

SCH-i220 Series

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

User Manual

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



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Section 1: Getting Started

This section explains how to start using your Samsung i220 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this manual 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 154.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 126.

Notes and Tips

Throughout this manual some text is set apart from the rest. In this way, important information, quick methods for activating features, to define terms, and more are emphasized. The definitions for these methods are as follows:

- **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.
- **Important** — Points out important information about the current feature that could affect performance, or even damage your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icon appear in place of repeatedly-used procedural steps:

- | | |
|------------------|---|
| highlight | Use the Navigation key/Jog Wheel () to move a highlighting effect onto a menu item or screen item of interest. |
| select | After “highlighting” a menu item or screen item, press the OK key () or the Done soft key 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: Select **Start** → **Settings** → **Phone** → **Call Options**.

Preparing Your Phone

Before you can activate your new phone, you need to install and charge the phone battery.

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. From fully discharged to fully charged, the battery requires up to 4 hours of charge time.

1. If in place, push and hold the battery cover release latch down.



2. Slide the battery cover down.
3. Lift the battery cover off of the phone, bottom end first.

4. Place the battery so that the plastic tabs are aligned with the corresponding holes in the phone.



5. Gently push the battery down until it clicks into place.
6. Place the battery cover onto the back of the phone by aligning the tabs with the corresponding slots in the phone.



7. Slide the battery cover up until it clicks into place.

Removing the Battery

1. Push and hold the battery cover release latch down.



2. Slide the battery cover down.
3. Lift the battery cover off of the phone, bottom end first.
4. Lift the battery up and away from the phone.



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.**

Using the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that 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 at the bottom end 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.

- Four 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.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. From fully discharged to fully charged, the battery requires up to 4 hours of charge time.

Powering On the Phone

1. Press and hold . The startup animation plays followed by the appearance of the **Home** screen in the display (as shown).

Note: As with any other radio-transmitting device, do not touch the antenna (at the bottom of the device) 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.

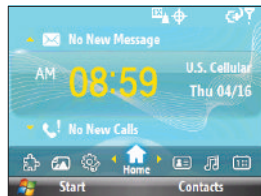


2. If the phone functions are disabled, the “**Phone off**” message and the No Service icon () appear in the display. To enable the phone functions, do the following:
 - Press and hold the Lock key () at the top right side of your phone. The **Quick List** menu appears in the display.
 - Select the **Wireless Manager** option. The **Wireless Manager** screen appears in the display. (For more information, refer to “*Turning the Phone Functions On and Off*” on page 29.)
 - Select the **Phone** option. The Phone option setting switches from **Off** to **On**.
 - Press the **Done** soft key.
 - Press .
3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date, and day appear in the second line of the display.
5. 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**” message appears at the bottom of the phone’s display. If you cannot place or receive calls, try later when service is available, or at another location.

Setting Up Your Phone (Basic)

This process details use of the **Getting Started** feature on your phone. You can use **Getting Started** to personalize your phone’s appearance and ringtone, and to setup some functions of your i220 for immediate use.

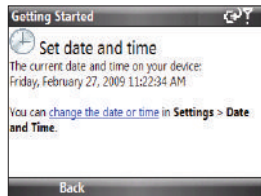


- With the Home screen showing, press the **Start** soft key, then select **Getting Started** (). The following sub-sections describe uses of the Getting Started options.

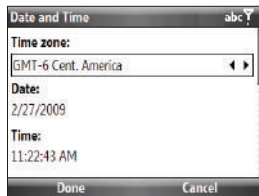
Set date and time

Provided you have service from your Wireless Carrier’s network, this is done for you, automatically.

If the “**No Service**” message is showing in the Home screen, you can set the time and date by doing the following:



1. From the **Getting Started** menu, select **Set date and time** → **change the date or time**. The Date and Time screen appears in the display.

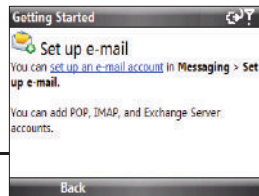


2. Select or enter values for the following options:
 - Time zone
 - Date
 - Time
3. Ensure that the **Time setting** and **Time zone setting** options are both set to **Auto**.
4. Press the **Done** soft key to save your settings. You are returned to the **Getting Started** menu.

Set up e-mail

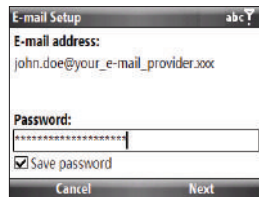
You can set up your i220 to give you mobile access to your business and/or private e-mail account(s).

Tip: You can setup your i220 to synchronize your e-mail



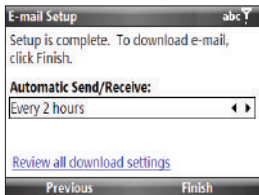
To set up access to an e-mail account, do the following:

1. From the **Getting Started** menu, select **Set up e-mail** → **set up an e-mail account**. The **E-mail Setup** screen appears in the display.



2. Enter your e-mail address and your e-mail account password, then press the **Next** soft key. You are prompted to "**Try to get e-mail settings automatically from the Internet**".

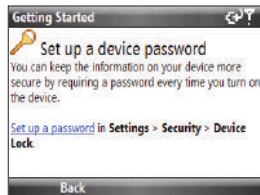
- Press the **Next** soft key. You are notified when settings are found for your e-mail provider.
 - Press the **Next** soft key.
 - Enter your name and your e-mail account name as you wish them to be displayed on your screen, then press the **Next** soft key.
 - You are notified that e-mail setup is complete:
- If you want, select a new **Automatic Send/Receive** value.
 - Press the **Finish** soft key.
- Your account information is verified and you are returned to the **Getting Started** menu.



Set up a device password

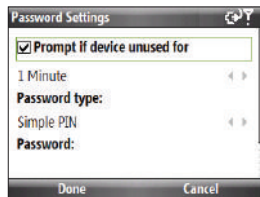
You can setup your i220 to require a password every time it's turned on.

- From the **Getting Started** menu, select **Set up a device password** → **Setup a password**.



The **Password Settings** screen appears in the display.

- If you want, enter or select values for the following options:



- Prompt if device unused for** (1 Minute, 5 Minutes, 15 Minutes, 30 Minutes, 1 Hour, 1.5 Hours, 2 Hours, 12 Hours, or 24 Hours).

Tip: You must check the **Prompt if device unused for** option to activate the other options.

- Password type** (Simple PIN or Strong alphanumeric).

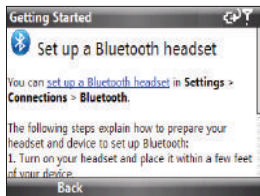
- Password
- Confirm password

3. Press the **Done** soft key to save your settings.

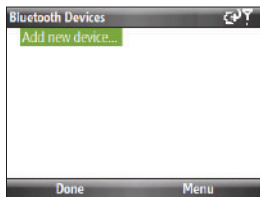
Set up a Bluetooth headset

This option lets you pair and connect (if desired) a Bluetooth headset to your phone.

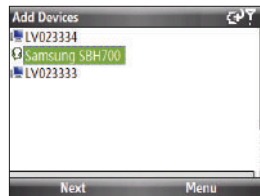
1. From the **Getting Started** menu, select **Set up a Bluetooth headset** → **set up a Bluetooth headset**. The **Bluetooth Devices** screen appears in the display.



2. Set your Bluetooth headset to Visible, then select **Add new device...** A list of visible Bluetooth devices appears in the display.



3. Highlight your Bluetooth headset, then press the **Next** soft key. You are notified that your i220 has connected with your Bluetooth headset.

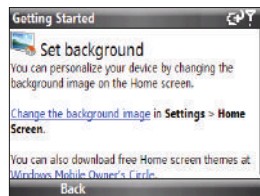


Set background

This option lets you select a new background image for your Home screen.

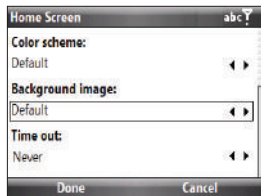
Tip: For a list of thumbnail views of the available Background images included with your i220, see “*Personalizing Your Phone*” on page 107.

1. From the **Getting Started** menu, select **Set background** → **Change the background image**. The **Home Screen** menu appears in the



display.

2. Highlight the current **Background image** setting.



3. Select a Background image using the Left and Right Navigation key, or do the following:

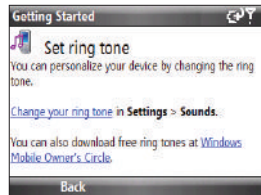
- Press the OK key (⏏) to list the available Background images.
- Select the desired Background image.

4. Press the **Done** soft key to save your selection and return to the **Getting Started** menu.

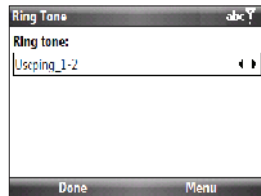
Set ring tone

This option lets you select a ringtone to play when you receive a call.

1. From the **Getting Started** menu, select **Set ring tone** → **Change your ring tone** → **Ring Tone**. The **Ringtone** screen appears in the display.



2. Select a Ring tone using the Left and Right Navigation key, or do the following:



- Press the OK key (⏏) to list the available Ring tones.
- Select the desired Ring tone.

3. Press the **Done** soft key to save your selection and return to the **Sounds** menu. Press  to return to the **Getting Started** menu.

Transfer music

This option lets you transfer music between a personal computer and your i220. For more information, refer to “*Windows Media Player*” on page 91.

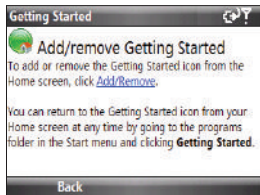
Add/remove Getting Started

This option lets you add a Getting Started icon to the Home screen or remove a Getting Started icon from the Home screen.

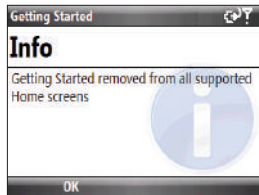
1. From the **Getting Started** menu, select **Add/remove Getting Started**.

The **Add/remove Getting Started**

screen appears in the display.



2. Follow the instructions on the screen to add/remove a Getting Started icon. An **Info** message informs you of the results.



3. Press the **OK** soft key to return to the **Getting Started** menu.

Set sound Profile

Sound Profiles let you quickly change the following sound settings as a group to suit your current situation, such as, while indoors versus when walking outside:

- Call Ringer (type and volume)
- Reminder (type and volume)
- Notification (type and volume)
- System sound (volume only)

To access your phone's sound Profiles:

1. With the **Home**

screen showing, do one of the following:

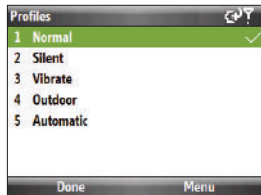
- Press and hold the Lock key (⏻) at the top of the phone.
- Select the **Settings** icon (⚙️), then select **Profile** (📅).
- Press the **Start** soft key, then select **Settings → Profiles**.

The **Quick List** or **Profiles** menu appears in the display.

2. Highlight one of the following Profiles:

- **Normal** — All sounds play at medium volume.
- **Silent** — No sounds play.
- **Vibrate** — No sounds play, but the phone vibrates, instead.
- **Outdoor** — All sounds play at **Loud** volume.
- **Automatic** — Lets the Organizer's Calendar tool automatically switch between the Normal and the Vibrate profiles when an Appointment with **Status** set to **Busy** occurs/ends.

3. To select the highlighted Profile, press the **Done** soft key or press ⏻.



Installing a microSD™ Memory Card

1. Remove the battery cover and battery from your phone.
(For more information, refer to “*Removing the Battery*” on page 6.)
2. Locate the memory card slot at the top of the battery compartment.
3. Make sure that the label side of the Memory Card is face up, as shown.



4. Carefully slide the Memory Card into the memory card slot until you feel it click into place.

5. Reinstall the battery and replace the battery cover on the phone. (For more information, refer to *“Installing the Battery”* on page 5.)

Note: Memory Cards with a storage capacity of over 32 GB will not work with this phone.

7. Reinstall the battery and replace the battery cover on the phone. (For more information, refer to *“Installing the Battery”* on page 5.)

Removing a microSD Memory Card

1. Remove the battery cover and battery from your phone.
(For more information, refer to *“Removing the Battery”* on page 6.)
2. Locate the memory card slot at the top of the battery compartment.
3. Carefully press the memory card inward until you feel it release.
4. Slowly release your pressure on the card. It will slide outward a short distance.
5. Remove the memory card from the memory card slot.
6. If desired, install another memory card (see *“Installing a microSD™ Memory Card”*).

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.

Your Phone's Features

- Domestic and international voice and text messaging service (available on participating networks).
- Large [2.4 inch (diagonally) color screen (320 x 240 pixel resolution)
- High speed data (CDMA 2000 1x EVDO Technology)
- Bluetooth® Wireless Technology (see Note)
- Global Positioning System (GPS) Technology
- Digital Assistant Tools
- QWERTY Keypad
- Text (SMS), Picture (MMS), and E-mail Messaging
- Built-in 2.0 Megapixel Digital Camera
- Voice Dial
- Media Player
- Memory Card Slot (microSD™/microSDHC™ — up to 32 GB)

Note: The i220 phone supports the wireless headset, hands-free, dial-up networking, personal area network, A2DP, AVRCP, phonebook access, serial port, basic printing, file transfer, and object push profiles for Bluetooth® wireless technology.

Side Views of Your Phone



Features

1. **Volume Key** — From the **Home** screen, lets you adjust the incoming System Volume. When receiving a call, lets you temporarily mute the ringer.

2. **Camera Key** — From the **Home** screen, pressing this key launches the **Contents Manager** screen; and pressing and holding this key launches the Camera feature of your phone. In Camera mode, pressing this key takes pictures.
3. **Power / Accessory Connector** — Used to connect charging accessories or optional accessory cables to your phone.
4. **Headset Connector** — Used to connect an optional headset (for hands free operation and/or music playback) or an optional TTY device.
5. **LOCK key** — Pressing this key returns you to the **Home** screen and manually locks all keys except the **Unlock** soft key. Pressing and holding this key launches the **Quick List** menu.

Front View of Your Phone



Features

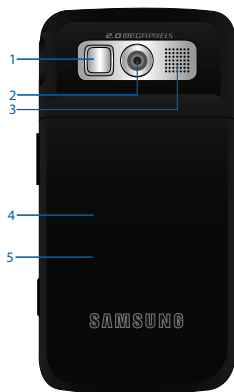
1. **Charging Indicator** — Glows red when the battery is being charged. Glows green when the battery is completely charged.

2. **Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators and contents, signal strength, and so on.
3. **Navigation Key / Jog Wheel** — In Menu mode, lets you scroll through the phone menu options. From the **Home** screen, press the Navigation key Left or Right to browse the icons in the Icon Bar, or press the Navigation key Up or Down or rotate it as a Jog Wheel to browse or scroll through any menu panes/options or icons appearing in the display.
4. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
5. **Send Key** — Lets you place or receive a call. From the **Home** screen, press the key once to access the recent calls log.
6. **Home Key** — Press to return to the Home screen.
7. **QWERTY Keypad** — Use these keys to enter numbers, letters, and symbols.
8. **Fn Key** — Toggles the text input mode to let you use the QWERTY keypad to enter numbers and symbols as well as letters.
9. **Shift Key** — Toggles capitalization for text input between mixed case (Abc), uppercase (ABC), and lowercase (abc). Capitalization remains as selected until you press the Shift key again.
10. **Sym Key** — When entering text, press to launch a Symbols screen for selecting symbols.
11. **Space/Vibrate Mode Key** — Lets you enter spaces between words and characters. Press and hold this key to place the phone in Vibrate mode.
12. **Voice Commands Key** — Press and hold this key to activate Voice Commands.
13. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
14. **Messaging Key** — Launches the **Text Messages** screen.
15. **Enter Key** — Press to accept a text entry or to enter spaces between lines of text.

- 16. **Del Key** — In text entry mode, deletes characters from the display.
- 17. **BACK Key** — In text entry mode, deletes characters from the display. In menu mode, returns you to the previous menu or screen.
- 18. **End Key** — Ends a call. Returns you to the Home screen. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
- 19. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.
- 20. **OK Key** — When navigating through a menu, accepts the highlighted choice in a menu. When selecting settings in an option screen, displays a list of available settings.
- 21. **Light Sensor** — Adjusts display brightness according to available light.
- 22. **Earpiece** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.

- 23. **LOCK key** — Returns you to the Home screen and manually locks all keys except the **Unlock** soft key.

Rear View of Your Phone



Features

- 1. **Mirror** — Helps you center the camera lens when taking self portraits.
- 2. **Camera Lens** — The lens of your built-in camera.

- 3. **Speaker** — Reproduces music, video soundtracks, and other sounds played by your phone.
- 4. **Battery Cover** — Secures and protects the battery and the optional microSD memory card.
- 5. **microSD (Memory Card) Slot** — Inside the battery compartment — Lets you install and remove optional microSD Memory Card for additional image/photo storage and for music storage.

Command Keys

Soft Keys

Functions for the soft keys are indicated by labels that appear in the display above each soft key. There are two soft keys, Left () and Right ().

Left Soft Key

Some functions of the Left soft key () are as follows:

- From the **Home** screen, press the **Start** soft key () to open the **Start** menu.
- When the Left soft key function is Done, press the **Done** soft key () to exit the current screen or menu and save any changes.

Right Soft Key

Some functions of the Right soft key () are as follows:

- From the **Home** screen, press the **Contacts** soft key () to launch the **Contacts** screen.
- When the Right soft key function is Menu, press the **Menu** soft key () and a pop-up menu appears.
- When the Right soft key function is Cancel, press the **Cancel** soft key () to back up one menu level.

OK Key

- From the **Home** screen, press the **OK** key () to launch the **Date and Time** screen.
- In a menu, press  to accept the highlighted selection.
- In camera mode, press  to take a photo.
- In a list, press the **OK** key () to view a highlighted item.

Send Key

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

- When receiving a call, press  once to answer the call.
- Enter a number and press  to make a call.
- From the **Home** screen, press  to display a list of recent calls to and from your phone and of Contacts.
- Press  twice from the **Home** screen to call the most recent number.

- Press  to pick up a waiting call. Press  again to switch back to the other call.

BACK Key

The **BACK** key () is used to return to a previous menu or to return to Home screen from the **Start** menu. In some screens, you can also use the key to erase or clear numbers, text, or symbols from the display.

- To back up one menu level, briefly press .

Del Key

The **Del** key () is used to erase or clear numbers, text, or symbols from the display.

- If you enter an incorrect character, briefly press  to backspace (and delete) the character.
- To erase the entire sentence, press and hold .

End Key

- Press and hold the **End** key () to turn your phone on or off.
- Briefly press  once to disconnect a call.
- Press  to return to standby mode from any menu, or to cancel the last input.

Navigation Key/Jog Wheel

Use the directional keys on the Navigation key () , or rotate it as a Jog Wheel, to browse menus, sub-menus, and lists.

Camera Key

From the **Home** screen, press and hold the Camera key () — located on the right side of your phone — to activate the camera built into your phone.

In camera mode, pressing the Camera key () takes a picture

Note: For more information, refer to “Camera – Camcorder” on page 74.

Fn Key

The Fn (Function) key ()

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.



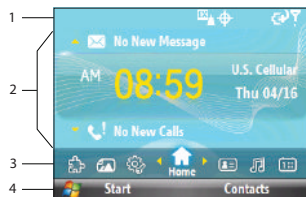
The keys are labeled with a letter on the lower half and a number or symbol on the upper half. Press the key corresponding to the character you want to enter.

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

	Press to delete characters. Tip: You can also delete a character by pressing  .
	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 to pop-up the first of four pages of symbols in which you can select desired symbols. You can jump to symbols on the pages by pressing an associated letter key.
	Press to toggle entry mode between Abc and 123.
	Press to insert a space in a text entry.

