **Memo** screen appears in the display.
3. Enter text for this Memo. (For more information, refer to “*Entering Text*” on page 12.)
4. When you're finished entering details for the Memo, touch **Done**. The Memo is saved.

Review, Edit, Erase, and Send Memos

- ▶ From the **Tools** menu, select **Memo Pad**. A list of any stored Memos appears in the display.

The following options are available:

- To review a Memo, touch it. The text of the Memo appears in the display. The following options are available:
 - To change the text of the Memo, touch **Edit**.
 - To delete this Memo, touch **Erase**.
 - To block/unblock erasure of this Memo, touch **Lock / Unblock**.
- To add a Memo, touch **New Memo**. A blank **Memo** screen appears in the display.
- To discard one or more selected Memos, touch **Erase**.

Alarm Clock

Your phone lets you set and save up to four Alarm clocks. You can set an Alarm clock to go off once, or to recur daily at a specific time. Once set, an Alarm clock is easy to change or turn off completely.

Note: The Alarm Clock doesn't function while the phone is turned off. If the time for an alarm that was set for Once has elapsed while the phone is off, the alarm sounds at the specified time on the next day the phone is turned on.

Set an Alarm

1. From the **Tools** menu, select **Alarm Clock**. The **Alarm Clock** screen appears in the display, listing any currently set alarms.

2. Touch **New Alarm**. The following Alarm options appear in the display:
 - **Time** — Populated with the current time. To change the time, select this field, select a new time, and touch **Done**.
 - **Frequency** — Select the day(s) of the week (**Sun – Sat**) on which this alarm is to sound. The alarm will sound every week on the day(s) selected.
 - **Ringer** — Select how your phone will alert you when the Alarm time has occurred (**Tone / Vibrate / Light Only**). If you select **Tone**, you can also select a particular music file, sound file, or ringtone.
 - **Snooze** — Select **On** to enable snooze timer for this alarm, then select values for the following options:
 - **Snooze Duration** — Select **3min, 5min, 10min, 15min,** or **30min**.
 - **Snooze Repeat** — Select **Once, Twice, 3 Times, 5 Times,** or **10 Times**.
3. When you're finished selection option values for the alarm, touch **Save** to return to the **Alarm Clock** screen with your new alarm listed. The set alarm icon () appears in the icon bar.

When an Alarm Sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- ▶ To silence the alarm, touch and slide ◀▶ to **Snooze** (if shown) or **Stop**.

Note: If the alarm is set to repeat on one or more days, the alarm icon remains in the top of the display.

If the alarm was set as a once only alarm (no repeat day selected), the alarm icon disappears from the top of the display.

Turn Off an Alarm

1. From the **Tools** menu, select **Alarm Clock**. The **Alarm Clock** screen appears in the display, listing any currently set alarms.
2. Touch **Off** on the Alarm you wish to turn off.

Erasing an Alarm

1. From the **Tools** menu, select **Alarm Clock**. The **Alarm Clock** screen appears in the display, listing any currently set alarms.
2. Touch **Erase**, then select one or more alarms to be deleted. A check mark appears in the box for each selected alarm.
3. Touch **Done**. The selected Alarm is removed from the list.

World Time

World Time lets you set up to five clocks to the time of day or night in any of the 24 different time zones around the world.

Note: To use **World Time**, you need to subscribe to your Wireless Provider's digital service.

- ▶ From the **Tools** menu, select **World Time**.

A list of your selected clocks appears in the display. The following icons appear in the list:



Indicates the clock set to your home (local) time.



Indicates your 2nd clock.

Note: Your Home and 2nd clocks also appear in the Clock widget. (For more information, refer to “*Widgets*” on page 81.)

Setting a World Clock

The home clock is set to a default time and city and is labeled with the name of the city. To change this or another World Clock setting, do the following:

1. From the **Tools** menu, select **World Time**. The **World Time** screen appears in the display listing your current World Clocks.
2. Touch the clock you wish to set to a new time zone. A scrollable map appears in the display.
3. Touch and slide the map until you see the city whose time you wish to select as this clock’s new time.
4. Select the city. The displayed time changes to the time for the selected city.

