# First Things First

Read this before you do anything else.

· Determine if your phone is preactivated.

If you received your Sprint PCS Phone<sup>™</sup> by Motorola in the mail or purchased it at a Sprint PCS Center, your phone may already be activated. If so, it simply needs to be unlocked before you begin using it. See the next page for help unlocking your phone.

#### **Activating Your Phone**

If your phone isn't pre-activated, you may call from your new Sprint PCS Phone by Motorola to get activated.

Charge
 Fully charge your battery. See page 14 for help installing and charging batteries.

2. Turn ON Press to turn the phone ON. Phone

Call Press (\*\*), (\*\*), (\*\*) while in a Sprint PCS
 Sprint PCS
 Service Area. You will be connected to a Sprint PCS Customer Advocate who will guide you through the activation process.

You can also reach Sprint PCS Customer Care from any other phone by calling 1-888-715-4588.

Please turn the page for more important information.

### First Things First

#### What you should know before you call:

- This call typically takes about 30 minutes, but may take longer at peak times.
- Your Sprint PCS Phone by Motorola will be ready for use about an hour after the call is completed.

### What you should have handy:

- Your new Sprint PCS Phone by Motorola.
- The original packaging for your new phone.
- · Your billing address.
- · Your Social Security number or Tax ID number.
- Your driver's license number.
- Pen and paper to write down your new Sprint PCS Phone Number.

During this call, a Sprint PCS Customer Advocate will help you select your Sprint PCS Service Plan and will request billing information. Once you've made all your selections, they'll guide you through the activation process.

#### **Unlocking Your Phone**

Just follow these simple steps to unlock your phone:

- **1. Turn ON** Press **to turn the phone ON. Phone**
- 2. Enter Code Enter your four-digit code.

If you don't remember your code, try using the last four digits of your Sprint PCS Phone Number or the last four digits of your Social Security Number or Tax ID Number. If that doesn't work, take your phone to the nearest Sprint PCS Center for assistance.

# First Things First

#### **Sprint PCS Web Site**

You can find detailed answers to questions about your Sprint PCS account online by visiting the Sprint PCS Web Site at www.sprintpcs.com.

Once you enter our web site, click on the "Manage" heading to access information about your account, purchase accessories or send text messages to other Sprint PCS customers.

The "Learn" heading lets you explore information on Sprint PCS digital clarity, different service plans, and network coverage areas.

#### **Automated Billing Information**

By following the voice prompts, you will be able to hear the balance due, payments received, billing cycle and minutes used since your last billing cycle.

Information received through •\*, •\* will be updated approximately every 48 hours. There is no charge for this call, and call time is not subtracted from your available plan minutes.

#### One More Important Detail

Our services are provided to you under certain terms and conditions — all of which are listed in the brochure included in the box your phone came in. Please take a moment to read them.

Thank you for choosing this Sprint PCS Phone by Motorola.

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# Welcome to Sprint PCS®

Sprint PCS built the only all-digital, all-PCS nationwide network from the ground up for clearer calls, serving more than 300 major metropolitan areas. We've built our network to give you what we believe you really want from a wireless phone: clear sound, private conversations and time-saving features. But Sprint Personal Communication Services<sup>®</sup> also has the potential to do something more far-reaching—simplify your life. Our advanced technology is designed to grow with your communications needs so that one day you may be able to rely entirely on your Sprint PCS Phone ™ by Motorola to stay in touch.

This guide will introduce you to our technology and your new Sprint PCS Phone by Motorola, through easy-to-follow instructions. For additional help, just stop by any Sprint PCS Center or call Sprint PCS Customer Care.

#### **Sprint PCS Customer Care**

Sprint PCS Customer Advocates will answer 24 hours a day and will be happy to assist you.

Calling with your new Sprint PCS Phone:

• Calling from any other phone:

Call 1-888-211-4PCS (4727).

Thank you for choosing Sprint PCS!

### Guide Overview

We've designed this guide to take you step-by-step through each feature of your new Sprint PCS Phone by Motorola. We'll show you what key to press and what happens when you press it. Follow along and you'll find it's as easy as 1-2-3.

#### Getting Started

Once the box is open, this section will show you where to begin. We will explain what came with your new phone and show you how to use the battery. Turn to page 12 to get started.