Understanding the Display Screens

Main Display



1. The top line of your phone's display contains icons that indicate network status, battery power, signal strength, and more. (For more information, refer to *"Display Screen Icons"* on page 23.)
2. The center portion of the display shows information such as menus, call progress information, messages, and photos.
3. The Icon bar is used to select which Home screen menu appears in the Samsung WizPro **Home** screen. (For more information, refer to *"Auto Answer"* on page 108.)

4. The bottom line of the display shows current soft key functions. The sample screen shows that pressing the Left (**Start**) soft key will display the **Start** menu and pressing the Right (**Contacts**) soft key will show the **Contacts** screen.

Display Screen Icons

The following icons can appear in the Status bar:



Shows the strength of the signal. You can also view the following service status:



- Wireless is turned off.



- No wireless coverage.



Appears when the ring type has been set to Vibrate in the current profile or the ring tone in Sounds has been set to Vibrate. Also, appears when the Silent profile is activated.



Appears when Bluetooth is activated. For details, see page 116.



Appears when a Bluetooth headset or handsfree kit connects with your device.



GPS location is on.



GPS location is off unless you make an emergency (911) call.



Appears when a text (SMS) message has been received.



Appears when an Email message or multimedia (MMS) message has been received.



Appears when a new voicemail has been received.

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, the display backlight dims and turns off after 7 seconds to conserve battery power, regardless of the Backlight setting. (For more information, refer to “Power Management” on page 115.)

Your Phone’s Modes

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.

From the **Home** screen, you will see the time, day, and date as well as all phone status icons.

Place Calls From the Home Screen

1. From the **Home** screen, enter a phone number, and press  to place a call.
2. Press  to return to standby mode.

Receive Messages From the Home Screen

You can receive text or MMS messages from the **Home** screen. An alert tone sounds and the message text or a notification message appears in the display when a new message arrives.

The following message options appear when you press the **Menu** soft key:

- **Reply** — Compose and send a message replying to this message.
- **Delete** — Delete this message from the Inbox folder.
- **Go to Inbox** — Lets you review this message and others and lets you access additional message options.

Highlight the desired message option and then press .

Adjust the System volume

From the **Home** screen, you can adjust the System volume for your phone by pressing the Volume key (on the left side of the phone) Up or Down. The System volume controls the volume of all sounds played by your phone, such as ringers, alerts, alarms, and multimedia files.

1. From the **Home** screen, press the Volume key Up or Down to set the System volume as desired.

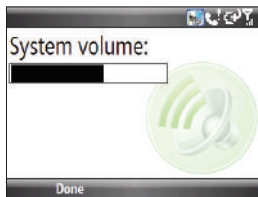
When you are satisfied with the setting, press **Done**. Your phone returns to standby mode.

Adjusting Individual Volume Settings

You can adjust individual volume settings by selecting a sound Profile and/or by changing individual sound Profile volume settings.

To select a sound Profile:

1. From the **Home** screen, press and hold the LOCK key. The Quick List appears in the display showing the following



Profiles:

- **Normal**
 - **Silent**
2. For more profiles, select **More...** The following profiles appear in the Quick List screen:
 - **Vibrate**

Note: The Vibrate icon () appears in the display when the phone is in **Vibrate** mode.

- **Outdoor**
 - **Automatic**
3. Select the desired Profile.

Changing individual sound settings:

1. From the **Home** screen, press the **Start** soft key, then select **Settings → Profiles**. The following sound Profiles appear in the display:
 - **Normal**
 - **Silent**
 - **Vibrate**
 - **Outdoor**
 - **Automatic**

2. Highlight the desired sound Profile, then press the **Menu** soft key and select **Edit**. The following sound settings for the selected Profile appear in the display:
 - Ring type
 - Ring volume
 - Reminder type
 - Reminder volume
 - Notification type
 - Notification volume
 - System sound volume
3. Highlight the desired setting and press the Navigation key Left or Right to change the highlighted volume setting.
4. To save your setting(s), press the **Done** soft key.

Call Answer Mode

You can choose to answer a call by pressing any key except , , or  or by pressing only  or the **Answer** soft key. (For more information, refer to “*Call Options*” on page 108.)

Talk Mode

You can place and receive calls only when your phone is on. While in a call, your phone is in talk mode. Press the **Menu** soft

key to display a list of menu options. (For more information, refer to “*The In-Use Options Menu*” on page 32.)

Enter/Exit Vibrate Mode

Silences the tones your keypad makes when you press a key and replaces all ringers with vibration.

To enter Vibrate Mode:

- From the **Home** screen, press and hold . The phone vibrates and the Silent Mode icon () appears in the display and your sound Profile automatically changes to **Vibrate**. (For more information, refer to “*Adjusting Individual Volume Settings*” on page 25.)

To exit Vibrate Mode:

- While in Vibrate mode and standby mode, press and hold . The Silent Mode icon () disappears from the display and your phone automatically returns to your preset/preselected sound Profile. (For more information, refer to “*Adjusting Individual Volume Settings*” on page 25.)

Speakerphone Mode

Speakerphone mode lets you use your phone hands-free and/or share calls with others.

- **Entering Speakerphone Mode** — During a call, press the **Menu** soft key, then select **Speakerphone On**.
- **Exiting Speakerphone Mode** — During a call, press the **Menu** soft key, then select **Speakerphone Off**, or end the call.

Hands-free Mode

Hands-free mode lets you operate your phone remotely, without touching it other than to turn it on or off.

To place your phone in Hands-free mode, do one of the following:

- Connect an optional wired headset.
 - or –
- Pair and connect an optional Bluetooth technology headset or hands-free car kit. (For more information, refer to “*Set up a Bluetooth headset*” on page 11.)

Camera Mode

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

(For more information, refer to “*Camera – Camcorder*” on page 74.)

- **Entering Camera Mode** — From the **Home** screen, press and hold the Camera key () — on the right side of the phone.
- **Exiting Camera Mode** — Press .

Note: You can also enter Camera mode by pressing the **Start** soft key and selecting **Camera**.

Camcorder Mode

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

(For more information, refer to “*Camera – Camcorder*” on page 74.)

- **Entering Camcorder Mode** — From the **Home** screen, press and hold the Camera key () — on the right side of the phone — then press .
- **Exiting Camcorder Mode** — Press .

Note: You can also enter Camcorder mode by pressing the **Start** soft key and selecting **Camera**, then pressing the **Menu** soft key and selecting **Mode** ( → **Camcorder** ().

Input Mode

Input mode determines how you enter text, numbers, and symbols. While at any text entry screen, press the Left soft key, then choose the input mode from the pop-up menu using the Navigation key. Optional input modes are **abc**, **ABC**, **ABC**, **Fn**, **Fn**, and **Symbols**. (For more information, refer to “*Entering Text*” on page 21.)

Tip: You can toggle between **abc**, **ABC** and **ABC** entry modes by pressing .

You can toggle between **abc**, **Fn** and **Fn** entry modes by pressing .

Lock Modes

When the phone is in a 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.

Manually Locking Your Phone

Press and hold the LOCK key at the top of your phone (.

Unlocking Manual Lock

Press the **Unlock** soft key, then press .

Unlocking Automatic Lock

Unlock your phone by entering the lock code when prompted.
(For more information, refer to “*Device Lock*” on page 121.)

Section 3: Call Functions

This section explains how to make and answer calls. This section also describes the features and functionality associated with making or answering calls.

Turning the Phone Functions On and Off

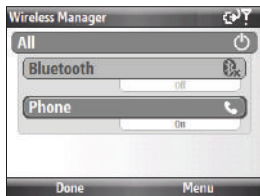
When set to **Off**, the Wireless Manager's **Phone** option disables all radio functions of your phone. This prevents you from receiving or making calls (except emergency calls), but allows you to use other features (such as the camera and the Organizer) safely in sensitive environments, such as on board an aircraft.

1. At the **Home** screen, press and hold the LOCK key (). The **Quick List** appears in the display.

2. Select **Wireless Manager**. The

Wireless Manager screen appears in the display showing the following options:

- **All** — Toggles both the Bluetooth and radio functions of your phone to On / Off at the same time.



- **Bluetooth** — Enables/disables the Bluetooth functions of your phone.
- **Phone** — **On / Off** — Enables/disables the radio functions of your phone.

Tip: At the **Home** screen, you can also launch Wireless Manager by pressing the **Start** soft key and selecting **Settings** → **Connections** → **Wireless Manager**.

3. If the **Phone** option is set to **Off**, select the **Phone** option to set it to **On**.
4. To exit the Wireless Manager, press the **Done** soft key.

Making Calls

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

Manual Dialing

1. With the phone on, enter the number you wish to call using the keypad.
2. Press  to place the call.

Dialing Emergency Numbers

To place an emergency call:

1. With the phone on, enter 911 using the keypad.
2. Press  to place the call.

You can specify other numbers as emergency numbers using the **Emergency #** settings. (For more information, refer to “Emergency Numbers” on page 122.)

Important! Emergency number 911 is preset into your phone. You can dial this number almost any time, even when the phone is locked or restricted.

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

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

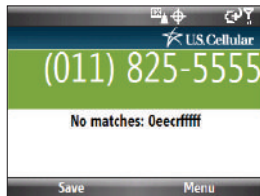
Important! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Dialing International Numbers

Call Another Country —

Manual Method:

1. From the **Home** screen, enter **011** (the three-digit exit code for the United States).
2. Enter the country code for the country that you are calling (in this example, **82** for South Korea).
3. Enter the number that you wish to call, then press .

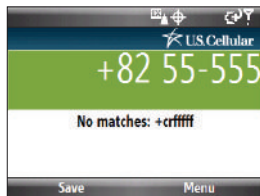


Note: Puerto Rico and Canada are on the North American dialing plan. Making calls to Puerto Rico and Canada is similar to making calls within the United States, no unique country codes are necessary.

Call Another Country —

Shortcut Method:

1. From the **Home** screen, press and hold  until a plus sign (+) appears in the display.



Note: When you press , your phone automatically replaces this + with 011, the three-digit exit code for the United States.

2. Enter the number that you wish to call, then press .
3. Press  to call the number.

Calling 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. Press the **Contacts** soft key. The Contacts **Find** screen appears in the display.
2. Enter the first few letters of a Contacts list entry name. (For more information, refer to “*Entering Text*” on page 21) The Contacts list displays the first few entries with names matching the letters you entered.
3. Highlight the Contact you wish to call and press . (For more information, refer to “*Understanding Your Contacts*” on page 38.)

Speed Dialing

Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for

your contacts. (See “*Assigning Speed Dial Numbers*” on page 40.)

One-Touch Dialing

Speed Dial numbers 2 through 9 are special One-Touch dialing numbers. You can call the phone numbers stored in your phone's Contacts list and assigned Speed Dial numbers 2 through 9 by pressing and holding a single key.

Example: For Speed Dial number 3, press and hold the  key until the name and number appear in the display and the number is dialed.

Two-Touch Dialing

Memory locations 10 through 99 are special Two-Touch dialing locations.

Example: For location number 13, briefly press , then press and hold  until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

- If you speed dial a contact that contains (two-second) P pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you speed dial a contact that contains (hard) W pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card

number, bank account number, and so on) and enter the appropriate response(s).

Calls Log Dialing

You can place a call to any number or Contact listed in the Calls Log.

1. From the **Home** screen, press . The combined recent Calls and Contacts search screen appears in the display.

2. Highlight a call by browsing the list by pressing the Navigation key Up or Down.

— or —

By entering a string of numbers or letters and searching the list.

3. Press  to call the highlighted number or Contact.

Answering Calls

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

- A ringtone sounds and/or your phone vibrates.
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.

- Your phone continues to notify you of the call until one of the following events occurs:

- You answer the call.
- You ignore the call.
- You mute the ringer.
- The calling party ends the call.
- The call is sent to voicemail.

Answering an Incoming Call

- To answer a call, press  or press the **Answer** soft key. The ringtone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to automatically answer calls or to answer calls when you press any key but the  key. (For more information, refer to "Call Options" on page 108.)

Adjusting the Call Volume

During a call, press the Volume key () Up or Down until the you hear the other party to the call at the desired loudness. The Volume key is on the left side of phone.

The In-Use Options Menu

You can access numerous menus and features while in a call.

Note: If the call is disconnected while you are accessing an In-Use Option, the In-Use Option disappears from the display and the phone eventually returns to standby mode.

1. While in a call, press the **Menu** soft key. The following menu items appear in the display:
 - **Mute / Unmute** — Blocks/restores sound going to the other parties on this call.
 - **Speakerphone On / Off** — Enables/disables Speakerphone mode.
 - **Turn Hands-free On / Off** — Enables/disables Hands-Free mode. (Requires a headset or optional Handsfree Kit.)
 - **Contacts** — The Contacts Find screen appears in the display.
 - **Save to Contacts** — Saves the number calling/called to the Phonebook.
 - **View Calendar** — Launches the Calendar. (For more information, refer to “*Calendar*” on page 60.)
 - **Call History** — The calls list appears in the display.
2. Select the desired sub-menu or feature.

Ignoring a Call

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

- During an incoming call, press the **Ignore** soft key. The caller is forwarded to your voice mail.

Muting the Ringer

To temporarily mute the Incoming Call ringer when receiving a call, press the Volume key, on the left side of your phone, Up or Down.

Note: Muting the ringer does not forward an incoming call to your voice mail.

Using the Speakerphone

During a call, you can place your phone in Speakerphone mode to free your hands or to share a call with others.

- **Entering Speakerphone Mode** — During a call, press the **Menu** soft key, then select **Speakerphone On**.
- **Exiting Speakerphone Mode** — During a call, press the **Menu** soft key, then select **Speakerphone Off**, or end the call.

Displaying Your Phone Number

To display the phone number your Wireless Provider has assigned to your phone:

- From the **Home** screen, press the **Start** soft key, then select **Settings → More... → More... → Phone Information**. The **Phone Information** screen appears in the display showing the phone number assigned to your phone.

Reviewing Your Call History

To review your recent calls, press .

To review all of your calls, press , then press the **Menu** soft key and select **View → All Calls**.

Roaming-Networks

What is Roaming?

Roaming lets you use your i220 phone when you travel outside of your Wireless Provider's coverage area. Extra charges may apply when making or receiving calls.

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

How Roaming Works

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

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

Note: For more information, refer to “Roaming” on page 121.

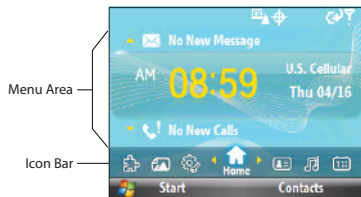
Section 4: Menu Navigation

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

Home Screen Menus

The i220 Home screen has unique, selectable Home screen layouts. Some of these Home screen layouts include transparent, sliding panel menus, accessed with the Icon Bar (Samsung WizPro) and/or the Navigation key/Jog Wheel. (For more information, refer to “Home Screen” on page 109.)

Samsung WizPro Home Screen



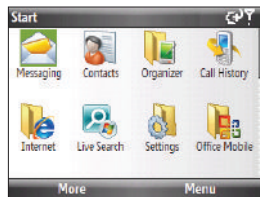
The **Samsung WizPro** Home screen layout provides a set of transparent, sliding panel menus that give you shortcut access to frequently-used features and functions of your i220, some of which you can setup.

- ▶ To change sliding panel menus, press the Navigation key () Left or Right to select any of the available icons.
- ▶ To browse a menu and display/highlight options, press the Navigation key Up or Down or rotate it as a Jog Wheel. To select a menu option, highlight it and press .
- ▶ To return to the **Home** menu, highlight the Samsung WizPro **Home** icon () or press .

Start Menu

The **Start** menu is a multi-page group of icons that give you access to the functions, features, and settings for your phone.

- ▶ To page through the **Start** menu, press the **More** soft key.
- ▶ To scroll through the **Start** menu or to highlight a particular icon, use  as a Navigation key or as a Jog Wheel.



Shortcuts

The i220 offers the following three sets of shortcuts to more easily and quickly access frequently-used sub-menus of the **Start** menu:

- Samsung WizPro **Home** screen menus (See above.)
- The **Quick List** menu.
- Function keys (For more information, refer to “Fn Key” on page 21.)

Quick List

The **Quick List** menu gives you easy access to a set of frequently-used options. To launch the Quick List, do the following:

- From any screen, press and hold the Lock key () at the top right side of your phone.



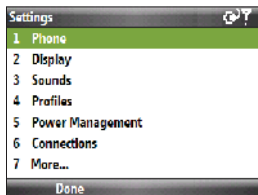
The following options appear in the display:

- **Power off** — Turns your phone off.
- **Lock** — Locks all of your phone's keys, except the **Unlock** soft key. All other keys light the backlight.
- **Task Manager** — Lets you review and manage the software tools and applications running in phone memory. (For more information, refer to “*Task Manager*” on page 69.)
- **Wireless Manager** — Launches the Wireless Manager screen which lets you enable/disable the Bluetooth and Phone (radio) functions. (For more information, refer to “*Wireless Manager*” on page 116.)
- **Normal** — Sound Profile (For more information, refer to “*Set sound Profile*” on page 13.)
- **Silent** — Sound Profile (For more information, refer to “*Set sound Profile*” on page 13.)
- **More** — Displays the Vibrate, Outdoor, and Automatic sound Profiles. (For more information, refer to “*Set sound Profile*” on page 13.)

Numbered Menus

The options in a number of the sub-menus and pop-up menus are numbered for quick access, such as the **Settings** sub-menu.

- To select a menu option, press the respective number key.



Example: To select **Power Management**, press .

To page through the **Settings** sub-menu, press .

Section 5: Understanding Your Contacts

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name.

Contact Information

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and one Email address. Each phone number can be up to 32 digits in length, including 2-second **Pauses** or **Waits**, and associated names can be up to 32 characters in length. You can also assign a Speed Dial number of your choice for each entry.

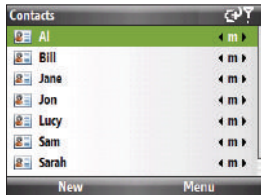
Tip: Speed Dial **One-Touch Dialing** and **Two-Touch Dialing** allow you to call numbers stored in Contacts faster.

Adding a Contact

You can use any of three methods to add an entirely new entry to the Contacts list.

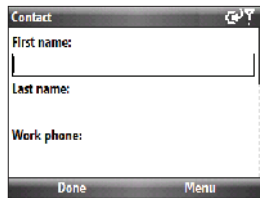
Menu Method

1. From the **Home** screen, press the



Start soft key, then select **Contacts**. The **Contacts** screen appears in the display.

2. Press the **New soft** key. The **Contact** screen appears in the display with fields unpopulated.
3. Enter or select values for each field in turn.



- Highlight each field by pressing the Navigation key Up or Down.
 - Enter values using the keypad.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted selection field by pressing **○**.
4. To save your settings, press the **Done** soft key.

Call Save Method

1. During a call, press the **Menu** soft key and select **Save to Contacts**. The **Select a Contact** screen appears in the display.

2. Select the **<New Contact>** option. The **Save to Contact** screen appears in the display with the new number populating a **Number** field.
3. Enter or select values for other fields in turn.
 - Highlight each field by pressing the Navigation key Up or Down.
 - Enter values using the keypad.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted selection field by pressing .
4. To save your new Contact, press the **Done** soft key.

Adding Dialing Pauses

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

- **2-Sec Pause** — P pause — A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.
- **Wait** — W pause — A hard pause stops the calling sequence until you press .

To add pause(s) to Contacts:

1. Create a new contact. (For more information, refer to “*Menu Method*” on page 38 or see “*Call Save Method*” on page 38.)
2. Press the **Menu** soft key. A pop-up menu containing the following options appears in the display:
 - **Insert Pause** — a two-second pause — adds a “p” to the number.
 - **Insert Wait** — a hard pause (awaits input from you) — adds a “w” to the number.
3. Select the desired pause option.
4. To save your new Contact, press the **Save** soft key.