5. Touch **Save**. Your choice is saved and you are returned to the **World Time** screen.

Enable Daylight Saving Time (DST)

1. In the World Time screen, touch the clock you wish to set to Daylight Saving Time. A scrollable map appears in the display.
2. Touch the DST icon (). The icon becomes highlighted and the time display changes to reflect the new DST setting.
3. Touch **Save**. Your choice is saved and you are returned to the **World Time** screen.

Adding a World Clock

1. In the World Time screen, touch **Add**. A scrollable map appears in the display.
2. Touch and slide the map until you see the city whose time you wish to select as this clock’s new time.
3. Select the city. The displayed time changes to the time for the selected city.
4. Touch **Save**. Your choice is saved and you are returned to the **World Time** screen.

Selecting Your 2nd Clock

Your 2nd Clock and your Home Clock both appear in the Clock widget when you move it from the Widget Bar to the standby screen. By changing your 2nd Clock, you can quickly and easily keep track of the time in a new city and at home. (For more information, refer to “*Widgets*” on page 81)

1. In the World Time screen, touch the clock you wish to set as the 2nd Clock. A scrollable map appears in the display.
2. Touch **Set as 2nd Clock**. Your choice is saved and you are returned to the **World Time** screen.

Erasing a World Clock

World Time lets you erase any or all of your World Clocks except your Home clock () and 2nd clock (.

1. In the World Time screen, touch **Erase**. A list of erasable clocks appears in the display.

Note: Your Home and 2nd clocks do not appear in the list to prevent them being erased.

2. Select the World Clock you want to erase. A check mark appears in the selected World Clock’s checkbox.
3. Touch **Done**. You are returned to the **World Time** screen in which the erased World Clock no longer appears.

Calculator

You can perform calculations, including addition, subtraction, multiplication, division, and percentages using your phone.

1. From the **Tools** menu, select **Calculator**.

The Calculator screen appears in the display.

2. Enter the first number in your calculation using the calculator-style touch keypad. (Numbers can be up to 15 digits long, and can include a decimal point followed by up to 5 more digits.)
3. Select the desired operation. [You can nest calculations using parentheses “()”.] To delete your last entry, touch .
4. Use the keypad to enter the second number for your calculation.
5. Touch  to perform the calculation and view the result.

Stopwatch

You can use this function to set a stopwatch.

1. From the **Tools** menu, select **Stopwatch**.
2. To start the Stopwatch count, touch **Start**.

3. To record succeeding event/lap times, touch **LAP** at the start of each succeeding event/lap to record the completion time for the previous event/lap. You can record up to 20 event/lap times.
4. To stop the Stopwatch count, touch **Stop**.
5. To resume the Stopwatch count, touch **Start**.
6. To erase all Stopwatch (lap) times recorded, touch **Reset**.

Timer

You can use this function to time an event.

1. From the **Tools** menu, select **Timer**.
2. Use the arrows to set the hours, minutes, and seconds.
3. Touch **Start**. The timer counts down to the time selected. When the time has been completed, an alarm sounds and a message appears on the screen.
4. To stop the Timer count, touch **Stop**.
5. To resume the Timer count, touch **Restart**.
6. To set the time back to the default, touch **Reset**.

Converter

The conversion menu provides the following conversion categories:

- Currency
- Length

- Weight
- Volume
- Area
- Temperature

Using Converters

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. From the **Tools** menu, select **Converter**. The following list of converters appears in the display:
 - **Currency**
 - **Length**
 - **Weight**
 - **Volume**
 - **Area**
 - **Temperature**
2. Select the conversion feature you wish to use.
3. Touch the down arrow button and select the units to be converted from.
4. Enter the quantity you want converted in the field at the top of the screen and touch **Done**. The converted quantities appear opposite their respective units of measure.
5. To perform another conversion, touch **Reset**.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. From the **Tools** menu, select **Converter → Currency**.
2. Touch **View Rates**. A list of exchange rates appears in the display.
3. Select the exchange rate you wish to change.
4. Enter the changed exchange rate value.
5. Touch **Done** to save the changed exchange rate.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. From the **Tools** menu, select **Converter → Currency**.
2. Touch **View Rates**. A list of exchange rates appears in the display.
3. Use the left and right arrow buttons at the top of the list to display the base currency for the new exchange rate.
4. Touch **Add Rate**. The **Add Rate** screen appears.
5. Select the **Currency** field.