#### The Basics

What do all those buttons and lights mean? How do I make my first phone call? In this section, we'll answer those questions and teach you everything necessary to start using your new phone. Begin learning "The Basics" on page 24.

#### Memory

Read "Memory," beginning on page 42, and we will explain how to make the most of your new phone's Internal Phone Book. You will save time with dialing shortcuts and memory features that make it easy to place quick calls.

#### Messaging\*

This Sprint PCS Phone supports messaging services including Caller ID. It can even receive numeric pages and Sprint PCS Wireless Web<sup>5M</sup> messages just like a pager and tell you when you have Voicemail.\* Turn to page 58 to begin "Messaging."

### Using Sprint PCS Wireless Web<sup>™</sup> Services\*

With the Sprint PCS Wireless Web and a wireless Internet-ready Phone, you can browse specially designed text versions of popular Internet sites, receive customized information updates from providers such as Yahoo!® at the times you specify or connect to the Internet or your company's Intranet with a laptop PC or handheld computing device and a Sprint PCS Wireless Web Connection Kit. See page 120.

<sup>\*</sup> Sprint PCS Wireless Web services may not be available in certain service areas managed by Sprint PCS affiliates.

**Important:** Read this information before using your wireless handheld phone.

Exposure to Radio Frequency Signals



Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August 1996, The Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1 (1992).
- National Council on Radiation Protection and Measurements (NCRP). Report 86.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP). (1996).
- Ministry of Health (Canada). Safety Code 6.

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards). For additional information concerning exposure to radio frequency signals, see the statement by the FDA at the end of this user guide.

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Motorola-supplied or approved carrying case, holster, or other body-worn accessory. If you do not use a body-worn accessory ensure the antenna is at least one inch (2.5 centimeters) from your body when transmitting. Use of non-Motorola accessories may violate FCC RF exposure guidelines.

Antenna Care Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

#### **Normal Operation:**

Hold the phone as you would any other telephone, with the antenna pointed up and over your shoulder.

#### **Tips on Efficient Operation:**

Observe the following guidelines to operate your phone most efficiently.

- Extend your antenna fully, if applicable.
- Do not touch the antenna unnecessarily when the phone is in use.
   Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Caution: All batteries can cause property damage, injury, or burns if a conductive material, such as jewelry, keys or beaded chains, touches exposed terminals. The material may complete an electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse, or other container with metal objects. When the battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Observe the following guidelines when using your phone while driving:

- Give full attention to driving—driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions so require.

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

#### **Pacemakers**

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Phone Operation

Batteries





Driving



Electronic Devices



Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- Should turn the phone OFF immediately if you have any reason to suspect that interference is taking place.

#### **Hearing Aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

#### Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information

Turn 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.

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.

Vehicles



Posted Facilities

Aircraft

Turn your phone OFF in any facility where posted notices so require.

Switch OFF your phone before boarding an aircraft. Airline regulations prohibit using your phone while in the air. Check and comply with the policy of your airline regarding the use of your phone while the aircraft is on the ground.

Blasting Areas To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Turn your phone OFF and do not remove the battery when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks from your battery in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for example, if a gas/propane leak occurs in a car or home); 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.

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 in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Your Sprint PCS Phone by Motorola is designed for excellent durability under normal use conditions. Protect your Sprint PCS Phone by Motorola from water damage that could result from spills or excessive exposure to rain. Never submerge your wireless phone. This phone is not waterproof.

Cleaning of this product should only be done with a damp cloth. The use of chemical cleaners may harm the finish and integrity of the radio housing and is not recommended.

Potentially Explosive Atmospheres



Vehicles Equipped with Air Bags

Equipment Care

Cleaning the Phone

# Getting Started

Your Sprint PCS Phone by Motorola comes equipped with a battery and an AC adapter charger to get you up and running. An exciting line of accessory options can customize your wireless package for maximum performance and portability.\*

This chapter will show you how to get started with your new Sprint PCS Phone by Motorola and Motorola Original™ accessories.

### In this chapter we will explain how to:

- Attach and charge batteries.
- Use chargers like the AC adapter charger and dual-slot desktop charging base.