Note: If you select **2-Sec Pause**, **P** appears in the display. If you select **Wait**, **W** appears in the display.

Receiving Contacts from Other Phones

1. Pair with another phone using Bluetooth. (For more information, refer to “*Bluetooth*” on page 116.)
2. When prompted, accept connection with the other Bluetooth device.
3. Verify the new Contact is in the **Contacts** list.

Finding a Contact

1. From the **Home** screen, press the **Start** soft key, then select **Contacts**. The **Contacts** screen appears in the display.
2. Enter the first few letters of the Contact name. (For more information, refer to “*Entering Text*” on page 21) A list of matching Contacts appears in the display.
3. Highlight the desired Contact by pressing the Navigation key Up or Down.

Changing Contact Information

1. From the **Home** screen, press the **Start** soft key, then select **Contacts**. The **Contacts** screen appears in the display.
2. Find and highlight the Contact you want to change. (For more information, refer to “*Finding a Contact*” on page 40.)
3. Press the **Menu** soft key, then select **Edit**.
4. Enter or select new values for each field in turn.
 - Highlight each field by pressing the Navigation key Up or Down.
 - Enter/change values using the keypad.
 - Select values by pressing the Navigation key Left or Right.

- View a list of available values for a highlighted selection field by pressing .

5. To save your settings, press the **Done** soft key.

Assigning Speed Dial Numbers

1. From the **Home** screen, press the **Start** soft key, then select **Contacts**. The **Contacts** screen appears in the display.
2. Find and select the Contact you wish to assign to a Speed Dial number. The **Contact** screen appears in the display showing the selected Contact's information.
3. Press the **Menu** soft key, then select **Add to Speed Dial**. The **Add Speed Dial** screen appears in the display with the selected Contact's information populating the screen.
4. If desired, highlight the **Keypad assignment** field and select a new Speed Dial number.
5. To save your setting, press the **Done** soft key.

Deleting a Contact

1. From the **Home** screen, press the **Start** soft key, then select **Contacts**. The **Contacts** screen appears in the display.

2. Find and select the Contact you wish to delete. The **Contact** screen appears in the display showing the selected Contact's information.
3. Press the **Menu** soft key, then select **Delete Contact**. You are prompted to confirm your deletion.
4. To confirm your deletion, press the **Yes** soft key.

Section 6: Messaging

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

Types of Messages

Your i220 can send Text (SMS) messages, Multimedia [picture or video (MMS)] messages, E-mail messages, and Instant Messages(IM).

Text and Multimedia Messages

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

E-mail Messages

With the i220 you can send E-mail in two ways:

- Directly, through an Internet Protocol (IP) account ,or
- Indirectly, by using Microsoft ActiveSync™ to exchange E-mail through your PC

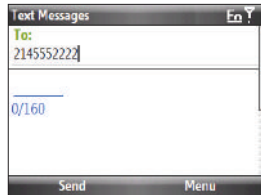
Instant Messages

The i220 includes Windows Live® for Mobile and Windows Live® Messenger instant messaging.

Sending Messages

Creating and Sending Text Messages

1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **Text Messages**. The **Text Messages** screen displays showing the contents of a Text Messages folder (in this case, the **Inbox** folder).
2. Press the **Menu** soft key, then select **New**. The **Text Messages** composition screen displays.
3. Enter multiple phone number or E-mail addresses of recipient(s) in the **To** field.
 - Use the keypad to place a semicolon between numbers, if there is more than one recipient.
4. Select the message text input field and use the keypad to enter the text content of your message. (For more information, refer to “*Entering Text*” on page 21.)



Note: There is a 160-character limit for text messages. If you send a text message with more than 160 characters, the message is truncated after the first 160 characters and the remaining characters are then sent in consecutive messages until the entire message text has been sent. Charges may apply in accordance with the sender's and the recipient's calling plans.

5. For additional message options, press the **Menu** soft key.

The following options are available:

- **Add Recipient** — Add Contacts entries.
- **Check Names** — Check contacts for the name of the recipient.
- **Insert** — Insert a Picture, Sound, Video, or Voice Notes file into your message. This automatically changes a Text message to a Multimedia (MMS) message.
- **My Text** — Add pre-composed text to this message.
- **Save to Drafts** — Saves the message to the draft folder.
- **Copy/Paste** — Lets you select some or all text in this message, cut or copy the selected text, and paste the cut or copied text at a new place in the message.
- **Cancel Message** — Cancels the new message.
- **Message Options** — Launches the **Message Options** screen, which lets you select whether to receive notification when this message is delivered, change the delivery Priority, and change the Callback number to be included with this message.

6. Press the **Send** soft key to transmit your message to the selected recipients.

Checking Names Within a Text Message

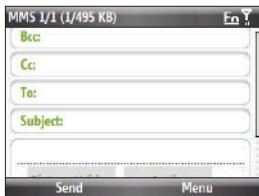
- While creating a Text message (see “*Creating and Sending Text Messages*” on page 42), press the **Menu** soft key and select **Check Names**.

Recipient names currently used within the **To** field are verified against the current Contacts list and e-mail addresses are reviewed to verify they conform with the standard E-mail formats.

Creating and Sending Multimedia Messages

1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **MMS**. The **MMS** screen appears in the display showing the contents of a Messages folder.

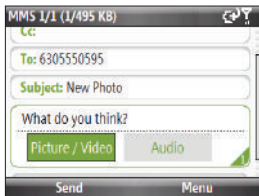
2. Press the **Menu** soft key, then select **New**. The Multimedia Message composition screen displays.



3. Enter the phone number or E-mail addresses of up to ten recipient(s) in the **To** field.

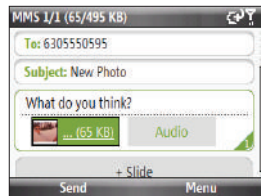
- Use the keypad to place a semicolon between numbers, if there is more than one recipient.

4. Select the **Subject** field and use the keypad to enter a subject for your message.



5. Select the message text input field and use the keypad to enter the text content of your message. (For more information, refer to “Entering Text” on page 21.)

6. To add existing photos, music files, or video clips to your message or to launch the Camera or Sound Recorder to take or record new



files and add them to your message, select the appropriate icon(s) on the bottom line of the Multimedia Message composition screen.

7. To access additional Multimedia message options, press the **Menu** soft key. The following options are available:

- **Preview** — Allows you to preview the new MMS message prior to delivery.
- **Add Recipients** — Add Contacts entries or numbers from the recent Calls log.
- **Edit Item** — Lets you Copy, Cut, Paste, Remove, or Replace a picture, video, or sound file.
- **Add** — Lets you attach both pre-existing or new files to the new MMS message: Picture, Sound, Voice Notes, Video, New Picture, New Sound, New Video, Text and MMS Template.
- **Attach** — Attach your vCard, vCalendar, or a File.

- **Edit Slide** — Add Slide, Delete Slide, Order Slide, Text Style, Background Color, Duration, Move Slide Up, Move Slide Down in a multi-page message.
- **Save to** — Lets you save the current Multimedia message as a Draft or an MMS Template.
- **Cancel Message** — Lets you save the current message as a draft and exit the message composer.
- **MMS Options** — For more information, refer to “*Configuring Multimedia Message Parameters*” on page 50

8. Press the **Send** soft key to transmit your message to the selected recipients.

Note: Charges may apply in accordance with the sender's and the recipient's calling plans.

Using My Text Messages

My Text Messages consist of 9 pre-composed text message phrases you can quickly insert into the body of a new message or as a response to a received message without having to type a message. These default messages are:

- **What are you up to?**
- **Just checking in...**
- **Where are you?**
- **Check this out!**
- **I'll be right there.**

- **I'm running late.**
- **I'll get back to you.**
- **Urgent! Please reply ASAP.**
- **Let's catch up soon.**

Inserting My Text in a Message

1. Create a new message. (For more information, refer to “*Sending Messages*” on page 42)
2. Press the **Menu** soft key and select **My Text**.
3. Select a desired message from the list. The selected message is then inserted into the body of the message.
4. Complete your message. (For more information, refer to “*Sending Messages*” on page 42)
5. Press the **Send** soft key to transmit your message to the selected recipients.

Editing My Text

1. Create a new message. (For more information, refer to “*Sending Messages*” on page 42)
2. Press the **Menu** soft key and select **My Text**.
3. Select a pre-existing Text Message entry.

4. Press the **Menu** soft key and select **Edit My Text**. The highlighted Text Message is opened for editing.
5. Use the keypad to edit the text. (For more information, refer to “Entering Text” on page 21.)
6. Press the **Done** soft key to save your changes.
7. Press the **Insert** soft key return to the message and include your changed text.

Retrieving a Message

When you receive a new text, picture, or video message, the message ringer sounds (unless turned off) and the message displays in a preview pane.

Note: The **Text Message Notification**  icon displays on the top of the screen.

1. To remove the preview pane from the **Home** screen, press .
2. To re-open and display the message in the preview pane, press the **Notification** soft key.
3. To reply to the displayed message, press the **Reply** soft key.

Read Text Messages Options

Several message features are available when reading a text message.

- ▶ While reading a received text message, press the **Menu** soft key. The following options are available:
 - **Delete** — Deletes the message.
 - **Forward** — Send a copy of this message to another recipient.
 - **Insert** — Add **Picture**, **Sound**, **Video**, or **Voice Notes** files to any reply to this message.
 - **My Text** — Add pre-composed text to any reply to this message.
 - **Save to Drafts** — Saves a copy of any reply to this message in the Drafts folder.
 - **Copy/Paste** — Lets you select some or all text in this message, cut or copy the selected text, and paste the cut or copied text at a new place in the message.
 - **Close** — Returns you to the **Inbox** folder contents screen.
 - **Message Options** — Inactive.

Read Multimedia Message Options

Several message features are available when reading a Multimedia message.

- ▶ While reading a received Multimedia message, press the **Menu** soft key. The following options are available:

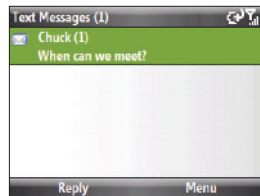
- **Delete** — Delete this message.
- **Reply** — Send a Text or Multimedia message reply to the sender.
- **Reply All** — Send a Text or Multimedia message reply to all recipients of the message.
- **Forward** — Allows you to forward the message to another number or email address.
- **Mark as Unread** — Lets you mark the message as unread. Unread messages are boldfaced on the message list.
- **Save to Contacts** — Save sender's number to your Contact list.
- **Save as Bookmark** — Save a URL included in this message as a bookmark.
- **Save as Multimedia Msg. Temp...** — Save this message as a pre-composed, Multimedia message template for later reuse.
- **Attached Files...** — View and/or save attached picture file and/or sound file, or video file.
- **Multimedia Msg. Options...** — Set Sending, Receiving, Profile, Compose options for Multimedia message.
- **Properties** — Displays **Message Info** screen containing Subject, Send Date, From, Size, Priority, Expiry, Type, and Read Report information.

Accessing Message Folders

Although this procedure shows Text Messages folders, the basic process and folder types are the same for all message types.

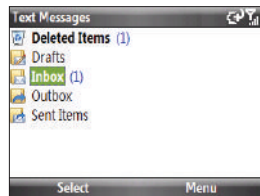
1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **Text**

Messages. The **Text Messages** screen



displays showing the contents of a Messages folder (in this case, the **Inbox** folder).

2. Press the **Menu** soft key and select **Folders**. A menu tree that lists Text Messages folders appears. The available Text Messages folders are:



- **Deleted Items** — Stores messages that you delete from the other folders. This lets you recover messages that were erased accidentally.
- **Drafts** — Lets you store messages for later completion and/or reuse.

- **Inbox** — Stores your incoming (received) messages.
- **Outbox** — Stores your outgoing messages until they are sent.
- **Sent Items** — Stores your outgoing messages that have been sent.

(For information about **Outlook E-mail** folders, refer to the Microsoft Outlook user manual.)

3. To display the contents of a folder, select it.

Received Text Message Options

Several message features are available for received text messages.

1. From the **Messages Inbox** folder screen, highlight a text message and press the **Menu** soft key. The following options are available:
 - **New** — Lets you create a new Text or Multimedia message.
 - **Delete** — Removes this message from the Inbox folder and places it in the Deleted Items folder. To delete more than one message, use the **Select Messages** option.
 - **Mark as Unread / Read** — Changes the status of this message from Read to Unread.
 - **Move** — Lets you move this message to other folders.
 - **Folders** — Lets you display the contents of the Text Messages folders: Deleted Items, Drafts, Inbox, Outbox, and Sent Items.

Tools:

- **Switch Accounts** — Returns you to the **Messaging** menu to select another Messaging account: Text Messages, MMS, or an Outlook E-mail account.
- **Empty Deleted Items** — Allows you to permanently erase all messages from the Deleted Items folder.
- **Options** — Allows you to change the Messaging options.
- **Select Messages** — Select All messages, All Below this message, or Several messages to which other functions will be applied.
- **Reply/Forward** — Lets you Reply to the sender of this message, Reply to the sender and All receivers of this message.

Received Multimedia Messages Options

Several message features are available for received Multimedia messages.

1. From the **Messages Inbox** folder screen, highlight a Multimedia message and press the **Menu** soft key. The following options are available:
 - **New** — Lets you create a new Text or Multimedia message.
 - **Reply/Forward** — Sends a reply to the sender and/or all other recipients, or forwards this message to other people.
 - **Mark as Unread / Read** — Changes the status of this message from Read to Unread.
 - **Move** — Lets you move this message to any of the other MMS folders.

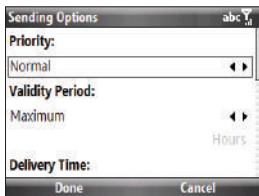
- **Folders** — Lets you display the contents of the MMS folders: Deleted Items, Drafts, Inbox, Outbox, and Sent Items.
- **Message Info** — Shows the Subject, Sent Date, Size, Priority, Read Report, and Expiration time limit for this message.
- **Tools:**
 - **Switch Accounts** — Returns you to the **Messaging** menu to select another Messaging account: Text Messages, MMS, or an Outlook E-mail account.
 - **Empty Deleted Items** — Allows you to permanently erase all messages from the Deleted Items folder.
 - **Options** — Allows you to change the Messaging options.
- **Select Messages** — Select All messages, All Below this message, or Several messages to which other functions will be applied.
- **Send/Receive** — Select to send or receive new e-mail messages.
- **MMS Options** — For more information, refer to “*Configuring Multimedia Message Parameters*” on page 50.
- **Display** — Lets you select whether to show message dates and times in the message list, how the message list will sort messages, and what screen will appear in the display after you delete or move a message.
- **Sending** — Lets you specify whether to include a copy or an original message with any reply to that message and whether to save copies of sent items.
- **Signatures** — Lets you compose and assign a text signature to a specific Messaging account.
- **Account Settings** — Lets you select whether to request delivery notifications for your outgoing messages or whether to always send your callback number with your outgoing messages.
- **Setup E-mail** — Lets you setup a new Outlook E-mail account.
- **Security Settings** — Lets you specify whether Messaging with pop-up a warning before navigating to a URL or file link not on your phone.
- **Other** — Lets you specify whether Messaging will display the “account picker” screen when launched or whether Messaging will warn you to confirm deleting of messages.

Configuring Message Parameters

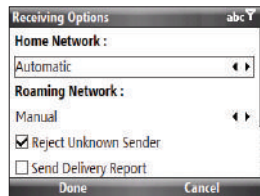
1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **Text Messages / MMS**. The **Text Messages / MMS** screen appears in the display showing the contents of a Messaging folder.
2. Press the **Menu** soft key, then select **Tools** → **Options**. The following options appear in the display:
 3. Select the desired option to display and change its settings.
 4. To save your changes, press the **Done** soft key.

Configuring Multimedia Message Parameters

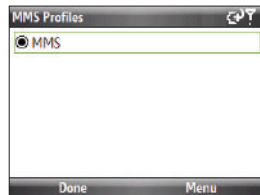
1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **MMS**. The **MMS** screen appears in the display, showing the contents of an MMS folder.
 2. Press the **Menu** soft key, then select **MMS Options**. The following options appear in the display:
- **Sending Options** — Lets you set delivery options and delivery reporting options for Multimedia messages.



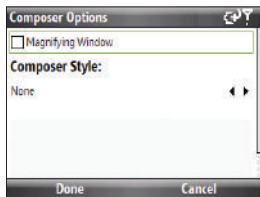
- **Receiving Options** — Lets you specify how your phone reacts to incoming Multimedia messages.



- **MMS Profiles** — Lets you select, create, and edit communication profiles for exchanging Multimedia messages with your carrier's messaging server.



- **Composer Options** — Lets you select Message Class and Creation Mode settings for composing Multimedia messages.



- **About** — Displays version information for Samsung's Multimedia Message software.
3. Press the **Done** soft key to save your new settings and return to the previous screen.

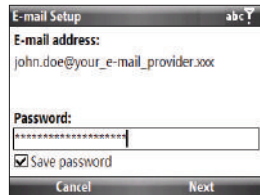
Accessing E-mail

You can configure i220 Messaging to send and receive E-mail using Microsoft Outlook, ActiveSync, and a PC or using an IP account.

Setting Up an Internet Service Provider (ISP) Account

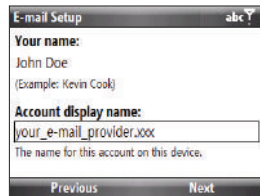
You can use your i220 to access the Internet for E-mail using a connection through your Wireless Carrier or using a Wi-Fi connection (For more information, refer to “Connections” on page 116.)

1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **Setup E-mail**.



2. Enter your E-mail address and password into the appropriate fields and press the **Next** soft key.

3. You are prompted to let your handset automatically obtain E-mail settings.



- If this account is to access a public ISP E-mail server, press the **Next** soft key.
- If this account is to access a private E-mail server (such as your employer's), disable this function by selecting the checkbox next to the prompt. The check mark disappears. Then, press the **Next** soft key.

Note: For private E-mail servers, you will be prompted for specific information about the server.

- Server URL or IP address
- Server access authentication (nearly always required and usually the same as your account ID and password)
- Whether the server requires SSL (Secure Sockets Layer)
- Type of connection used to access the server

Contact the server operators or your ISP for this information.

4. You are notified when setup is complete. (For ISP servers, you are prompted to select an automatic contact interval.)

Using an ISP for E-mail

You can configure the i220 to use an Internet Service Provider (ISP) or your network at work to send E-mail directly from the i220 without connecting to your PC through ActiveSync.

1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → your E-mail account.
2. Review your received E-mail as needed.
3. To create and send E-mail, press the **Menu** soft key, and select **New**. The E-mail composition screen displays.
4. Enter the E-mail address in the **To** field.
5. Select the **Subject** field and enter a subject.

6. Select the message text field and enter the content of your E-mail message.
7. When you're finished, press the **Send** soft key.

Setting Up an Outlook E-mail Account

- Install ActiveSync on your PC and set up a Standard Partnership, so you can send/receive E-mail. (For more information, refer to *"Setting Up and Configuring ActiveSync"* on page 99.)

Using Microsoft Outlook for E-mail

Using Microsoft Outlook, E-mail is composed off-line and is sent to the intended recipient(s) the next time you synchronize using ActiveSync.

Note: For more information on how to wirelessly synchronize your e-mail, refer to the Wireless Sync documentation included within the ActiveSync Companion CD.

1. From the **Home** screen, press the **Start** soft key, then select **Messaging** () → **Outlook E-mail**.
2. Review your received E-mail as needed.
3. To create an send E-mail, press the **Menu** soft key, and select **New**. The E-mail composition screen displays.

4. Enter the E-mail address in the **To** field.
5. Select the **Subject** field and enter a subject.
6. Select the message text field and enter the content of your E-mail message.
7. When you're finished, press the **Send** soft key.