6. Enter an identifier of up to 5 characters for the new currency. (For more information, refer to “*Entering Text*” on page 12.)
7. Select the **Exchange Rate** field.
8. Enter a decimal exchange rate for the new currency using the keypad.

Note: The **Exchange Rate** field only accepts up to seven characters (including the decimal point) with up to five digits before or after the decimal point (for example: 1234567, 0.12345, 1.23456, 123.456, 12345.6).

9. To add the new exchange rate to the list, touch **Done**.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. From the **Tools** menu, select **Converter → Currency**.
2. Touch **View Rates**. A list of exchange rates appears in the display.
3. Touch **Erase**. The **Erase** screen appears in the display, listing those rates you can erase.

Note: The **Erase** option only appears if there are user-added currency conversion rates in the Rates list.

4. Select a user-added currency exchange rate to be erased. A check mark appears in the checkbox for the selected rate.
– Or –
Select **Select All**. Checkmarks appear in the checkboxes for all user-added rates.
5. Touch **Done**. You are returned to the Rates List. The erased rate no longer appears in the list.

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected gratuity percentage, and the number of people paying.

1. From the **Tools** menu, select **Tip Calculator**. The **Tip Calculator** screen appears in the display.
2. Select the **Bill** field and enter the total amount of the bill.
3. Select the **Tip** field and enter a tip percentage.
4. Select the **Split** field and enter the number of persons paying using the keypad.
5. The amount of the **Tip**, the bill **Total**, and the amount **Each** person should pay appear in the lower half of the screen.

Device Search

Device Search lets you search for features, functions, and applications on your phone by name.

1. From the **Tools** menu, select **Device Search**.

Note: The first time you launch Device Search you are advised in a pop-up that “**Device Search only searches information saved on your phone**”.

The **Search** screen appears in the display.

2. Enter a few characters of a feature, function, or application name. (For more information, refer to “*Entering Text*” on page 12.)
3. Touch **Done**. Matching names appear in the **Search** screen.
4. Touch the desired name to launch the associated feature, function, or application.

Section 12: Changing Your Phone's Settings

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Accessing Your Phone's Settings

- ▶ From Standby mode, select **Menu** → **Main Menu 2** → **Settings**. The **Settings** menu appears in the display.

Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually (**Location On**) or only when you make an emergency (911) call (**911 Only**).

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

Widgets

You can select which Widgets appear in the Widget Bar. (For more information, see “*Widgets*” on page 15.) The following Widgets are available:



mail@metro — Access your e-mail account(s).



Pocket Express — Launch the Pocket Express application.



@metro — Launch @metro to download and manage applications



MetroWEB — Launch the MetroWEB browser.



MetroSTUDIO — Access the MetroSTUDIO shopping site.



MetroNavigator — Launch the MetroNavigator navigation application.



Metro411 — Access the Metro411 online information service.



MetroBACKUP — Launch the MetroBACKUP Contacts list and phone settings backup application.



IM and Social — Send Instant Messages and social network messages, right from your phone.



Mobile Banking — Access your bank account(s).



myMetro — Access your personalized portal site.



Clock — Display current time.



Date — Display the current date.



Google Search — Launch the Google Search application to search the Web.



My Images — Access your **My Images** folder.



Mini Player — Play music files.



Alarm Clock — Launch the Alarm Clock tool.



Top 5 Contacts — Launch the Favorites screen.



Voicemail — Check and manager your voicemail.



Calculator — Launch Calculator tool.



Calendar — Launch Calendar tool.



Device Search — Search for files or information on your phone.



Wi-Fi — Opens the Wi-Fi menu, to locate and join Wi-Fi networks. (For more information, refer to “Wi-Fi” on page 72.)



YouTube — Access the YouTube social networking site.



Facebook — Access the Facebook social networking site.



Twitter — Access the Twitter social networking site.



MySpace — Access the MySpace social networking site.



Local News — Check local news.



Mocospace — Access the Mocospace social networking site.



Cellufun — Access the CELLUFUN gaming site.



Crush or Flush — Access the Crush or Flush social networking site.