### Package Contents\*



Sprint PCS Phone<sup>™</sup> by Motorola V. Series<sup>™</sup> V8162 Phone

<sup>\*</sup>Package options may vary.

# Package Contents\*



Your phone and accessories may not look exactly as pictured.

<sup>\*</sup> Package options may vary.

### Introduction to Batteries

Each Motorola Original™ battery is shipped in an uncharged state in with a protective clip on it. Before you can use your Sprint PCS Phone by Motorola, you will need to remove the clip from the battery and charge it.

#### **Battery Clips**

It is a good idea to save the protective clip to store and carry the battery when not in use. The clip prevents objects from touching the battery terminals, thereby reducing the risk of injury or damage from a short circuit.

#### Removing the Battery Clip

Press Tab Hold one end of the battery/clip in one hand.
 Press down on the tab at the opposite end of the clip with your other hand.

2. Remove Rotate the clip away from the battery. Clip



#### Attaching the Battery Clip

Insert Insert one end of the battery into the clip, so that the battery fits the notches on the clip.

2. Click Click the other side of the battery into place. Latch



### Installing Batteries

### **Battery Installation**

To install a battery:

1. Remove Cover

Slide the release latch toward the top of the phone. With your other hand, rotate the cover away from the phone.



#### 2. Insert Battery

Insert the battery, printed arrows first, into the top edge of the battery compartment. Continue to push the arrows forward gently. Then push the bottom edge down until it snaps into place.



#### Replace Cover

Insert the tabs of the battery cover into the notches on the bottom edge of the battery compartment. Rotate the cover down until it snaps into place.



### **Removing Batteries**

### **Battery Removal**

To remove a battery:

1. Remove Cover Slide the release latch toward the top of the phone. With your other hand, rotate the cover away from the phone.



2. Remove Battery

Push the battery toward the top of the phone until the bottom edge comes clear. Rotate the bottom edge of the battery up and lift the battery from the phone.



3. Replace Cover Insert the tabs of the battery cover into the notches on the bottom edge of the battery compartment. Rotate the cover down until it snaps into place.



#### Using the Internal Charger

There is a battery charger built right into your phone. To make use of the internal charger, you will need one of the two available adapters, either an AC adapter charger or vehicle power adapter.

**Keep in mind:** When the internal charger is in use and the phone is ON, you can still place and receive calls. However, talking on the phone requires energy, so your phone may not charge while the call is in progress.

1. Attach Phone

Plug the AC adapter charger or vehicle power **Adapter to** adapter into the accessory connector on the bottom of your phone as shown, with the release tab facing up.

2. Plug In Adapter Plug the adapter into the appropriate

power source.



**Keep in mind:** In some cars, the ignition must be ON to use the vehicle's accessory power.

<sup>\*</sup> The use of wireless devices and their accessories ("devices") may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.

#### The Battery Indicator

In the upper right corner of your Sprint PCS Phone's display, there is a battery indicator filled with three segments. The more segments you see, the greater the charge.

- The border of the battery icon will flash during charging.
- When the battery is fully charged, the battery icon will stop flashing and become solid.



#### **Battery Storage and Disposal**

To prolong the life of batteries, avoid exposing them to temperatures below -10°C (14°F) or above 45°C (113°F). It is a good idea to take your phone with you when you leave your car. Never dispose of batteries in fire. To dispose of batteries, contact your local recycling center.

**Caution:** To prevent injuries or burns, do not allow metal objects to contact or short circuit the battery terminals.

### Expert Performance (E•P®)Charging System

The E•P system enables your phone's built-in charger to communicate with installed batteries and tailor its charging cycle to optimize performance. If you see Invalid Battery when you power up the phone, the built-in charger is not able to communicate with the battery and cannot charge it. There are several possible reasons for this message. The most likely one is that the battery is not a Motorola original and it does not have the appropriate E•P technology.

We recommend that you use only batteries and accessories approved by Sprint PCS.

# Using the Dual-Slot Desktop Charging Base (optional)

The dual-slot desktop charging base's front pocket can charge batteries while they are attached to your Sprint PCS Phone by Motorola, and the rear pocket can charge batteries separately.