Outlook E-mail Folders

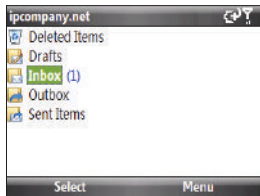
There are five message folders Outlook E-mail directory (see adjacent image).

The folders and their functions are similar to the folders in the Messages directory, except for Outbox.

Using ActiveSync, E-mail is stored in the Outbox until you synchronize with your PC.

Using an ISP, E-mail is stored in the Outbox folder until message sending is complete.

The following is a list of Outlook E-mail messaging folders and their functions.



- **Deleted Items** — sent to the Deleted Items folder. Once messages are removed from the Deleted Items folder, they are permanently erased.
- **Drafts** — contains all messages that were not completed and saved to send at a later date.
- **Inbox** — all incoming messages arrive and are stored in the Inbox until deleted. If memory is full, new messages are rejected. Delete older messages to free up space for incoming messages.
- **Outbox** — the Outbox stores unsent messages until they send.
- **Sent Items** — keeps a record of all sent messages from your device.

Configuring E-mail Parameters

1. From the **Home** screen, press the **Start** soft key, then select **Messaging** (✉) → **Messages** (✉). The **Messages** screen displays listing Messaging folders.
2. Highlight an E-mail folder.
3. Press the **Menu** soft key, then select **Settings**. The following options appear in the display:
 - **Edit Account Setup** — Lets you review/change all settings for your E-mail account(s).
 - **Send/Receive Schedule** — Lets you change how frequently your phone checks your E-mail accounts for new messages.
 - **Download Size Limits** — Lets you change the limit (in Kbytes) on the size of the initial portion of an e-mail message to be downloaded to your phone.

Launching Windows Live® Instant Messaging

To launch Windows Live:

- From the **Home** screen, press the **Start** soft key, then select **Internet → Messenger / Windows Live**.

Section 7: Internet

The Internet folder contains a number of applications to help you explore and enjoy the Internet.

Internet Explorer

You can use Internet Explorer to view web pages in two different ways:

- By downloading pages and then performing an ActiveSync operation.
- By connecting to the Internet Directly via your wireless data connection.

While browsing you can also download new files and programs.

Launch Internet Explorer

- From the **Home** screen, press the **Start** soft key, then select **Internet** () → **Internet Explorer** (.

Note: Microsoft Pocket IE does not support all browser functions supported by a PC. Therefore, browser functions might not work properly with some Internet sites.

Save Favorites

When you find a web page that contains useful or interesting information, it can be saved as a favorite.

1. standby mode, press the **Start** soft key, then select

Internet () → **Internet Explorer** (.

2. Press the **Menu** soft key, then select **Go to Web Address**.
3. Enter the web address into the Address field and press the **Go** soft key.
4. Press the **Menu** soft key and select **Add to Favorites**.
5. Select the **Name** field and use one of the text entry methods to enter a bookmark name.
6. Select the **Folder** field and choose a bookmark storage location (**Favorites**).
7. Select **Add** to store the bookmark and return to the web page.

— or —

Press the **Add** soft key to save the information and return to the active web page.

Internet Sharing

Internet Sharing lets you share i220 Internet connections with a single personal computer or with a network. (For more

information, go to <http://www.microsoft.com/windowsmobile/en-us/totalaccess/columns/windows-mobile-laptop-internet-access.msp.x>.)

To launch Internet Sharing:

- ▶ From the **Home** screen, press the **Start** soft key, then select **Internet** () → **Internet Sharing** ().

Messenger

For more information, refer to “*Launching Windows Live® Instant Messaging*” on page 54.

Podcast

Podcast is a podcatcher utility for locating, downloading, and playing podcast files.

RSS Reader

With RSS (Really Simple Syndication) Reader, you can have information sent to you from selected web sites, rather than having to visit these sites individually and repeatedly.

To setup RSS Reader, do the following:

1. From the **Home** screen, press the **Start** soft key, then select **Internet** () → **RSS Reader**. The **RSS Reader – Feeds** screen appears in the display.
2. Follow the instructions on the screen to setup your folders and subscribe to your feeds.

ShoZu

ShoZu is a social networking tool and service that lets you share photos, videos, and comments with members of your on-line communities.

To setup ShoZu, do the following:

1. From the **Home** screen, press the **Start** soft key, then select **Internet** () → **ShoZu**. The **Activate to continue** screen appears in the display.
2. Follow the instructions on the screen to create an account.

Windows Live

For more information, refer to “*Launching Windows Live® Instant Messaging*” on page 54.

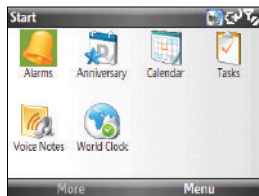
Section 8: Personal Assistant Tools

This section explains how to use your phone's digital assistant tools to schedule events, set reminders, perform calculations, and more.

Organizer

To access Organizer tools:

- From the **Home** screen, press the **Start** soft key, then select **Organizer** (). The **Organizer** screen appears in the display.

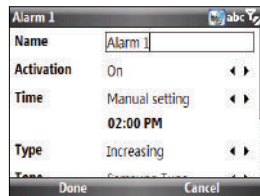
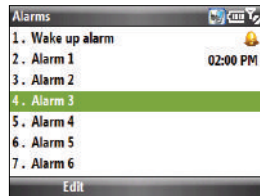


Alarms

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

1. From the **Organizer** screen, select **Alarms**. The following options appear in the display:
 - **Wake up alarm**
 - **Alarm 1**
 - **Alarm 2**
 - **Alarm 3**
 - **Alarm 4**
 - **Alarm 5**
 - **Alarm 6**
2. Select an Alarm. An **Alarm** screen appears in the display.
3. Enter or select values for each setting in turn.



- Highlight each setting.
- Select values by pressing the Navigation key Left or Right.
- View a list of available values for a highlighted setting by pressing .

4. To save your settings, press the **Done** soft key.

When an Alarm Sounds

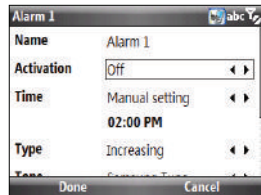
When the specified time for an alarm arrives, an alert sounds, an animated alarm clock appears in the display, and the following soft keys appear:

- **OK** — When **Snooze** is set to **Off**.
- **Snooze** and **Dismiss** — When **Snooze** is set to **1/3/5/7/10** min.
 - To silence the alarm, press the **OK** or **Dismiss** soft key.
 - If the alarm was set as an Every day alarm, the alarm icon remains in the display.
 - If the alarm was set as Except Sunday, the alarm icon remains in the display.
 - If the alarm was set as Except Saturday and Sunday, the alarm icon remains in the display.

Turn Off the Alarm

Turning off an Alarm stops it from sounding when the set time is reached while retaining the Alarm settings for your reuse.

1. From the **Organizer** screen, select **Alarms** (). A list of alarms appears in the display.
2. Highlight the Alarm you wish to turn off.
3. Press the **Edit** soft key. The selected Alarm screen appears in the display.
4. Highlight **Activation** and select **Off**. The highlighted Alarm is turned off, but the alarm settings are retained for later reuse.



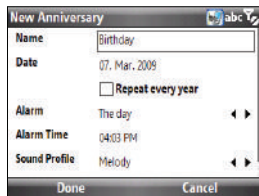
Anniversary

Anniversary lets you set reminders of events important to you.

- From the **Organizer** screen, select **Anniversary** (). The **Anniversary** screen appears in the display, listing any anniversaries.
 - If there are no anniversaries, press the **New** soft key to create one.

Creating a New Anniversary

1. In the **Anniversary** screen, press the **New** soft key. The **New Anniversary** screen appears in the display.



2. Enter or select values for each setting in turn.
 - Highlight each setting.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
3. To save your settings, press the **Done** soft key.

Changing an Anniversary

1. In the **Anniversary** screen, highlight the anniversary you want to change.
2. Press , or press the **Menu** soft key and select **Edit**. The **Edit Anniversary** screen appears in the display.
3. Enter or select values for each setting in turn.

- Highlight each setting.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
4. To save your settings, press the **Done** soft key.

Deleting Anniversaries

1. In the **Anniversary** screen, highlight an anniversary you want to delete.
2. To delete one anniversary, press the **Menu** soft key and select **Delete**. You are prompted to confirm your deletion.
3. To delete more than one anniversary:
 - Press the **Menu** soft key and select **Select**. The following options are available:
 - **Several**
 - **All**
 - If you select **Several**:
 - Highlight each anniversary you want to delete, then press .
 - Press the **Menu** soft key, then select **Delete**.

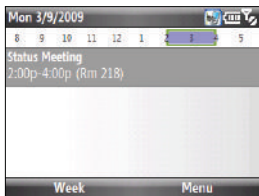
You are prompted to confirm your deletion.
4. To delete your selection(s), press the **Yes** soft key.

Calendar

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

View an Appointment

1. From the **Organizer** screen, select **Calendar** (). The day's agenda appears in the display with the first appointment highlighted. The current date appears at the top of the screen.

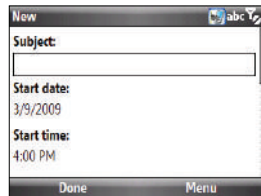


2. Use the following keys to navigate your calendar:
 - To move from one day to another, press the Navigation key Left or Right.
 - To move from one week to another, press the **Week** soft key, then the Navigation key Left or Right.
 - To view previous months, press the **Menu** soft key, then select **Go to Date** and enter the desired month.

- To change the calendar view to monthly, press the **Month** soft key, when available, or press the **Menu** soft key, then select **Month View**.
 - To access other options, press the **Menu** soft key while viewing the calendar. Select the desired option to perform the related process.
3. In **Agenda** or **Week** view, select the desired appointment.
 4. In **Month** view, select the desired day, then select the desired appointment. Information for the selected event appears in the display.

Add a New Appointment

1. From the **Organizer** screen, select **Calendar** (). The day's agenda appears in the display with the first appointment highlighted. The current date appears at the top of the screen.
2. Press the **Menu** soft key, then select **New Appointment**. The **New** screen appears in the display.

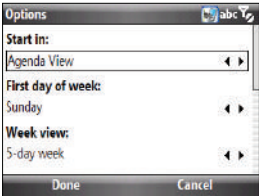


- Enter or select values for each setting in turn.
 - Highlight each setting.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
- To save your settings, press the **Done** soft key.

Deleting an Appointment

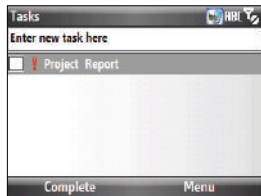
- From the **Organizer** screen, select **Calendar** (). The day's agenda appears in the display with the first appointment highlighted. The current date appears at the top of the screen.
- Navigate to the appointment you want to delete.
- Press the **Menu** soft key, then select **Delete Appointment**. You are prompted to confirm your deletion.
- To delete your selected appointment, press the **Yes** soft key.

Personalizing Your Calendar

- From the **Calendar** screen, press the **Menu** soft key, then select **Tools** → **Options**. The **Options** screen appears in the display.
 
- Enter or select values for each setting in turn.
 - Highlight each setting.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
- To save your settings, press the **Done** soft key.

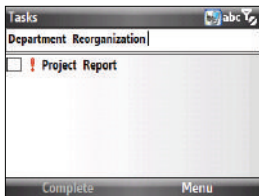
Tasks

- From the **Organizer** screen, select **Tasks** (). The **Tasks** screen appears in the display listing any Tasks.



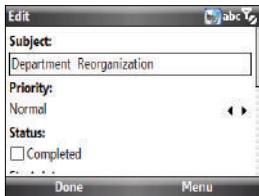
Adding a New Task

1. In the **Tasks** screen, highlight the **Enter new task here** field and enter the name of the new task.
2. Press . The new Task appears in the list.



3. Press . The **Tasks** screen changes to show the name of the new Task.

4. Press the **Edit** soft key. The **Edit** screen appears in the display.

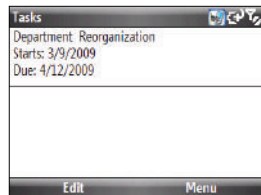


5. Enter or select values for each setting in turn.
 - Highlight each setting.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .

6. To save your settings, press the **Done** soft key.

Viewing a Task

1. In the **Tasks** screen, highlight the task you want to view.
2. Press . The Task information appears in the list.



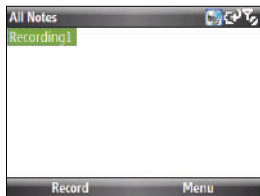
3. To change the Task, press the **Edit** soft key.
4. For other options, press the **Menu** soft key.

Deleting a Task

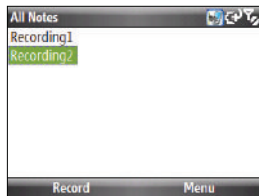
1. In the **Tasks** screen, highlight the task you want to delete.
2. Press the **Menu** soft key, then select **Delete Task**. You are prompted to confirm your deletion.
3. To complete the deletion, press the **Yes** soft key.

Voice Notes

- From the **Organizer** screen, select **Voice Notes** (). The **All Notes** screen appears in the display listing any voice notes.



3. To stop recording, press the **Stop** soft key. The new recording appears in the **All Notes** list.
4. To rename the new Voice Note or access other options, press the **Menu** soft key.



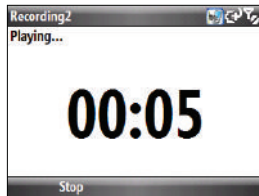
Recording a New Voice Note

1. From the **Organizer** screen, select **Voice Notes** (). The **All Notes** screen appears in the display listing any voice notes.
2. To begin recording, press the **Record** soft key. A **Recording** screen appears in the display.



Playing a Voice Note

1. In the **All Notes** screen, select the **Voice Note** you want to listen to. The selected Recording screen appears in the display and **Playing** begins.
2. To end playback, press the **Stop** soft key.



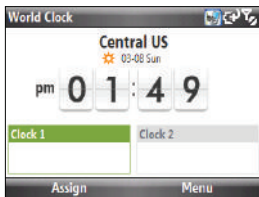
Deleting a Voice Note

1. In the **All Notes** screen, highlight the voice note you want to delete.

2. Press the **Menu** soft key, then select **Delete**. You are prompted to confirm your deletion.
3. To complete the deletion, press the **Yes** soft key.

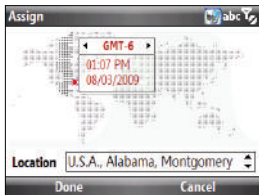
World Clock

- From the **Organizer** screen, select **World Clock** (). The **World Clock** screen appears in the display showing the current local time and any Clock assignments.



Assigning a Clock

1. In the **World Clock** screen, highlight **Clock 1** or **Clock 2**.
2. Press the **Assign** soft key. The **Assign** screen appears in the display.



3. Highlight the desired time zone by pressing the Navigation key Left or Right.
4. Highlight the desired city by pressing the Navigation key Up or Down.
5. To assign your settings, press the **Done** soft key.

Applying Daylight Saving Time

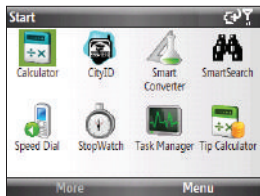
1. In the **World Clock** screen, highlight **Clock 1** or **Clock 2**.
2. Press the **Menu** soft key, then select **Apply DST**.

Home Screen Layout

- To view your World Clock assignments on the **Home** screen, change the Home screen layout to **Samsung Multi Clock**. (For more information, refer to “Home Screen” on page 109.)

Accessories

- From the **Home** screen, press the **Start** soft key, then select **Accessories**. The **Accessories** screen appears in the display.



Calculator

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

1. From the **Home** screen, press the Start soft key, then select **Accessories** → **Calculator**. The **Calculator** screen appears in the display.
2. Enter the first number in your calculation using the keypad.
3. Use the Navigation key to set the type of calculation that you wish to perform. Your choices are as follows:
 - **Up** navigation key — [**x**] Multiplication
 - **Left** navigation key — [**-**] Subtraction
 - **OK** key (●) — [=] Equals/Total

- **Right** navigation key — [**+**] Addition
- **Down** navigation key — [**÷**] Division

For nested operations [such as $(1.81 + 9.34) / 5.22$] and to calculate powers (such as 3^2), press the **Menu** soft key.

The following options appear in the display:

- **%** — Calculate a percentage of the current entry.
 - **√** — Calculate the square root of the current entry.
 - **Xn** — Raise the current number to the power of your next entry.
4. Use the keypad to enter the next number in your calculation.
 5. Repeat steps 3 and 4 as needed.
 6. To perform the calculation and view the result, press ●. To clear your last operation or number entry, press . To clear all of your entries, press the **Clear** soft key.

Smart Converter

The conversion menu provides the following conversion features:

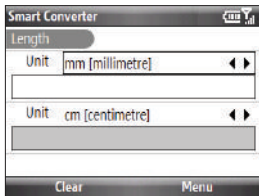
- Currency
- Length
- Weight
- Volume

- Area
- Temperature

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

1. In the **Accessories** screen, select **Smart Converter**.

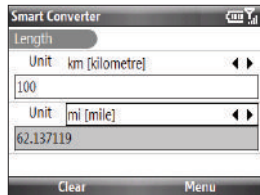
2. Select the conversion feature you wish to use. The selected conversion feature screen appears in the display with the From **Unit** field highlighted.



3. Use the Left and Right navigation keys to select the **Unit** to be converted From.
4. Highlight the From **Unit** field.
5. Use the keypad to enter the Unit you want converted in the From **Unit** field.

6. Highlight the To **Unit** field.

7. Use the Left and Right navigation keys to select the units to be converted From and To. The converted quantity appears in the To quantity field.



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. In the **Accessories** screen, select **Smart Converter** → **Currency**.
2. Press the **Menu** soft key, then select **View rates**. The **View rates** list appears in the display with the **Base** currency field highlighted.



3. Press . A list of available currencies appears in the display.
4. Highlight the desired base currency, then press the **Done** soft key.

5. Highlight the currency exchange rate you want to review or change.
6. Use the keypad to change the current exchange rate. (For more information, refer to “Currency — Reviewing/Editing Exchange Rates” on page 66.)



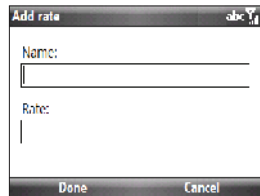
- To save the changed exchange rate, press the **Done** soft key.
- To discard your changes and return to the Currency Converter screen, press the **Menu** soft key, then select **Cancel**.

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. In the **Accessories** screen, select **Smart Converter** → **Currency**.
2. Press the **Menu** soft key, then select **View rates**. The **View rates** list appears in the display with the **Base** currency field highlighted.
3. Use the Left and Right navigation keys to select the Base currency to be converted from.
4. Press the **Menu** soft key, then select **Add rate**. The **Add rate** screen appears in the display.
5. Highlight the **Name** field.



- Enter an identifier of up to 3 characters for the new currency using the keypad.
(For more information, refer to “Entering Text” on page 21)

- Highlight the **Rate** field.
- Enter a decimal exchange rate for the new currency using the keypad. (For more information, refer to “Entering Text” on page 21.)
- To save the new exchange rate, press the **Done** soft key. The **Exchange Rate** list appears in the display with your new exchange rate at the bottom of the list.

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:

- In the **Accessories** screen, select **Smart Converter** → **Currency**.
- Press the **Menu** soft key, then select **View rates**. The **View rates** list appears in the display with the **Base** currency field highlighted.
- Highlight the currency exchange rate to be erased.
- Press the **Menu** soft key, then select **Delete**. You are prompted to confirm the erasure.

- To erase the highlighted exchange rate, press the **Yes** soft key.
- To keep the highlighted exchange rate, press the **No** soft key.

SmartSearch

1. In the **Accessories** screen, select **SmartSearch**. The **SmartSearch** screen appears in the display.
2. In the **Find:** field, enter the character string to be matched.
3. If desired, select **All Items**. A list of available item types appears in the display. Select the desired item type to be searched.
4. If desired, highlight **Match case** and/or **Match whole word** and press .
5. For further search options, press the **Menu** soft key.
6. To initiate the search, press the **Go** soft key. The **Find results** screen appears in the display listing any items found.