Univision Movil — Access the Univision mobile service.



Go2 Local — Access the Go2 Local web site.



Loopt — Access the Loopt social network mapping site.



Flirtomatic — Access the Flirtomatic social networking site.



Help — Access Help information for your phone's functions and features.

Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

Wallpaper

Wallpaper lets you choose images to appear in the background of the three Home screen panels in your phone's Main display while in Standby mode. You can choose from preloaded images, photos, and downloaded images in your **Images** folder.

Banner

Create your own 32-character **Personal Banner** greeting that appears in the display while your phone is in Standby mode, or select the Extended Roaming Indicator (**ERI Banner**). You can choose the text color of your selected banner.

Tip: Press and hold  to erase an existing banner, if necessary. (For more information, refer to “*Entering Text*” on page 12.)

Backlight

You can set the **Screen Backlight** to remain on for 10, 15, or 30 seconds; to be **Always On**; or to be **Always Dim**. You can also set the **Brightness** of the screen backlight **Automatically** or **Manually**.

Note: Prolonged backlight use drains your battery faster.

Transition Effect

Transition Effect lets you set your phone's menus and sub-menus replace each other by overwriting (**Off**) or by sliding from right to left (**On**).

Power Saving Mode

Power Saving Mode lets you set your phone to override the **Backlight** settings and automatically adjust its display brightness to save power (**On**) or to default to the **Backlight** settings (**Off**).

Sounds Settings

Sounds Settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

Volume

Use the **Volume** sub-menu to adjust the following settings to the desired volume level:

- **Master Volume** for Voice Call ringers, Message alerts, and Alarms (**All Sounds Off, Alarm Only, Vibrate Only, Beep Once, Low, Medium Low, Medium, Medium High, or High**).
- **Key Tone** volume for tones produced when you press a QWERTY key (**Sounds Off, Low, Medium Low, Medium, Medium High, or High**).
- **Touch Volume** for tones produced when you touch objects on the touch screen (**All Sounds Off, Low, Medium Low, Medium, Medium High, or High**).

Call Alerts

Call Alerts lets you select the Ringer your phone plays to notify you of incoming calls; enable/disable Vibrate with the Ringer; select whether to play the voice calls ringer only, to read any Caller ID information and play the ringer, or to read the Caller ID or Contact name only; and/or to select the Roaming Ringer your phone plays to notify you of incoming calls when you leave your Home area.

Message Alerts

Message Alerts let you select the Ringer your phone plays, whether to Vibrate, and whether to repeatedly remind you when

notifying you of incoming Text, Picture, Video, or Voicemail messages.

Other Alerts

Other Alerts lets you enable/disable your phones, Minute Beep, Roaming, Call Connect, and Power on/Off alert tones.

Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

Call Answer

You can set your phone to answer incoming calls only when you press  or when you press any key on the keypad except , , or .

Auto Answer

Auto Answer lets you set your phone to automatically answer calls after from 1 to 5 seconds.

Auto Retry

Auto Retry automatically re-dials a number at an interval you select, when there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone re-dials a number may vary.

TTY Mode

Your phone is fully Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone, behind the folder hinge. You can set your phone to allow TTY/TTD communication while you converse with the other party, or you can limit voice communication to Talking or Hearing only.

Note: **TTY Mode** must be enabled before you can use your phone with TTY/TDD equipment.

The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

Speed Dial

Speed Dial lets you enable or disable 1-key or 2-key speed dialing of up to 29 Contacts you select as Favorites.

Voice Privacy

Voice Privacy lets you choose what level of voice security (Standard or Enhanced) your phone will use.

Tip: You can change your Voice Privacy setting during a call by using the **In-Use Menu** options. (For more information, refer to “*In-Call Options*” on page 24.)

You can set your phone to alert you when Voice Privacy support changes. (For more information, refer to “*Call Alerts*” on page 84.)

DTMF Tones

DTMF Tones lets you choose whether your phone produces (default) Short or Long Dual-Tone Multi-Frequency tones when dialing a number.

Hearing Aid Mode

You can set your r900 phone to operate with hearing aids.

Phone Settings

You can set or reset the operating characteristics of your phone to suit your location and/or to limit access to your phone.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This blocks you from making or receiving calls other than Emergency (911) calls, but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press .