Speed Dial

1. In the **Accessories** screen, select **Speed Dial**. The **Speed Dial** screen appears in the display listing the available Speed Dial numbers.
2. To dial a listed Speed Dial number, highlight the list entry and press the **Go** soft key.

3. To edit a listed Speed Dial number, highlight the list entry and press .
4. For more information, highlight the **<Help>** item and press .

StopWatch

1. In the **Accessories** screen, select **StopWatch**. The **Stop Watch** screen appears in the display.
2. To start the Stop Watch count, press the **Start** soft key.
3. To save individual lap times, press the **Record** soft key.
4. To stop the elapsed time count, press the **Stop** soft key.
5. To reset the **Stop Watch** display, press the **Reset** soft key.

Task Manager

Task Manager lets you review the software tasks currently residing in processing memory and lets you free memory by removing tasks.

1. In the **Accessories** screen, select **Task Manager**. The **Task Manager** screen appears in the display, listing the software tasks currently in phone processing memory.
2. To remove a task from processing memory (but not from phone “permanent” memory), press the **End Task** soft key.

- For other options, press the **Menu** soft key.

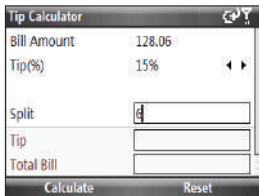
Tip Calculator

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 percentage, and the number of people paying.

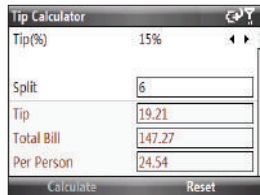
- In the **Accessories** screen, select **Tip Calculator**. The **Tip Calculator** screen appears in the display with the **Bill Amount** field highlighted.



Tip Calculator	
Bill Amount	128.06
Tip(%)	15%
Split	6
Tip	19.21
Total Bill	147.27
Per Person	24.54
Calculate Reset	

- Use the keypad to enter the total amount of the bill.
- If needed, highlight the **Tip** field and press **Menu** to change the tip percentage.
- If needed, highlight the **Split** field and use the keypad to change the number of persons paying.

- Press the **Calculate** soft key. The amount of the Tip, the bill Total, and the amount each person should pay appear in the lower half of the screen.



Tip Calculator	
Tip(%)	15%
Split	6
Tip	19.21
Total Bill	147.27
Per Person	24.54
Calculate Reset	

Office Mobile

This section introduces Microsoft Office Mobile applications included with your phone. You can view different document formats with the document viewing tool, access word processing and spreadsheets documents, and even instant message others using the preloaded applications on your i220.

The i220 is an integrated communication device with the power of a mobile phone and the intelligence of a PC. The i220 is loaded with familiar Microsoft® Office Mobile applications, like Word Mobile and Excel, and several specialty applications.

Excel Mobile

Excel Mobile works with Microsoft Excel on your computer to give you easy access to copies of your workbooks. You can create new workbooks or copy workbooks from your computer to

your handset. Synchronize workbooks between your computer and your handset to ensure that you have the most up-to-date content in both locations. Excel Mobile also provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering.

Reviewing/Changing a Workbook

1. From the **Home** screen, press the **Start** soft key, then select **Office Mobile** () → **Excel Mobile** (). If there are existing workbooks on this device, the file access screen displays.
2. Select, review, and update your spreadsheet(s), as needed. (For more information, refer to the Excel User Guide.)
3. When you are finished, press the **Menu** soft key, then select **File** → **Save As...** to save your workbook with a specific name, folder, type, and location.

Note: You can open only one workbook at a time. If you try to open a second, you are asked to save the first workbook.

OneNote Mobile

OneNote Mobile is a digital notebook that allows you to gather, store, and manage information in a single location.

Create a Note

1. From the **Home** screen, press the **Start** soft key, then select **Office Mobile** () → **OneNote Mobile** (). The file access screen displays.
 - If there are no notes on this device, a new note automatically displays.
 - If there are existing notes on this device, the file access screen displays. To create a new note, press the **New** soft key.
2. Construct your note(s). (For more information, refer to “*Entering Text*” on page 21 and to the OneNote User Guide.)
3. Press **Menu** to select formatting options.
4. When you are finished, press the **Done** soft key to save your note and exit.

PowerPoint Mobile

PowerPoint Mobile works with Microsoft PowerPoint on your computer to give you easy access to copies of your presentations. You can create new presentations or copy presentations from your computer to your handset. Synchronize presentations between your computer and your handset to ensure that you have the most up-to-date content in both locations.

Show a Presentation

1. From the **Home** screen, press the **Start** soft key, then select **Office Mobile** () → **PowerPoint Mobile** (). The file access screen displays.
2. If needed, select the folder where the presentation you wish to show resides.
3. Select the desired presentation to begin showing it.
 - To zoom in/out the current slide, press .
 - To advance to the next slide: press , turn the Jog Wheel clockwise, or press the Navigation key Right or Down.
 - To advance to the next slide, turn the Jog Wheel counter-clockwise or press the Navigation key Left or up.
 - To end the slide show, press the Left soft key, then press the **End** soft key.
 - For more options, press the Right soft key, then press the **Menu** soft key.

Word Mobile

Word Mobile works with Microsoft Word on your computer to give you easy access to copies of your documents. You can create new documents or copy documents from your computer to your handset. Synchronize the documents between your computer and your handset to ensure you have the most up-to-date content in both locations.

Use Word Mobile to create documents, such as letters, meeting minutes, and trip reports.

Viewing/Changing a Document

1. From the **Home** screen, press the **Start** soft key, then select **Office Mobile** () → **Word Mobile** (). The file access screen displays.
2. Select the desired folder and/or file.
3. To close the file after viewing it, press the **Menu** soft key, then select **Close File**.
4. To change the file, press the **Menu** soft key, then select **Edit**. Enter text using the desired character input method. (For more information, refer to “*Entering Text*” on page 21.)
5. When finished, press the **Menu** soft key, then select **File** → **Save As...** to save your document with a specific name, folder, type, and location.

You can open one document at a time. If you try to open a second document, you are asked to save the first document.

You can save a document in any one of the following formats:

- **Word Document (*.docx)**

- Word Template (*.dotx)
- Rich Text Format (*.rtf)
- Plain Text (*.txt)

Deleting a Microsoft Office File

1. From the **Home** screen, press the **Start** soft key, then select **Contents Manager** () → **My Device**. An array of folders and files appears in the display.
2. Highlight the cursor over the workbook you want to delete, then press the **Menu** soft key. A pop-up menu displays.
3. Select **Delete**. You are prompted to confirm the deletion.
4. Select the **Yes** button to confirm the deletion.

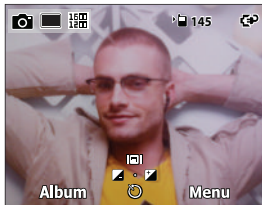
Section 9: Camera – Camcorder

Use your i220 phone to take full-color digital pictures or record full-color digital videos, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera. This section explains how you can do the following:

- Take pictures and record videos with your phone's built-in digital camera-camcorder.
- Send your pictures or videos to others in Multimedia messages.
- Set the several options associated with the camera-camcorder that help you take crisp, clear pictures/videos.

Taking Pictures

Taking pictures with the built-in camera-camcorder is as simple as launching the camera, choosing a subject, pointing the lens (located on the top-rear of your phone), and pressing a key.



Taking Snap Shots (Single Pictures)

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

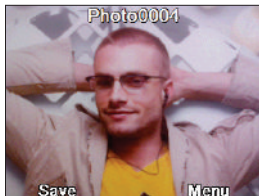
1. In standby mode, press and hold the Camera key () on the right side of the phone. The camera viewfinder screen appears in the display. (For more information, refer to “Camera Screen Layout” on page 77)

Note: You can also launch the camera by pressing the **Start** soft key, then selecting **Camera** ().

2. Using the display as a viewfinder, point the camera lens (at the top-rear of the phone) at your subject.
3. When the image that you wish to capture appears in the display, press the Camera key () or  . Your new picture appears in the Review Screen.

The following options are available:

- To save the picture to memory, press the **Save** soft key.
- To access the following options, press the **Menu** soft key:
 - To save the picture and send a copy of it to someone else, select **Send via MMS**. (For more information, refer to “*Creating and Sending Multimedia Messages*” on page 43.)
 - To save the picture and set it as wallpaper for the Home screen, select **Set as Homescreen**.
 - To discard the picture without saving it, select **Cancel**.



Tip: You can change a number of the camera's options and settings to suit particular uses for your pictures. (See “*Camera Options*” on page 78 for more information.)

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. In standby mode, press and hold the Camera key () on the right side of the phone. The camera viewfinder screen appears in the display. (For more information, refer to “*Camera Screen Layout*” on page 77)

Note: You can also launch the camera by pressing the **Start** soft key, then selecting **Camera** ().

2. Press the **Menu** soft key. The options menu bar appears at the top of the camera screen.
3. Highlight the **Shooting Mode** icon ( ,  ,  ,  , or ). The following **Shot Type** options appear in the display:
 - **Single Shot** —  — Lets you take 1 photo at a time.
 - **Multi Shot** —  — Lets you take a series of photos in quick succession, automatically saving each photo.
 - **Mosaic Shot** —  — Lets you take 4 shots that combine to form a mosaic photo.
 - **Funny Mask** —  — Lets you select colorful masks to include around the subjects your photos (press the Navigation key Left and Right to preview available masks).

- **Smile Detection** —  — Takes the photo only when the subject person smiles.

4. Select **Multi Shot** or **Mosaic Shot**.

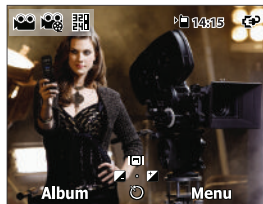
- When you select **Multi Shot**, the Multi Shot icon () appears in the display, and the **Size** setting automatically decreases to **320 240**. Each photo is automatically saved.
- When you select **Mosaic Shot**, the Mosaic Shot icon () appears in the display. When you take the first Mosaic Shot photo the progress array () appears in the display.

5. Using the display as a viewfinder, point the camera lens at your subject.

6. When the image that you wish to capture appears in the display, press or the Camera key (). The camera takes one picture (**Manual**) or multiple pictures in quick succession (**Auto**), then the Series Shot **Select to Save** screen or the Divided Shot mosaic photo screen appears in the display.

Recording Videos

Recording videos with the built-in camera-camcorder is as simple as launching the camera, switching to camcorder mode, choosing a subject, pointing the lens (located on the top-rear of your phone), and pressing a key to start and stop video recording.



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

1. In standby mode, press and hold the Camera key () on the right side of the phone. The camera viewfinder screen appears in the display. (For more information, refer to “Camera Screen Layout” on page 77.)

Note: You can also launch the camera by pressing the **Start** soft key, then selecting **Camera** ().

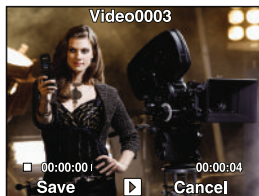
2. Launch the camcorder by pressing .

Tip: Change to camcorder mode by pressing the **Menu** soft key, then highlighting the **Mode** icon () and selecting **Camcorder** (.

- Using the display as a viewfinder, point the camera lens (at the top-rear of the phone) at your subject.
- When the image that you wish to capture appears in the display, press the Camera key () or  to start video recording.
 - To pause the recording, press the  soft key.
 - To resume the recording, press the  soft key.
- To end the recording, press the  soft key.
- Your new picture appears in the Review Screen.

The following options are available:

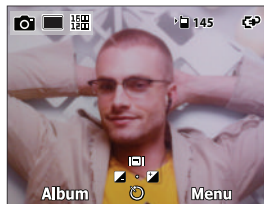
- To save the video to memory, press the **Save** soft key.
- To preview the video, press the  soft key.
- To discard the video without saving it, select **Cancel**.



Tip: You can change a number of the camcorder's options and settings to suit particular uses for your videos. (See "Camcorder Options" on page 85.)

Camera Screen Layout

When you activate your phone's camera, the top two lines of the display are reserved for camera icons (when active). The center of the display shows a viewfinder image of the subject at which the camera is pointed.



Camera Screen Soft Keys

The soft key labels on the bottom line of the display change to the following:

- Album** — Pressing the Left soft key opens the **My Pictures** folder on the Default Storage location () so you can view or manage your stored pictures. (See "Album — My Pictures" on page 83 for more information.)
- Shortcuts** — Pressing the Navigation key takes a picture of the subject currently appearing in the camera view finder screen.
- Menu** — Pressing the Right soft key opens a menu bar of camera options and settings.

Camera Screen Icons



Mode — Indicates the camera is active.

Tip: To change the Mode setting to Camcorder, press .

 **Shooting Mode** — Indicates the type of photo the camera will take each time you press  or the Camera key (). [Available Shooting Modes are: Single Shot (shown), Multi Shot (), Mosaic Shot (), Funny Mask (), and Smile Detection ().] (For more information, refer to “*Shooting Mode*” on page 79.)

 **Size** — Indicates camera’s current resolution setting. [Available Sizes are: **1600x1200** (shown), **1280x1024** () () () () () () () () () () () () () () () () () () () () (

purpose of the photo, for the current camera session. When you exit the camera, your Camera Options values revert to their default values.

To access Camera Options, do the following:

1. In camera mode, press the **Menu** soft key. The Camera Options menu appears in the display.
2. Select a sub-menu, then select a preferred value.

The following sub-sections describe camera options and available values.

Shooting Mode

Shot Type lets you take multiple photos or shots in succession at the touch of a key and/or add colorful frames to your photos.

1. In camera mode, press the **Menu** soft key, then highlight the **Shot Type** icon ( /  /  /  / ). The following values appear in the camera screen:
 - **Single Shot** —  — Lets you take 1 photo at a time.
 - **Multi Shot** —  — Lets you take a series of photos in quick succession, automatically saving each photo.
 - **Mosaic Shot** —  — Lets you take 4 shots that combine to form a mosaic photo.

- **Funny Mask** —  — Lets you select colorful masks to include around the subjects your photos (press the Navigation key Left and Right to preview available masks).
 - **Smile Detection** —  — Takes the photo only when the subject person smiles.
2. Select the desired Shot Type.
 - When you select **Multi Shot**, the Multi Shot icon () appears in the display, and the **Size** setting automatically decreases to **320x240**. Each photo is automatically saved.
 - When you select **Mosaic Shot**, the Mosaic Shot icon () appears in the display. When you take the first Mosaic Shot photo the progress array () appears in the display.

Size

Size lets you change the clarity (in pixels) and size (in bytes) of your pictures.

1. In camera mode, press the **Menu** soft key, then highlight the Resolution setting. The following values appear in the camera screen:
 - **1600x1200** (pixels)
 - **1280x1024** (pixels)
 - **640x480** (pixels)
 - **320x240** (pixels)
2. Select the desired Size value.

Night Shot

Night Shot lets you take pictures in low light conditions.

1. In camera mode, press the **Menu** soft key, then highlight  or . The following options appear in the display:
 - Off
 - On
2. Select the Night Shot setting of your choice.

White Balance

White Balance allows you to adjust picture quality according to available light.

3. In camera mode, press the **Menu** soft key, then highlight **AWB** /  /  /  / .

The following values appear in the camera screen:

- **AWB Auto** — The camera automatically adjusts picture quality to available light.
-  **Daylight** — Use this setting when taking pictures in full sun.
-  **Cloudy** — Use this setting when taking pictures in cloudy conditions.
-  **Incandescent** — Use this setting when taking pictures under incandescent lights.
-  **Fluorescent** — Use this setting when taking pictures under fluorescent lights.

Each option, as you highlight it, shows the effects it has on a picture.

4. Select the desired White Balance value. The camera viewfinder screen appears in the display with your selected White Balance value applied.

The next time you press , the camera applies your selected White Balance value to your picture.

Color Effect

Change the look of your pictures with Color Effect. Choose from eight available settings such as Black&White, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camera mode, press the **Menu** soft key, then highlight  /  /  / . The following values appear in the display:
 -  **No Effect** — Subjects and pictures appear with a normal hue.
 -  **Black&White** — Subjects and pictures appear in black and white.
 -  **Sepia** — Subjects and pictures appear in a brownish-gray hue.
 -  **Negative** — Subjects and pictures appear in inverted colors.

2. Select the Effects value of your choice. The camera viewfinder screen appears in the display with your selected Effects value applied.

When you take your next picture, the camera applies your selected Effects value to your picture.

Settings

When you change Camera Settings values, your changes are saved for future camera sessions, unlike changes to Camera options.

- In camera mode, press the **Menu** soft key, then select **Settings** (). The Settings menu appears in the display with the **Camera** tab and **Quality** setting highlighted.

Quality

You can affect how much your photo is compressed, thereby reducing its overall size (not to be confused with resolution).

1. In the Settings menu, highlight the **Camera** tab, then highlight **Quality** and press the Navigation key to the Right. The following values appear in the camera screen: **Super Fine**, **Fine**, **Normal**, or **Economy**.
2. Select the desired Quality value.

Sound Shutter

Choose from four different sounds whenever you take a picture. Aside from being a cool sound effect, Shutter Sounds acts as an audible reminder that your camera has taken a picture.

1. In the Settings menu, highlight the **Camera** tab, then highlight **Sound Shutter** and press the Navigation key to the Right. The following values appear in the camera screen:
 - **Shutter 1**
 - **Shutter 2**
 - **Shutter 3**
 - **Off**
2. Select the Shutter Sound value of your choice. You're returned to the camera viewfinder screen. The next time you press  , you'll hear your selected shutter sound.

Sound Zoom

Choose enable or disable a sound to play when you adjust the camera Zoom ( ) using the Jog Wheel or Volume key.

1. In the Settings menu, highlight the **Camera** tab, then highlight **Sound Zoom** and press the Navigation key to the Right. The following values appear in the camera screen:
 - **On**

- **Off**
2. Select the Sound Zoom value of your choice. You're returned to the camera viewfinder screen.

Sound Brightness

Choose enable or disable a sound to play when you adjust the camera Brightness ( +0.0) using the Navigation key.

1. In the **Settings** menu, highlight the **Camera** tab, then highlight **Sound Brightness** and press the Navigation key to the Right. The following values appear in the camera screen:
 - **On**
 - **Off**
2. Select the Sound Brightness value of your choice. You're returned to the camera viewfinder screen.

Viewfinder Mode

Choose the format for the Camera viewfinder screen.

1. In the **Settings** menu, highlight the **Setup** tab, then highlight **Viewfinder Mode** and press the Navigation key to the Right. The following values appear in the camera screen:
 - **No Icon** — No icons appear in the viewfinder screen.
 - **Icon** — All icons appear in the viewfinder screen.

- **Guideline** — All icons appear along with a crosshatch pattern.

Default Storage

1. In the **Settings** menu, highlight the **Setup** tab, then highlight **Default Storage** and press the Navigation key to the Right. The following storage options appear in the display:
 - **My Device** — Stores your photos in phone memory.
 - **SD Card** — Stores your photos on an optional microSD Memory Card.
2. Select the memory location setting of your choice. An icon ( or ) appears in the camera screen to indicate where photos will be stored.

Review Screen

1. In the **Settings** menu, highlight the **Setup** tab, then highlight **Auto Save**. The following values appear in the display:
 - **On** — When you take a photo, with **Shooting Mode** set to any value except **Mult Shot**, the photo appears in the Review Screen.
 - To save the photo, press the **Save** soft key.
 - To save the photo and send a copy in an MMS message, press the **Menu** soft key and select **Send via MMS**.
 - To save the photo and set it as wallpaper for the Home screen, press the **Menu** soft key and select **Set as Homescreen**.
 - To discard the photo, press the **Menu** soft key and select **Cancel**.