Language

The **Language** option lets you select the language (**English** or **Español**) of menus, sub-menus, and other user-interface features.

Auto Screen Lock

You can set your phone to automatically lock its touch screen when the Backlight goes out. (For more information, refer to “Backlight” on page 83.)

Vibration Intensity

Vibration Intensity lets you adjust the strength of the haptic feedback vibration of your phone from **Vibrate Off** to **High**.

Security

Use the **Security** sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

To access the Security sub-menu, you are prompted to enter your phone’s four-digit lock code.

Note: The default lock code is the last four digits of your mobile phone number.

Lock Phone

The **Lock Phone** option lets you Lock or Unlock your phone immediately or set your phone to lock itself On Power Up.

Locking the r900 blocks all outgoing calls except those to 911 and to any other user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency numbers). (For more information, refer to “Emergency #” on page 87.)

Important! If after setting your phone to Lock itself On Power Up, you change the **NAM Selection** setting from **NAM1** to **NAM2**, but there is no number programmed into **NAM2**, you won’t be able to access your phone. You must call your Wireless Provider’s Service Center to unlock your phone.

Change Lock Code

The **Change Lock Code** option lets you replace your phone’s default lock code (the last four digits of your phone number) with one of your own choosing.

It is advisable to change the default lock code to a secret code for security purposes.

When you select **Change Lock**, you are prompted to enter the current lock code followed by entering your new lock code, and then re-entering it, for verification.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

The **Emergency #** option lets you enter and store up to three emergency numbers in your phone. Each number can be up to 32 digits long. You can dial your emergency numbers any time, even when your phone is locked or restricted.

Note: Emergency numbers 911 is pre-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 you will hear an audible tone and an Emergency prompt will appear in the display for the duration of the call.

Important! Because of various transmission methods, network parameters, and user settings used 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 essential or emergency calls.

Remember to always turn your phone on and check for adequate signal strength before placing an emergency call.

Note: When you dial an emergency number, your phone locks itself to the emergency location that answered the call and locks itself in 911-Only mode, blocking from dialing any number but an emergency number.

- **To store emergency numbers:** Select the **Emergency #** option, then select one of the three emergency number options, and enter and save your new emergency number.
- **To call emergency numbers** (even in lock mode): Simply enter 911 or one of your emergency numbers and press  to place the call.

Reset Phone

The **Reset Phone** option returns all settings on your phone (except for Contacts entries) to their factory default values.

Caution! Before selecting **Reset Phone**, contact your Wireless Carrier. Invoking **Reset Phone** may erase settings made by your Wireless Carrier from your phone, resulting in loss of service.

Restrictions

The **Restrictions** option settings let you restrict the use of your phone for Outgoing and/or Incoming Calls, SMS and/or MMS messages, and/or Data calls.

Note: By default, all restriction settings are pre-set to **Off**.

Auto Device Lock

You can set your phone to automatically lock itself after a set period of inactivity (from 5 to 60 minutes). To unlock your phone, you will be required to enter the phone's Lock Code. (The default Lock Code is the last 4 digits of your phone's number.)

NAM Selection

The **NAM Selection** option lets you select your preferred system (**NAM 1** or **NAM 2**), provided your phone has a NAM 2 number programmed into it. (For more information, contact your Wireless Provider.)

Important! If after setting your phone to Lock itself On Power Up, you change the **NAM Selection** setting from **NAM 1** to **NAM 2**, but there is no number programmed into **NAM 2**, you won't be able to access your phone. You must call your Wireless Provider's Service Center to unlock your phone.

System Select

The **System Select** option lets you disable (**MetroPCS only**) or enable (**Automatic**) your phone's ability to roam (that is, automatically select a network to use when outside of your Home Area).

Set Time

Use the **Set Time** options to set the current time and date displayed on your phone and used by your phone's Tools. (For more information, refer to "Tools" on page 66.)

Note: In digital service mode, the **Set Time** feature is disabled. The network adjusts time and date automatically.

With **Airplane Mode** set to **On**, the **Set Time** feature is enabled.