- **Off** — New photos are saved to the My Pictures folder automatically.

2. Select the automatic save value of your choice. You're returned to the camera viewfinder screen.

Album — My Pictures

Saved pictures are stored in the My Pictures folder(s) [on your phone and on any optional microSD Memory Card(s)]. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. In camera mode, press the **Album** soft key. Any pictures that you've saved appear in the display.

Tip: You can also access the My Pictures folder from the Home screen, by pressing the **Start** soft key, then the **More** soft key, then selecting **Contents Manager** () **My Pictures / Storage Card → My Pictures**; or you can use the Jog Wheel to browse the **Start** menu and select **Contents Manager** () **My Pictures / Storage Card → My Pictures**.

2. Use the Navigation key to browse pictures in the Album.
3. Press the **Menu** soft key while browsing pictures in the Album. The following options appear in the display:
 - **Send via** — Send a copy of the currently highlighted picture in an **MMS** message, an **Email** message, or over a **Bluetooth** connection.

- **Set as** — Assign the currently highlighted picture to be wallpaper on the Home Screen or as a Caller ID image for someone in your Contacts list.
- **Delete** — Remove this picture from your Album.
- **Edit** — Lets you change this picture with an Editor, Copy/Move this picture to another folder, Rename this picture, create a new pictures folder, compress (Zip) this picture, Select this picture for copy/move/delete, Select All pictures for copy/move/delete.
- **Take picture** — Launches the Camera in your phone so that you can take a new picture.
- **Play Slide Show** — Show all of your pictures in this folder, in series and full-screen.
- **Search** — Search for files by name, file Type, and/or Location.
- **Sort by** — Re-list the files in this folder in order of their Names, Dates, Sizes, or Types.
- **Properties** — View the file Name, file Type, Size, Date and time created, and Protected status of the currently highlighted picture.

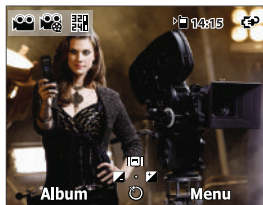
4. Select the desired option to perform the function for the option or enter its sub-menu.

Switch From Expanded to Thumbnail Mode

1. Highlight a picture that you wish to view full size, then press .
2. To return to the thumbnail view of your photos, press .

Camcorder Screen Layout

When you activate your phone's camcorder, the top line of the display is reserved for camcorder icons (when active). The center of the display shows a viewfinder image of the subject at which the camera lens is pointed.



Camcorder Screen Soft Keys

The soft key labels on the bottom line of the display change to the following:

- **Album** — Pressing the Left soft key opens the **My Videos** folder on the Default Storage location () so you can view or manage your stored pictures. (See “*Album — My Pictures*” on page 83 for more information.)
- **Shortcuts** — Pressing the Navigation key Up, Down, Left and Right.
- **Menu** — Pressing the Right soft key opens a menu bar of camera options and settings.

Camcorder Screen Icons



Mode — Indicates the camcorder is active.

Tip: To change the Mode setting to Camcorder, press



Recording Mode — Video recording duration is limited to available memory [**Normal** (shown)] or is limited to 15 seconds or 495 KB [**Limit for MMS** ()].

**320
240**

Size — Indicates camcorder's current resolution value. (You can change the camcorder resolution by changing the value of either the **Recording Mode** or the **Size** option. For more information, refer to “*Camcorder Options*” on page 85.)



Default Memory — Indicates where photos will be stored [**My Device** (shown) or **SD Card** ()].

14:15 **Recording Time Counter** — Indicates the available recording time. (Depending on the camera **Size** value.)

495KB **Recording Memory Limit** — Indicates the maximum size (in KBytes) for videos to be included in MMS messages. [Shows when **Recording Mode** is set to **Limit for MMS** ()].



Viewfinder Mode — Indicates current viewfinder screen format setting [Available options are no icons (), all icons (shown), or crosshatch ()].



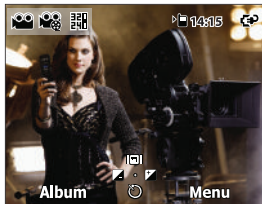
Brightness — Brightens () or darkens () the image from **-2.0** to **+2.0** before you take a picture. (For more information, refer to “*Brightness*” on page 89.)



Self Timer — Delays the camera shutter **Off** (shown, 0 seconds) or for **2** (🕒), **5** (🕒), or **10** (🕒) seconds after you press **📷**.

Camcorder Options

The camcorder options let you temporarily adjust default camcorder settings to suit available lighting, the subject of the video, or the purpose of the video, for the current camcorder session. When you exit the camcorder, your camcorder options values revert to their default values.



To access the Camcorder Options menu, do the following:

1. In camera mode, press **📷**. The Camcorder viewfinder screen appears in the display.
2. Press the **Menu** soft key. The Camcorder Options menu appears in the display.
3. Select a sub-menu, then select a preferred value.

The following sub-sections describe camera options and available values.

Recording Mode

Recording Mode lets you take multiple photos or shots in succession at the touch of a key and/or add colorful frames to your photos.

1. In camcorder mode, press the **Menu** soft key, then highlight **📷** / **📷**. The following values appear in the camera screen:
 - **Limit for MMS** — Limits your video recordings to a resolution of 176x144 and a maximum physical size of 495 KB.
 - **Normal** — Lets you record videos only limited by your **Size** value and available memory.
2. Select the desired Recording Mode.

Size

Size lets you change the clarity (in pixels) of your videos.

1. In camcorder mode, press the **Menu** soft key, then highlight the Resolution setting. The following values appear in the camera screen:
 - **320x240** (pixels)
 - **176x144** (pixels)
2. Select the desired Size value.

White Balance

White Balance allows you to adjust video quality according to available light.

1. In camcorder mode, press the **Menu** soft key, then highlight **AWB** /  /  /  / .

The following values appear in the camcorder screen:

- **AWB Auto** — The camcorder automatically adjusts video quality to available light.
 -  **Daylight** — Use this setting when recording videos in full sun.
 -  **Cloudy** — Use this setting when recording videos in cloudy conditions.
 -  **Incandescent** — Use this setting when recording videos under incandescent lights.
 -  **Fluorescent** — Use this setting when recording videos under fluorescent lights.
2. Select the desired White Balance value. The camcorder viewfinder screen appears in the display with your selected White Balance value applied.

The next time you press , the camcorder applies your selected White Balance value to your video.

Effect

Change the look of your videos with Effect. Choose from eight available settings such as Black&White, Negative, and Sepia. The selected color effect previews in the display before you record the video.

1. In camera mode, press the **Menu** soft key, then highlight  /  /  / . The following values appear in the display:

-  **No Effect** — Subjects and videos appear with a normal hue.
 -  **Black&White** — Subjects and videos appear in black and white.
 -  **Sepia** — Subjects and pictures videos in a brownish-gray hue.
 -  **Negative** — Subjects and videos appear in inverted colors.
2. Select the Effects value of your choice. The camcorder viewfinder screen appears in the display with your selected Effects value applied.

When you record your next video, the camcorder applies your selected Effects value to your video.

Settings

When you change Camcorder Settings values, your changes are saved for future camcorder sessions, unlike changes to Camcorder Options.

Quality

You can affect how much your video is compressed, thereby reducing its overall size (not to be confused with resolution).

1. In the **Settings** menu, highlight the **Camcorder** tab, then highlight **Quality** and press the Navigation key to the Right. The following values appear in the camcorder screen:
Fine, Normal, or Economy.
2. Select the desired Quality value.

Audio

1. In the **Settings** menu, highlight the **Camcorder** tab, then highlight **Quality** and press the Navigation key to the Right. The following values are available: **On**, or **Off**.
2. Select the desired Audio value.

Sound Start

Choose enable or disable a sound to play when you begin recording a video.

1. In the **Settings** menu, highlight the **Camcorder** tab, then

highlight **Sound Start** and press the Navigation key to the Right. The following values are available:

- **On**
- **Off**

2. Select the Sound Start value of your choice. You're returned to the camcorder viewfinder screen.

Sound Stop

Choose enable or disable a sound to play when you stop recording a video.

1. In the **Settings** menu, highlight the **Camcorder** tab, then highlight **Sound Stop** and press the Navigation key to the Right. The following values are available:
 - **On**
 - **Off**
2. Select the Sound Stop value of your choice. You're returned to the camcorder viewfinder screen.

Viewfinder Mode

Choose the format for the Camcorder viewfinder screen.

1. In the **Settings** menu, highlight the **Setup** tab, then highlight **Viewfinder Mode** and press the Navigation key to the Right. The following values appear in the Camcorder

screen:

- **No Icon** — No icons appear in the viewfinder screen.
- **Icon** — All icons appear in the viewfinder screen.
- **Guideline** — All icons appear along with a crosshatch pattern.

Default Storage

1. In the **Settings** menu, highlight the **Setup** tab, then highlight **Default Storage** and press the Navigation key to the Right. The following storage options appear in the display:
 - **My Device** — Stores your videos in phone memory.
 - **SD Card** — Stores your videos on an optional microSD Memory Card.
2. Select the memory location setting of your choice. An icon ( or ) appears in the camcorder screen to indicate where videos will be stored.

Review Screen

1. In the **Settings** menu, highlight the **Setup** tab, then highlight **Review Screen**. The following values appear in the display:
 - **On** — When you record a video, the video appears in the Review Screen.
 - To save the video, press the **Save** soft key.
 - To discard the photo, press the **Cancel** soft key.

- **Off** — New videos are saved to the My Videos folder automatically.

2. Select the automatic save value of your choice. You're returned to the camcorder viewfinder screen.

Album — My Videos

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

1. In Camcorder mode, press the **Album** soft key. Thumbnail images of any videos that you've saved appear in the display.

Tip: You can also access the My Videos folder from the Home screen, by pressing the **Start** soft key, then the **More** soft key, then selecting **Contents Manager** () **My Videos / Storage Card → My Videos** or using the Jog Wheel to browse the **Start** menu and select **Contents Manager** () **My Videos / Storage Card → My Videos**.

2. Use the Navigation key or the Jog Wheel to browse videos in the Album.
3. Press the **Menu** soft key while browsing videos in the Album. The following options appear in the display:
 - **Send via** — Send a copy of this video in an **MMS** message, an **Email** message, or over a **Bluetooth** connection.
 - **Delete** — Remove this video from your Album.

- **Edit** — Lets you Copy/Move this video to another folder, Rename this video, create a new videos folder, compress (Zip) this video, Select this video for copy/move/delete, Select All videos for copy/move/delete.
- **Record video** — Launches the Camcorder in your phone so that you can record a new video.
- **Add to Now Playing List** — Adds this video to the Windows Media player Now Playing List.
- **Search** — Search for files by name, file Type, and/or Location.
- **Sort by** — Re-list the files in this folder in order of their Names, Dates, Sizes, or Types.
- **Properties** — View the file Name, file Type, Size, Date and time created, and Protected status of the currently highlighted video.

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

Switch From Thumbnail Mode to Expanded

1. Highlight a video that you wish to play, then press . The Windows Media player screen appears in thumbnail mode.
2. Press **Menu**, then select **Full Screen**. The video playback fills the screen.

Switch From Expanded to Thumbnail Mode

- ▶ To return to the thumbnail view of your video, press .

Camera-Camcorder Adjustments

Zoom

Zoom lets you temporarily enlarge the pictures you take. Increasing the Zoom (1 – 5) enlarges your pictures (0 is normal).

- ▶ In camera mode, use the Jog Wheel or press the Volume key Up or Down to adjust the Zoom (the screen image enlarges to show the affects of your changes).

The next time you press , the camera takes an enlarged picture according to your selected Zoom setting.

Viewfinder Mode

Choose the format for the Camera/Camcorder viewfinder screen.

1. In camera mode, press the Navigation key Up. The following values appear in the Camera/Camcorder screen:
 - **No Icon** — No icons appear in the viewfinder screen.
 - **Icon** — All icons appear. in the viewfinder screen.
 - **Guideline** — All icons appear along with a crosshatch pattern.
2. Select the desired Viewfinder Mode.

Brightness

Brightness lets you temporarily lighten the pictures you take. Increasing the Brightness (-2.0 – +2.0) lightens your pictures (0 is normal).

- In camera mode, press the Navigation key Left or Right to adjust the Brightness (the screen image lightens or darkens to show the affects of your changes).

The next time you press , the camera takes a lighter or darker picture according to your selected Brightness setting.

Timer

The Timer lets you delay taking a picture long enough to let you join others in a picture.

1. In camera mode, press the Navigator key Down. The following values appear in the camera screen:
 -  — Off.
 -  — 2-second delay.
 -  — 5-second delay.
 -  — 10-second delay.
2. Select a Timer value.

The next time you press , the countdown Self Timer indicates the time remaining before the camera takes the picture. The phone reads the countdown timer value to you beginning with two or three and continuing to zero, when the picture is taken.

Tip: To stop the countdown timer without resetting it, press .

Point, Click, and Send Pictures

1. In camera mode, take a desired picture by pressing  or .
2. Press the **Menu** soft key, then select **Send via MMS**. The **MMS** screen appears in the display with the new photo already inserted.
3. Enter or the recipient's phone number or Email address using the keypad, or press the **Menu** soft key, then select **Add Recipients** to select a recipient.

After you mark the desired recipients, press the **Select** soft key. The address(es) are added to your message in the **MMS** screen.

4. Use the Jog Wheel or Navigation key to move to the other message fields. (For more information, refer to “*Creating and Sending Multimedia Messages*” on page 43.)
5. When you are finished composing your message, press the **Send** soft key to send the Picture message to the intended recipients.

Section 10: Multimedia

You can use your i220 phone to take and display pictures, record and playback sound files (voice memos), record and playback videos, and play compatible video games. This section details how to access your multimedia files and applications.

Windows Media Player

Use Microsoft Windows Media Player® to play digital audio and video files that are stored on your device or downloaded from the internet. You can play files in either Windows Media, MP3, MP4, or 3GPP2 format, including files with extensions: .wma, .wmv, .mp3, .3g2, or .mp4.

Launch Media Player

1. From the **Home** screen, press the **Start** soft key, then select **Contents Manager** () → **My Music**.
2. Select the **My Music** folder or the **Storage Card\My Music** folder.
3. Select a music file. The **Windows Media** screen appears in the display and begins playing the selected music file.

Load Media Player files

Media player files must be copied to the handset using the ActiveSync application or copied or saved to a microSD card (maximum 16 GB). The files are copied to the Local Content folder on the handset after the ActiveSync operation.

To load a file:

1. From the **Windows Media** screen, press the **Menu** soft key, then select **Library**.
2. Use the File System screen to locate your desired multimedia file.
3. Select the desired file from the list and press the **Play** soft key. The **Windows Media** screen displays and the selected file plays.

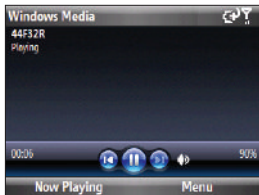
Media Player Controls

The following settings are available in the media player:

- Press the Play () key () to listen to a file. The Play icon turns into the Pause icon () once the file begins playing.
- Press the Navigation key Left to play the previous music file () and press the Navigation key Right to play the next music file () during playback or while paused to skip back to the beginning of the current file and to skip ahead to the end. Press and hold either control to reverse or advance playback to a particular part of a music file.
- This timer to the left of the control icons, and the percentage to the right, indicate the playback progress of the selected file.
- Pressing the Volume key Up or Down adjusts the sound level during playback.

Camera and Video

Your i220 phone includes a camera-camcorder that you can use to take pictures or to record videos. You can also view saved pictures and videos, send them to others as part of MMS messages, and set them as Home screen wallpaper.



Launching the Camera

- From the Home screen, press and hold the Camera key () on the lower right side of your phone. The Camera viewfinder screen appears in the display.

For more information, refer to “Taking Pictures” on page 74.

Launching the Camorder

1. From the Home screen, press and hold the Camera key () on the lower right side of your phone. The Camera viewfinder screen appears in the display.
2. Press . The Camcorder viewfinder screen appears in the display.

For more information, refer to “Recording Videos” on page 76.

Accessing Pictures and Videos

- From the Home screen, press the **Start** soft key, the **More** soft key, then select **Contents Manager** () **My Pictures / My Videos / Storage Card** → **My Pictures / My Videos**.
- To view a picture / video, highlight the desired picture / video, then press .

Selecting a video launches the Windows Media player to play the video. (For more information, refer to “Windows Media Player” on page 91.)

For more information, refer to “Album — My Pictures” on page 83 or to “Album — My Videos” on page 88.

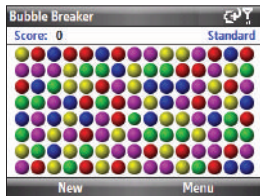
Games

There are two games included with your i220. These games are listed in the **Games** folder on the **Start** menu. You can download other games and add these to your **Games** folder.

Note: Games can be downloaded from the Internet and stored on your phone. Instructions from the game download site should inform you of the location (folder) in which to store the application on your phone.

Bubble Breaker

1. From the **Home** screen, press the **Start** soft key then select **Games** (📁) → **Bubble Breaker** (🎮).
2. To begin play, press the **New** soft key.
3. Select **Yes** to confirm the commencement of a new game.



4. Press **Menu** soft key and then select **Options** to display the options screen for the current game.
 - **Choose from:** Play Sounds, Guest Mode, Style, and Breakers.
5. Update your selected options then press the **Done** soft key to return to the game.
6. Press **⏪** to exit the current game and return to the previous screen.

Solitaire

1. From the **Home** screen, press the **Start** soft key then select **Games** (📁) → **Solitaire** (🎴).



2. Press the **Menu** soft key and select **New Game** to commence a new game.
3. Begin play.

4. Press  to exit the current game and return to the previous screen.

Section 11: Microsoft Windows Mobile

Application Management

Your i220 is powered by Windows Mobile™ 6.1 Software for i220 Phone Edition, which allows installation and removal of any i220-compatible application on your device. i220 applications can be downloaded from the web, or purchased at retail outlets.

Install New Applications

You can install any program created for your phone, as long as the phone has enough memory. The most popular place to find software for your phone is on the Microsoft web site (<http://www.windowslive.com/Explore/Mobile>).

The first application you should install is Microsoft ActiveSync. You will need this application to install others. You can download the latest version of Microsoft ActiveSync from the Microsoft site at: <http://www.microsoft.com/windowsmobile/en-us/help/synchronize/device-synch.mspx>.

You can install programs downloaded from the Internet or included on the Getting Started CD found with your Samsung i220 by performing a synchronization between your phone and your computer. (For more information, refer to “Synchronization” on page 98.)

When a new application is downloaded from the web or installed using a CD, the files are transferred to the mobile device via ActiveSync. ActiveSync checks if enough memory is available before installing a program. To free up memory, simply remove old programs or delete unused files. (For more information, refer to “Remove Programs” on page 122, to , and to .)

Delete an Application

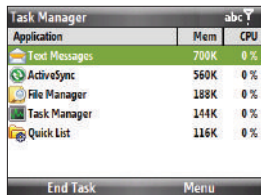
Some applications are large and take up space on your handset. To help manage space and memory requirements for other software that may need to be installed, you can delete any application not required for your device to operate correctly. To delete an application:

1. From the **Home** screen, press the **Start** soft key, then select **Settings** () → **Remove Programs**.
2. Select the program from the list and press the **Menu** soft key, then select **Remove**. For more information, refer to “Remove Programs” on page 122.
3. Select **Yes** to confirm.
4. Press the **Done** soft key to save your changes and return to the previous screen.

Task Manager

Windows Mobile™ 6.1 includes a mobile version of Task Manager that lets you review the applications running on your handset and, if needed, stop them running.

1. From the **Home** screen, press the **Start** soft key, then select **Accessories** () → **Task Manager** (). The **Task Manager** screen displays.



Application	Mem	CPU
Text Messages	700K	0 %
ActiveSync	560K	0 %
File Manager	188K	0 %
Task Manager	144K	0 %
Quick List	116K	0 %

2. To end a task, highlight the task and press the **End Task** soft key.
3. Press the **Menu** soft key to access the following options:
 - **Switch To:** switches to and displays the selected application.
 - **End All Tasks:** ends all the tasks that are running.
 - **View:** Allows you to view Applications or Processes.
 - **Sort By:** Allows you to sort how applications are viewed, by Memory, CPU, or Name.
 - **Refresh:** Refreshes the screen display.

- **Exit:** Exits the Task Manager screen.

Rebooting your Phone after Lockup

The End key () lets you quickly turn off the phone in the event of a program or application error. In this case your phone would appear to “freeze” and become unresponsive.

1. Press and hold  until the power off animation appears in the display.
2. Press and hold  until the power on animation appears in the display.

Note: This restart action is similar to that of a “cold reboot” action on a computer. Your phone’s temporary memory is cleared, but information in permanent storage remains unchanged.

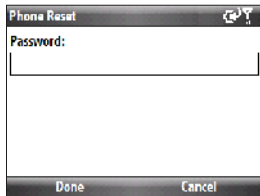
Resetting your Phone to Factory Defaults

Note: To completely remove any personal information stored on your device, see “Precautions for Transfer and Disposal” on page 152.

You can reset your phone’s settings and clear all data/ applications from phone’s internal memory and/or external memory (optional microSD Storage Card) by using the **Hard Reset** option. This option resets your phone to its factory default settings, ends all applications currently running, and wipes all data (pictures/video/contacts) from your phone.

Note: Although this action wipes all information and settings from your i220, you can circumvent the deletion of important data by storing it on a removable microSD storage card.

1. From the **Home** screen, press the **Start** soft key, then select **Settings** ()
→ **More** → **Security**
→ **Phone Reset**. The **Phone Reset** screen displays.



2. To reset your phone's settings, enter the Password and press the **Done** soft key. A confirmation screen displays.
3. Press the **OK** soft key to remove all settings and data stored in your device.
4. Cycle power to the phone, that is, turn the power off and then on again.
5. Follow the on screen tutorials and complete the setup process.

Performing a Manual Hard Reset

Important!: Caution, when performing a manual Hard Reset, the storage and settings initialize.

1. With the device powered off, press and hold  to power it on.
2. Press the Left soft key () and  .
3. On the **User Storage Format** screen, select **Format and Reboot**.

Section 12: Synchronization

This section describes how to synchronize data on your Microsoft Windows desktop computer with the data on your phone, using Microsoft® ActiveSync® or Windows Mobile® Device Center® (depending on your personal computer operating system). Synchronization compares the data on your phone with your desktop computer and updates both your phone and computer with the latest data.

Note: Access the Microsoft web site (<http://www.microsoft.com/windowsmobile/en-us/help/synchronize/device-synch.mspx>) to download Active Sync 4.5 or later, or Windows Mobile Device Center 6.1 or later.

Active Sync (Windows XP or earlier)

With ActiveSync, you can:

- Keep Contacts, Calendar, Tasks, or Inbox data up-to-date by synchronizing your phone with Microsoft Outlook® data on your desktop computer.
- Copy (rather than synchronize) files between your phone and desktop computer.
- Control the moment when synchronization occurs by selecting a synchronization mode.
- Select data types to be synchronized and control the amount of synchronized data.

ActiveSync - System Requirements

To use ActiveSync 4.5 your computer must meet the following hardware and software requirements:

- Vista, Microsoft Windows XP, Windows 2000, Windows Millennium Edition, or Windows NT Workstation 4.0 with SP6 or later.
- Microsoft Internet Explorer 6.0 or later.
- Hard-disk drive with 12 to 65 MB of available hard-disk space (actual requirements will vary based on selection of features and user's current system configuration).
- USB port (1.0 or higher).
- A CD-ROM drive.
- VGA or compatible video graphics adapter at 256 colors or more.

Installing Microsoft ActiveSync® on your computer

Before beginning synchronization, you must install Microsoft ActiveSync on your computer.

1. Insert the Getting Started CD into the computer's CD drive.
2. Click the Setup and Installation link from the onscreen disc menu.

3. Click the Install button to begin installation.

Tip: You can also download the latest version of ActiveSync from the Microsoft web site, <http://www.microsoft.com/windowsmobile/en-us/help/synchronize/device-synch.mspx>.

Important! If the ActiveSync option is grayed out, the application is already installed. Uninstall any previously installed version before completing this installation.

4. Launch the setup program and follow the instructions on the screen. When installation completes, the Synchronization Setup Wizard connects your phone to the computer, to set up a partnership.

Note: When installation completes, the ActiveSync icon displays on the taskbar.

Note: Synchronization automatically begins the first time your device is connected to your computer. All the selected synchronization items are copied from your computer to your device, and Windows Explorer creates a shortcut to the Mobile drive.

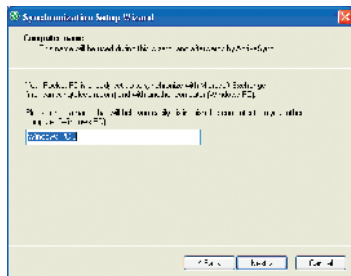
Setting Up and Configuring ActiveSync

1. After you've installed ActiveSync, connect one end of the USB data cable to the jack on the upper right side of your phone and the other end to a USB port on your computer.

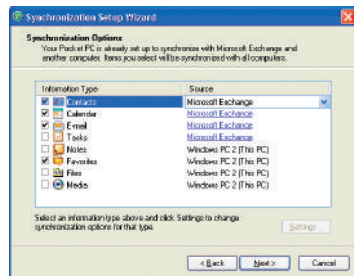


Your computer assigns a different profile to each device that is connected to it through the ActiveSync application.

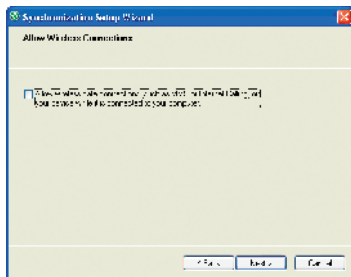
2. Select **Next** to setup the sync partnership between the PC and your device.



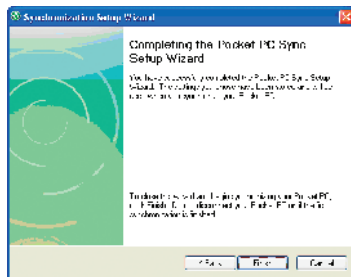
3. Enter a unique name for your device and click **Next**.



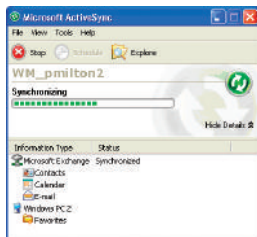
4. Select or deselect the desired applications that you wish to synchronize, then click **Next**.



5. Click the square to allow wireless data connections on your device while connected to your computer. If selected a checkmark will display in the box.
6. Click **Next**.



7. The i220 and the PC should perform the first ActiveSync. This may take some time, depending on the amount of information that needs to be synchronized.



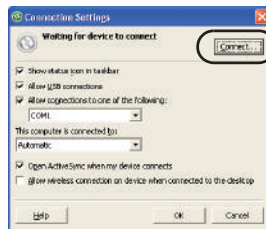
Customizing Connection Settings

To establish a connection between your computer and the phone, you must enable the connections you want to use in the ActiveSync® program. By default, all connections are enabled.

1. From the ActiveSync® window on your computer, select **File → Connection Settings...**
2. Change the connection settings.

Note: If your phone is not connected to the computer, click this button to establish a connection.

3. Click on **OK**.



If your phone is not connected to the computer, click this button to establish a connection.

Synchronizing Information

To begin synchronization, connect your phone to your computer. The **Microsoft ActiveSync** window on your computer automatically displays and synchronization starts.

Once the synchronization is completed, the phone stays connected to the computer. If any change is made, Microsoft ActiveSync automatically will begin synchronization.

To begin synchronization manually on your phone.

- From the **Home** screen, select **Start → ActiveSync**, then press the **Sync** soft key.

You can open the phone's file directory from your PC by clicking **Explore** in the **Microsoft ActiveSync** window. You can then copy files quickly and easily from the phone to the computer, or from the computer to the phone.

Note: To synchronize Bluetooth devices with a compatible computer, the computer must have the Bluetooth stack for Windows XP Service Pack 2.

Customizing Synchronization Settings

You can set various setting options for synchronization with a computer and a server, and set the synchronization schedule.

First, you must terminate the connection between your phone and computer. Disconnect the USB data cable or remove the phone from the Bluetooth range.

Setting Server Synchronization

You can synchronize information automatically as items arrive only if your company is running Microsoft Exchange Server® with Exchange ActiveSync®.

Changing PC Settings on Your Phone

1. From the **Home** screen, select **Start → ActiveSync**.
2. Press **Menu** soft key, then select **Options**.
3. Highlight **Windows PC**.

4. Press **Menu** soft key, then select **Settings**.
5. Change the computer name, as needed.
6. To set how to handle a data conflict between the phone and computer and to set an event logging type, make your selections in the **If there is a conflict** and **Event logging** fields.
7. Press the **Done** soft key.

Configuring an Exchange Server connection

1. From the **Home** screen, select **Start → ActiveSync**.
2. Press **Menu** soft key, then select **Add Server Source** The **Enter Email Address** screen displays.
3. Enter the Server address and deselect **Attempt to detect Exchange Server settings automatically**.
4. Press the **Next** soft key.
5. To use a SSL protocol for server access, select **This server requires an encrypted (SSL) connection**.
6. Press the **Next** soft key. The **User Information** screen displays.

7. Enter your Microsoft Exchange User name, Password, and Domain.
8. To save the password for subsequent accesses, select **Save password**.
9. Press the **Next** soft key.
10. Select data types to synchronize.
11. When you are done, press the **Finish** soft key.

Changing the Synchronization Schedule

You can schedule synchronization with the Microsoft Exchange Server on two separate times. Use the peak time schedule to synchronize during working hours or other times when you experience higher mail volumes. Use the off-peak time schedule to synchronize during times when you experience lower mail volumes.

1. From the **Home** screen, select **Start → ActiveSync**.
2. Press **Menu** soft key, then select **Schedule**. The **Schedule** screen displays.
3. Set each option:
 - To synchronize periodically during peak times, select a frequency of synchronization in the **Peak times** field.
 - Select frequency of synchronization in the **Off-peak times** field to synchronize periodically during off-peak times.
4. Select one of the available options.
 - To use the peak time and off-peak time setting while roaming, select **Use above settings when roaming**.
 - To synchronize each time you send an e-mail, select **Send/receive when I click Send**.
5. To set the days and hours for peak time, press the Menu soft key and select **Peak Times**. The **Peak Times** screen displays.
6. Set each option:
 - Select the individual Peak days.
 - Select the Peak start time.
 - Select the Peak end time.
7. Press the **Done** soft key when you are finished. You are returned to the **Schedule** screen.
8. Press the **Done** soft key to return to the **ActiveSync** screen.

Connecting Your Phone to a Computer

To connect the phone to your computer, you can choose one of the following ways:

- Using a USB data cable

- Using a Bluetooth connection

Using a USB data cable

Connect one end of the USB data cable to the jack on the bottom of the phone and the other end to the USB port on your computer.

Note: Your phone must be set for Microsoft® ActiveSync® to use a USB connection. Select **Start → ActiveSync → Menu → Connections...**, then select **Synchronize all PCs using this connection** and set **USB**.

The connection is established and the Microsoft® ActiveSync® window displays. The synchronization automatically begins.

Connecting using Bluetooth Wireless Technology

To use ActiveSync® via Bluetooth wireless technology, you need to configure the settings for both your PC and your handset.

PC Configuration

1. Add a COM port in the Bluetooth application you use on your PC.
2. In ActiveSync, select **File → Connection Settings**. The **Connection Settings** window pops-up.
3. Check **Allow connections to one of the following:**, then choose the COM port added in Step 1.

PDA Configuration

1. Establish a Bluetooth connection between your device and your PC.
2. Select **Yes** in the Bluetooth ActiveSync dialog box that displays, “**(Your PC) supports synchronizing using Bluetooth. Would you like to designate it as an ActiveSync partner?**”
3. On your phone, from the **Home** screen, elect **Start → Programs → ActiveSync**.
4. Press the **Menu** soft key, then select “**Connect via Bluetooth.**”

Windows Mobile Device Center (Windows Vista)

The Microsoft Windows Mobile Device Center enables you to set up new partnerships, synchronize content, and manage music, pictures, and video with Windows Mobile powered devices (Windows Mobile 2003 or later). The Windows Mobile Device Center is only supported on Windows Vista.

Windows Mobile Device Center helps you to quickly set up new partnerships, synchronize business-critical information such as e-mail, contacts and calendar appointments, easily manage your synchronization settings, and transfer business documents between your device and PC.

The Windows Mobile Device Center simplifies managing media between your Windows Mobile powered device and your PC. With the picture acquisition wizard, you can easily tag and transfer all of the pictures from your Windows Mobile powered device to your PC's Windows Photo Gallery.

System Requirements

Windows Mobile Device Center is currently only available for the following versions of Microsoft Windows Vista™.

- Windows Vista™ Ultimate
- Windows Vista™ Enterprise
- Windows Vista™ Business
- Windows Vista™ Home Premium
- Windows Vista™ Home Basic
- Microsoft® Office 2003
- Microsoft® Outlook® XP, Microsoft® Outlook® 2003, or Microsoft® Outlook® 2007 messaging and collaboration clients are required for synchronization of e-mail, contacts, tasks and notes between your i220 and a Personal Computer.

Installing Windows Mobile Device Center

If your PC is running Windows Vista, your synchronization settings will be managed through the Windows Mobile Device Center. For instruction on downloading Windows Mobile Device

Center visit <http://www.microsoft.com/windowsmobile/devicecenter.mspix>.

Section 13: Personalizing Your Phone

This section explains how to personalize your phone to suit your needs and preferences.

Basic Personalization

A set of basic personalization functions is available with the **Getting Started** tool. This tool lets you quickly setup the following features and functions to your preferences:

- Date and time
- E-mail
- Device password
- Bluetooth headset
- Home screen background
- Ring tone for voice calls

For more information, refer to “*Setting Up Your Phone (Basic)*” on page 8.

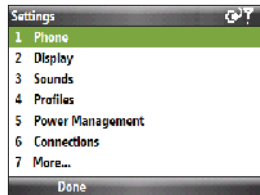
Setup Your Phone's Sounds

You can set several of your phone's sounds (such as the call ringer) as a group by selecting a sound Profile. (For more information, refer to “*Set sound Profile*” on page 13.)

Accessing the Settings Menu

To access the majority of your phone's personalization settings, do the following:

- ▶ With the Home screen showing, do one of the following:
 - Press the **Start** soft key, then select **Settings** ().
 - Select the **Shortcuts** widget, then select **Settings** ().



The first page of the **Settings** menu appears in the display.

The following sub-sections describe uses of your phone's Settings.

Navigating the Settings Menu

- To advance to the next **Settings** menu page, press .
- To return to the previous **Settings** menu page, press .
- To select a menu option, press the **Done** soft key or press .

Changing the Phone Settings

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

Note: To use your i220 in Auto Answer mode, you must connect a handsfree headset (wired or Bluetooth) or a Bluetooth Handsfree Kit to your phone.

1. At the **Settings** menu, select **Phone → Auto Answer**. The following settings are available:
 - **2 Seconds** — Phone automatically answers calls after 2 seconds.
 - **4 Seconds** — Phone automatically answers calls after 4 seconds.
 - **6 Seconds** — Phone automatically answers calls after 6 seconds.
 - **8 Seconds** — Phone automatically answers calls after 8 seconds.
 - **10 Seconds** — Phone automatically answers calls after 10 seconds.
 - **Never** — Disables automatic answering of calls.

Tip: To display a list of these options, press .

2. Select the desired setting.

Call Options

These options control how your phone handles incoming and outgoing voice calls.

1. At the **Settings** menu, select **Phone → Call Options**. The following options appear in the display:
 - **Any key answer** (check box) — When checked, lets you answer incoming voice calls by pressing any key except . (To check/uncheck this option, press .)
 - **Phone number** (display only) — Shows the phone number assigned to your phone.
 - **Voice mail number** — Lets you change the number used to dial your voice mail account.
 - **International code** — Lets you set the code the international call shortcut (press and hold ) uses to dial international numbers.

Tip: In addition to the Exit code (default is 011) you can add a specific Country code. Example — (01182) would automatically dial a number in South Korea.

2. Highlight the desired option and enter a new setting.
3. To save your changes, press the **Done** soft key.

Voice Privacy

This option lets you select the level of security applied to your calls.

Note: With **Voice Privacy** set to **On**, enhanced level security is applied to your calls, which can result in encoding and decoding delays.

1. At the **Settings** menu, select **Phone → Voice Privacy**. The following settings are available:
 - **On** — Enhanced security
 - **Off** — Standard security
2. Select the desired setting.
3. To save your setting, press the **Done** soft key.

Changing the Display Settings

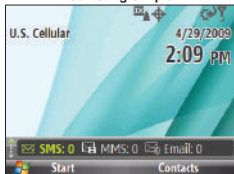
Home Screen

1. At the **Settings** menu, select **Display → Home Screen**. The following options appear in the display:

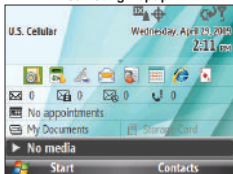
- **Home screen layout** — Lets you choose from the following layouts:



Samsung Simple



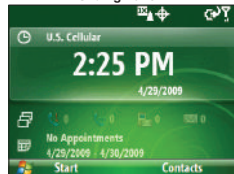
Samsung Popup



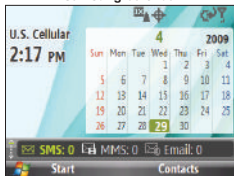
MSN Default



Sliding Panel



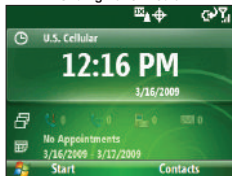
Samsung Calendar



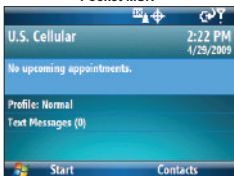
Samsung Multi Clock



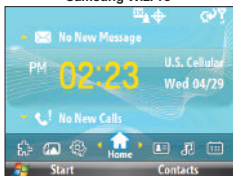
Sliding Panel Media



Pocket MSN



Samsung WizPro



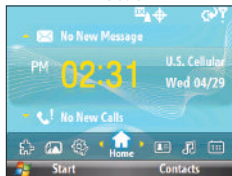
- **Color scheme** — Lets you select from the following color schemes:

- | | | |
|---------------|----------------|------------------|
| – Default | – Purple | – Guava Bubbles |
| – Blue | – Red | – Samsung Blue |
| – Brown | – Text : Black | – Samsung Black |
| – Grey | – Text : White | – Samsung Purple |
| – Light Green | – Yellow | – Samsung Violet |

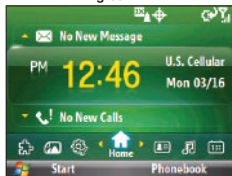
- Magenta
- Windows Mobile Green

- **Background Image** — Lets you choose from the following images:

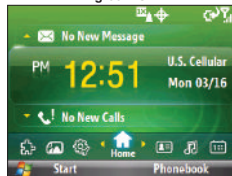
Default



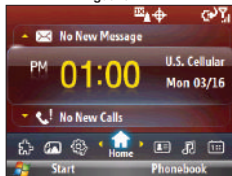
green



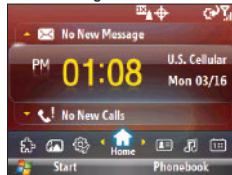
greenLS



guava



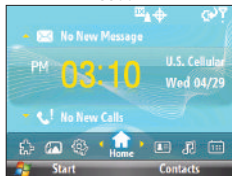
guavaLS



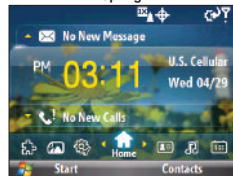
WIZPRO



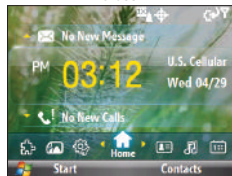
USCC



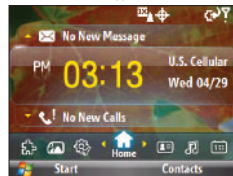
Spring



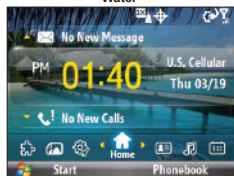
Grass



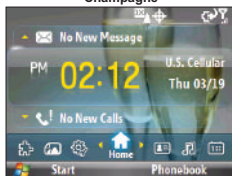
Leaf



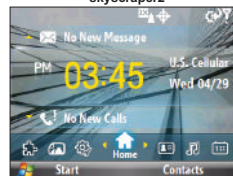
Water



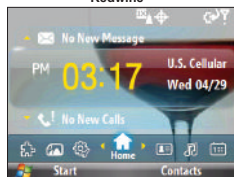
Champagne



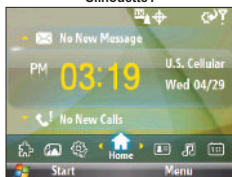
skyscraper2



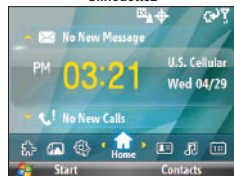
Redwine



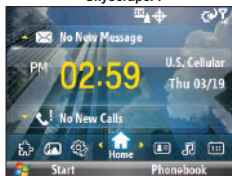
Silhouette1



Silhouette2



Skyscraper1



- **Time out** — Lets you how long the current screen will display without activity before returning to the **Home** screen. The available options are:
 - **Never**
 - **After 10 seconds**
 - **After 5 minutes**
 - **After 10 minutes**
 - **After 15 minutes**
 - **After 30 minutes**
2. Highlight the desired option, then press the Navigation key Left or Right to select a new value for the highlighted option.
 3. To save your changes, press the **Done** soft key.