- Enter the current Time using your keypad:
 - The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
 - Use the Left and Right navigation keys to select **am** or **pm**.
- Enter the current Date using your keypad:
 - The month and day must be entered using two digits each.
 - The year must be entered with all four digits.

PC Connection

The **PC Connection** option lets you enable (**USB Mass Storage** setting) or disable (**No Connection** setting) the r900's ability to act as a USB flash drive, provided you have installed an optional microSD Memory Card and an optional USB Data Cable.

Note: For more information, refer to "Install a Memory Card" on page 7.

With **PC Connection** set to **USB Mass Storage**, you can transfer music, sound, ringtone, image, and video files to and from a microSD Memory Card.

Gesture

You can set your phone to mute alert tones when you place the phone face down. You can also set your phone to return all on-screen Widgets to the Widget tray (it must be open) when you rock the phone from side to side.

Memory Manager

The **Memory Manager** options let you:

- Select the default storage location (**Phone Memory** or **Card Memory**) for images and videos taken and recorded with your phone's camera-camcorder.
- Review the amount of available and used Phone Memory and/or Card Memory, if installed, and manage the contents.
- Format an optional microSD Memory Card.

Note: This option prepares new, unformatted microSD™ Memory Cards for use with your phone. Repeated formatting of a Memory Card can shorten its service life. Erase files rather than format the Memory Card.

Phone Info

Phone Info lets you review the phone number assigned to your phone, reference the meanings of icons that appear on your

phone's Standby mode screen, and identify the hardware and software versions of your phone and the assigned IMEI number.

Section 13: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

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 handset 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 to the FCC are:

- **Head:** 1.06 W/Kg.
- **Body-worn:** 0.90 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.

Please Note the Following Information When Using Your Handset

1. WARNING REGARDING DISPLAY

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET

If your handset has a touchscreen display, please note that a touchscreen 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 touchscreen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty” on page 110.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://mobile.samsungusa.com/recycling/index.jsp> or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter 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 ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF 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. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user.

In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

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

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;

- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless

phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety.

FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - 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 exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that 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 "hand-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. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard

sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

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

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/>
- World Health Organization (WHO):
<http://www.who.int/peh-emf/>

- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- Health Protection Agency:
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration:
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important! If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

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 cellular telephones, 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 commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- 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 you 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>

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 (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: <http://www.cdc.gov>

1-888-232-6348 TTY

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone 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 phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone 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 phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the phone 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 phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

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 phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones 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 phones 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 phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

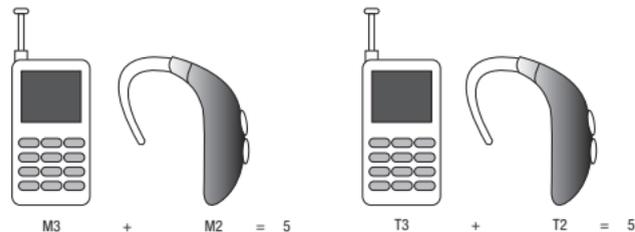
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones 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 phone rating values are then added together. A sum of 5

is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone 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 phone. "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 Language

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 about its return and exchange policies and for information on hearing aid compatibility.

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 phone 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. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone 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 phone 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.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. From a Home screen, touch **Dialer**.
3. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
4. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document 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 phone 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.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone 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:

NFPA (National Fire Protection Agency)

1 Batterymarch Park
Quincy, Massachusetts
USA 02169-7471
Internet: <http://www.nfpa.org>

Cautions

Any changes or modifications to your phone 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 phone warranty if said accessories cause damage or a defect to the phone.

Although your phone 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 phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

- Check regularly that all wireless phone 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 phone, 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 both installed or portable wireless equipment 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 phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, 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 modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.

- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites 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, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, 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.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone 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 the phone and all its parts and accessories out of the reach of small children.
 - Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
 - Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
 - Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
 - Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
 - Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
 - Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
 - Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
 - Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
 - If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
 - If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 14: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones 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
Leather Case	90 Days
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 moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural

items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (j) any other acts which are not the fault of SAMSUNG; or (i) 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, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or 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 Product 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 parts, components, boards and equipment shall become the property of SAMSUNG. 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.

What Are The Limits On Samsung's Warranty/liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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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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