Start Menu Style

1. At the **Settings** menu, select **Display → Start Menu Style**. The following settings are available:
 - Grid
 - List
2. Select the desired style by pressing Navigation key Left or Right.
3. To save your setting, press the **Done** soft key.

Changing the Sound Settings

Ringtone

1. At the **Settings** menu, select **Sounds → Ring Tone**. The following settings are available:

• Vibrate	• 6_slowly	• Digital Bell
• None	• 7_sonicboom	• Gutta Tone
• 1_club mix	• 8_the bridge of cloud	• Minimal Tone
• 10_castle on a cloud	• 9_chill out	• Popple Tone
• 2_disco party	• Animato Tone	• Samsung Tune
• 3_late night	• Charming Intro tone	• Single Tone
• 4_mix master	• Classic Bell	• Ticktock Tone
• 5_moonlight	• Crossing Tone	• Uscping 1-2

2. To preview the ringtones, press the **Menu** soft key, then select **Play**.
3. To change the ringtone setting, press the Navigation key Left or Right.
4. To save your change, press the **Done** soft key.

Notification

The Notification settings allow you to select the actions for which you hear sounds and how you are notified when different events occur.

1. At the **Settings** menu, select **Sounds → Notification**. The **Notification** screen appears in the display showing the current Notification settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
 - For more options, press the **Menu** soft key.
3. To save your settings, press the **Done** soft key.

System Sound

1. At the **Settings** menu, select **Sounds → System Sound**.
The **System Sound** screen appears in the display showing the current System Sound settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
 - For more options, press the **Menu** soft key.
3. To save your settings, press the **Done** soft key.

Keypad Tone

1. At the **Settings** menu, select **Sounds → Keypad Tone**.
The **Keypad Tone** screen appears in the display showing the current Keypad Tone setting.
2. Select a new value by pressing the Navigation key Left or Right.
— or —
View a list of available values by pressing .
3. To save your setting, press the **Done** soft key.

Call Alert

1. At the **Settings** menu, select **Sounds → Call Alert**. The **Call Alert** screen appears in the display showing the current Call Alert settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Notification key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
3. To save your settings, press the **Done** soft key.

DNSe

Note: The DNSe setting requires that you connect a headset to your phone.

1. At the **Settings** menu, select **Sounds → DNSe**. If no headset is connected to your phone, you are prompted to connect one.
2. If not connected, connect a headset to your phone, then press the **OK** soft key. The **DNSe** screen appears in the display showing the current DNSe settings.
3. Enter or select values for each setting in turn.

- Highlight each setting by pressing the Navigation key Up or Down.
- Select values by pressing the Navigation key Left or Right.
- View a list of available values for a highlighted setting (and their effects) by pressing .

4. To save your settings, press the **Done** soft key.

Emergency Tone

1. At the **Settings** menu, select **Sounds → More... → Emergency Tone**. The **Emergency Tone** screen appears in the display showing the current Emergency Tone setting.
2. Select a new value by pressing the Navigation key Left or Right.
— or —
View a list of available values by pressing .
3. To save your setting, press the **Done** soft key.

Profiles

This option lets you review, select, and edit a sound profile for your phone.

Selecting a Profile

1. At the **Settings** menu, select **Sounds → Profiles**. The **Profiles** screen appears in the display showing the

available Profiles. A checkmark indicates the currently selected Profile.

2. For more information, refer to “*Set sound Profile*” on page 13.

Changing a Profile

1. At the **Settings** menu, select **Sounds → Profiles**. The **Profiles** screen appears in the display showing the available Profiles. A checkmark indicates the currently selected Profile.
2. Highlight the Profile you want to change.
3. Press the **Menu** soft key, then select **Edit**. The selected Profile’s settings appear in the display.
4. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting (and their effects) by pressing .
5. To save your settings, press the **Done** soft key.

Power Management

1. At the **Settings** menu, select **Power Management**. The

Power Management screen appears in the display showing an expanded **Main battery** charge level display and the current Power Management settings.

2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting (and their effects) by pressing .
3. To save your settings, press the **Done** soft key.

Connections

Wireless Manager

Wireless Manager lets you enable/disable the i220's Bluetooth and Phone functions.

1. At the **Settings** menu, select **Connections → Wireless Manager**. The **Wireless Manager** screen appears in the display showing the current Bluetooth and Phone settings.
2. Highlight the connection you want to enable/disable, then press .
3. To save your setting(s), press the **Done** soft key.

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.

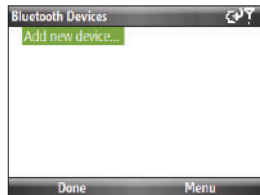
General Settings

This option lets you view and manage the Registered List of other Bluetooth devices paired with your i220.

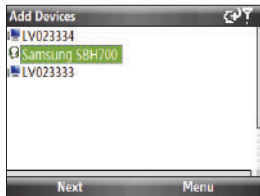
1. At the **Settings** menu, select **Connections → Bluetooth → General Settings**. The **Bluetooth Devices** screen appears in the display listing the Bluetooth devices paired with your i220.

2. To pair a headset with your i220:

- Set your Bluetooth headset to Visible, then select **Add new device...** A list of visible Bluetooth devices appears in the display.



- Highlight your Bluetooth headset, then press the **Next** soft key. You are notified that your i220 has connected with your Bluetooth headset.



3. To remove a device from the list:

- Press the **Menu** soft key, then select **Delete**. You are prompted to confirm your deletion.
- To confirm the deletion, press the **Yes** soft key.

My Information Setting

This option lets you change your i220's Bluetooth device name.

1. At the **Settings** menu, select **Connections → Bluetooth → My Information Setting**. The **My Information Setting** screen appears in the display showing the i220's current Bluetooth Device name.
2. To change the name, highlight the **Device name:** field.
3. Use the keypad to edit the name or enter a new name.
4. To save your new setting, press the **Done** soft key.

Incoming Beam Setting

1. At the **Settings** menu, select **Connections → Bluetooth → Incoming Beam Setting**. The **Incoming Beam Setting** screen appears in the display with the **Receive incoming beams** checkbox highlighted.
2. Enable/disable this setting by pressing .
3. To save your new setting, press the **Save** soft key.

FTP Server Setting

1. At the **Settings** menu, select **Connections → Bluetooth → FTP Server Setting**. The **FTP Server Setting** screen appears in the display showing the current Bluetooth and OBEX FTP security settings and Shared Folder setting.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing .
3. To save your new settings, press the **Save** soft key.

Basic Printer Setting

Lets you assign a Bluetooth printer that is paired with your i220 as the Default printer. (For more information, refer to “*General Settings*” on page 116.)

Note: Ensure **Basic Printing** is enabled for your Bluetooth printers.

- At the **Home** screen, press and hold the Lock key (■).
 - In the **Quick List** menu, select **Wireless Manager**.
 - In the **Wireless Manager** screen, press the **Menu** soft key, then select **Bluetooth Settings**.
 - Select a Bluetooth printer, press the **Next** soft key.
 - In the **Services** screen, verify that **Basic Printing** is checked. If not, select **Basic Printing** (a checkmark appears), then press the **Done** soft key.
-

1. At the **Settings** menu, select **Connections → Bluetooth → Basic Printer Setting**. The **Basic Printer Setting** screen appears in the display showing the Bluetooth printers currently paired with your phone and indicating the default printer.
2. To select a new default Bluetooth printer:
 - Highlight the Bluetooth printer.
 - Press the **Menu** soft key, then select **Select Default Printer**.
3. To save your new setting, press the **Done** soft key.

Smart Pairing Setting

Lets you select whether the i220 attempts to pair with other Bluetooth devices using predefine or specified PIN codes.

1. At the **Settings** menu, select **Connections → Bluetooth → Smart Pairing Setting**. The **Smart Pairing Setting**

screen appears in the display showing the current Smart Pairing settings.

2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing **○**.
3. To save your new settings, press the **Save** soft key.

Discoverable Mode Setting

Lets you make your i220 “visible” to other Bluetooth devices (such as, personal computers or other handsets) for purposes of pairing with those devices.

1. At the **Settings** menu, select **Connections → Bluetooth → More → Discoverable Mode Setting**. The **Discoverable Mode Setting** screen appears in the display.
2. Select a new setting by pressing the Navigation key Left or Right.
3. To save your new setting, press the **Save** soft key.

Supported Profiles

Actually, the Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles reduce the chance that different devices will not work together.

- ▶ At the **Settings** menu, select **Connections → Bluetooth → More → Supported Profiles** to view a list of the Bluetooth Profiles supported by the i220.

USB

This option lets you select how the USB interface on your i220 will react to being connected to a Personal Computer.

1. At the **Settings** menu, select **Connections → USB**. The **USB** screen appears in the display showing the current USB settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
3. To save your settings, press the **Done** soft key.

Dial-up

1. At the **Settings** menu, select **Connections → Dial-up**. The **Dial-up** screen appears in the display showing the following options:
 - **New...** — Lets you create a new Dial-up profile.
 - **Network Connection** — Partially pre-defined profile for connecting your i220 to a computer network. To personalize this profile to suit your network, press **Menu** and select **Edit**.
 - **Phone As Modem** — Partially pre-defined profile for using your i220 as a wireless modem. To personalize this profile to suit your needs, press **Menu** and select **Edit**.
2. Select the desired option. The respective Dial-up connection profile screen appears in the display.
3. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
4. To save your settings, press the **Done** soft key.

Proxy

1. At the **Settings** menu, select **Connections → Proxy**. The **Proxy** screen appears in the display and lists any existing Proxy profiles.
2. To create a Proxy profile, select **New...** The **Add Proxy** screen appears in the display.
3. To change an existing profile, highlight it and press the **Menu** soft key, then select **Edit**. The related Proxy screen appears in the display.
4. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
5. To save your settings, press the **Done** soft key.

VPN

This option lets you setup Virtual Private Network (VPN) profiles.

1. At the **Settings** menu, select **Connections → VPN**. The **VPN** screen appears in the display and lists any existing VPN profiles.

2. To create a VPN profile, select **New...** The **Add VPN** screen appears in the display.
3. To change an existing profile, highlight it and press the **Menu** soft key, then select **Edit**. The related Proxy screen appears in the display.
4. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
5. To save your settings, press the **Done** soft key.

USB to PC

Lets you enable or disable advanced network functionality for i220 USB-to-PC connections.

1. At the **Settings** menu, select **Connections → More... → USB to PC**. The **USB to PC** screen appears in the display and shows the current advanced network functionality setting.
2. To change the setting, highlight the **Enable advanced network functionality** checkbox.

3. Press .
4. To save your setting, press the **Done** soft key.

Domain Enroll

Lets you enroll your phone in one of your employer's domains.

1. At the **Settings** menu, select **Connections** → **More...** → **Domain Enroll**. The **Domain Enroll** screen appears in the display, explains what information you need to enroll your phone in a company domain, and shows the current Domain Enrollment status.
2. To enroll your phone, press the **Enroll** soft key. You are prompted to backup your data stored on your phone before continuing the Domain Enrollment.
3. Press the **Next** soft key. The **Enroll** screen appears in the display.
4. Follow the prompts to complete the Domain Enrollment.

Date and Time

- At the **Settings** menu, select **More...** → **Date and Time**. (For more information, refer to “Set date and time” on page 8.)

Roaming

Lets you enable or disable Roaming for your i220 and lets you select the type of Roaming to use.

1. At the **Settings** menu, select **More...** → **Roaming**. The **Roaming** screen appears in the display, showing the current Roaming setting.
 - Select a new value by pressing the Navigation key Left or Right.
 - View a list of available values by pressing .
2. To save your setting press the **Done** soft key.

Security

- At the **Settings** menu, select **More...** → **Security**. The **Security** screen appears in the display, showing the following options:

Device Lock

Lets you set your phone to lock itself automatically, and lets you specify a password for unlocking the phone.

1. In the **Security** screen, select **Device Lock**. The **Password Settings** screen appears in the display with the **Prompt if device unused for** checkbox highlighted.
2. To activate the other settings, press .

3. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
4. To save your settings, press the **Done** soft key.

Certificates

Certificates screens let you view and delete **Personal**, **Intermediate** and **Root** certificates that grant external access to your phone and/or grant your phone access to external systems.

Encryption

Lets you enable or disable encryption for files stored on microSD storage cards.

1. In the **Security** screen, select **Encryption**. The **Encryption** screen appears in the display with the **Encrypt files when placed on storage cards** checkbox highlighted.
2. To change the current setting, press .
3. To save your setting, press the **Done** soft key.

Emergency Numbers

This option lets you specify up to three Emergency Numbers in addition to the default numbers 911, *911, and #911.

Phone Reset

This password-protected option lets you reset your phone's settings to default values.

Memory Information

This option displays the amount of phone **Memory** and **Storage** and **Storage Card** space are **Used** and **Free**.

This option also lets you format a microSD storage card.

Text Input Settings

1. At the **Settings** menu, select **More... → Text Input Settings**. The **Text Input Settings** screen appears in the display, showing the the current Text Input settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
3. To save your settings, press the **Done** soft key.

Remove Programs

This option lets you review and remove applications that you have added to your i220.

1. At the **Settings** menu, select **More... → Remove**

Programs. The **Remove Programs** screen appears in the display, listing the applications you currently have installed on your phone.

2. To remove a program, highlight it, then press the **Menu** soft key and select **Remove**. You are prompted to confirm your removal of the selected program.
3. To confirm removal, press the **Yes** soft key.

Message Ticker

1. At the **Settings** menu, select **More... → More... → Message Ticker**. The **Message Ticker** screen appears in the display, showing the current Message Ticker settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Activate/deactivate a highlighted checkbox by pressing .
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
3. To save your settings, press the **Done** soft key.

Accessibility

This option lets you personalize your phone's displayed text, keypress reactions, and in-call alert volume to suit your needs.

1. At the **Settings** menu, select **More... → More... → Accessibility**. The **Accessibility** screen appears in the display, showing the current Message Ticker settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
3. To save your settings, press the **Done** soft key.

Key Settings

These options let you select which functions and features the Message key, Function (Fn) keys, and the Voice Command key launch when pressed or pressed and held.

1. At the **Settings** menu, select **More... → More... → Key Settings**. The **Key Settings** screen appears in the display, listing the following options:
 - **Message Key Settings**
 - **Fn Key Settings**

- **User Defined Key Settings**
- 2. Select the option whose setting(s) you want to review and/or change. The respective screen appears in the display, showing the current settings.
- 3. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.
 - View a list of available values for a highlighted setting by pressing .
- 4. To save your settings, press the **Done** soft key.

Regional Settings

This option lets you personalize the Language, Locale, and Date and Number formats to suit your needs.

1. At the **Settings** menu, select **More... → More... → Regional Settings**. The **Regional Settings** screen appears in the display, showing the current Regional settings.
2. Enter or select values for each setting in turn.
 - Highlight each setting by pressing the Navigation key Up or Down.
 - Select values by pressing the Navigation key Left or Right.

- View a list of available values for a highlighted setting by pressing .

3. To save your settings, press the **Done** soft key.

Other Settings

Location

This option lets you select whether your phone broadcasts a location signal at all times or only when you make an Emergency Call.

1. At the **Settings** menu, select **More... → More... → Other Settings → Location**. You are informed of the effects of setting this option to **ON**.
2. Press the **OK** soft key. The **Location** screen appears in the display, showing the current setting.
3. Change the current setting by pressing the Navigation key Left or Right.
4. To save your setting, press the **Done** soft key.

TTY

This option lets you enable your phone to work with a TTY device.

1. At the **Settings** menu, select **More... → More... → Other Settings → TTY**. You are informed of the effects of

enabling this option.

2. Press the **OK** soft key. The **TTY** screen appears in the display, showing the current setting.
3. Change the current setting by pressing the Navigation key Left or Right.
 - View a list of available values by pressing .
4. To save your setting, press the **Done** soft key.

Phone Information

This option lists information valuable to you, especially if you need to contact Customer Care.

Owner Information

This option lets you enter personal information to be used as an electronic “calling/business card”.

About

This option displays version information about the copy of Windows Mobile installed on your phone and about the hardware used to run Windows Mobile.

Error Reporting

This option lets you enable or disable Windows Mobile's Error Reporting function. This function is explained on the **Error Reporting** screen.

Customer Feedback

This option lets you enable or disable Windows Mobile's Feedback Reporting function. This function is explained on the **Customer Feedback** screen.

Windows Update

This option lets you setup the Windows Update for Windows Mobile function. This function is explained on the **Update Setup** screen.

Managed Programs

This option lets you view Installation History details for any Managed Programs you install on your i220.

Setup E-mail

This option lets you setup your i220 to access an e-mail account. (For more information, refer to “*Set up e-mail*” on page 9.)

Device Name

This option lets you change the Device Name and enter a Description to be used to identify your phone to other devices, such as computers.

Section 14: 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 Counsel 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:** 0.623 W/Kg.
- **Body-worn:** 0.557 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.

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: <https://fun.samsungmobileusa.com/recycling/index.jsp> 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 12/9/2008):

- 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/homepage.html>
- 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/cellphones>

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 your hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: <http://www.audiology.org>

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.

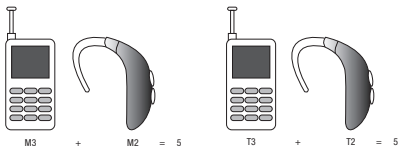
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate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

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. Key in the emergency number for your present location (for example, 911 or other official emergency number).
Emergency numbers vary by location.
3. Press the  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. For more information, refer to the *"Disabling Bluetooth or WLAN"* section.
- 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 15: 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, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number

removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

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 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 leather 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

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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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