- **1. Attach** Plug the AC adapter charger into the back of the **Adapter** charging base, with the release tab facing up.
- Plug In Plug the other end of the AC adapter charger into a Adapter wall socket.
- Insert Insert the phone into the front pocket with a battery attached.

Monitor To monitor the status of the battery charging in theStatus front pocket, open the phone while charging.

& Insert If you like, insert a battery into the rear pocket.

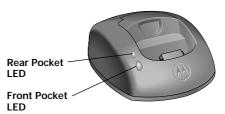
Battery



**Note:** If two batteries are loaded in the charging base, the batteries will charge one at a time, the front pocket first, followed by the rear pocket.

#### **Dual-Slot Desktop Charging Base Indicators**

The LED indicators on the left front of the dual-slot desktop charging base let you know the current state of any charging hatteries



#### For the Front Pocket LED Indicator:

- Yellow means the phone with a battery is securely installed.
- Open the phone to see the charging status for the battery installed in the front pocket.

#### For the Rear Pocket LED Indicator:

- · Red means the battery is charging.
- Flashing yellow means the battery is waiting to be charged.
- Green means the battery is charged within 90% of its capacity and can be used. An additional hour of charging will bring your battery up to 100% capacity.
- Flashing red means the battery is damaged and cannot be charged.

#### **Dual-Slot Desktop Charging Base Times**

The time it takes for your battery to obtain a full charge is affected by a variety of factors, including:

- Temperature Batteries should be at or near room temperature when charging. To prolong battery life and charge capacity, avoid exposing your batteries to temperatures below -10°C (14°F) or above 45°C (113°F). It is a good idea to take your phone with you when you leave your car.
- Inactivity New batteries, or batteries that have been stored for long periods of time, may not charge properly. In these instances, the battery requires an overnight charge.
- Extended Usage Over extended periods of time, batteries gradually wear down and require longer charging times.
   This is normal. If you charge your battery regularly and notice a decrease in talktime or an increase in charging time, then it is probably time to purchase a new battery.

# Sprint PCS Phone Overview

### **Function Keys**

- Turns your Sprint PCS Phone ON and OFE.
- Opens messaging menus.
- Acts as a "shift" key to access the secondary functions of other keys.
- Recalls phone numbers from memory and acts as the left soft key for Minibrowser navigation.
- Stores phone numbers into memory and acts as the right soft key for Minibrowser navigation.
- Clears characters from the screen.
- Ends phone calls and exits the menu.
- Places or answers calls.
- Can be used to scroll through memory entries

and menu features.

**Alphanumeric Display** Displays your input from the keypad, information recalled from memory and other messages.

**Microphone** Positioned for convenient conversation.

**Retractable Antenna** Extend for best performance.

**Earpiece** Ultra-compact phone speaker.

**Headset Jack** Connects an optional headset.

**Accessory Connector** Provides the connection for an external power supply.

**Volume Keys** Located left of the display and represented in the manual by **3** and **3**, these keys adjust the volume and scroll up and down through memory locations and menu features.

### **Using the Smart Button**

Easily recognized in this User's Guide by ● and in your Sprint PCS Phone's display by \* — the smart button puts a variety of functions at your fingertips.



Use the smart button's fingertip convenience for:

### Opening the Quick Menu

Press when your phone is in Standby Mode to display the Quick Menu with shortcuts to your phone's most popular features. See page 40.

#### Opening the Internal Phone Book

Press • twice to open the Internal Phone Book with all your names and numbers. Turn to page 46 in "Memory" to learn more.

#### **Entering the Menu System**

Press then press to enter your phone's menu system. See page 66 for information on navigating the menu system.

#### Selecting Items in the Menu

The primary use of the smart button is to "select." Whenever the phone offers you a choice, such as setting a ringer style, press to select. You will see: Press to Select.

#### **Turning Features ON and OFF**

Press to toggle ON and OFF many menu features, like the call timers (pg. 76). You will see: Press \* to Toggle.

#### Placing and Ending Calls

Press and hold to place a call when the number you want to call is on the display. Press and hold again to end a call. See page 31 for information on placing and ending calls.

# The Basics

The next few pages will introduce you to the basic features of your Sprint PCS Phone by Motorola. In the chapters that follow, we will explain every one of your phone's features, including storing names and numbers, using the call timers, locking the phone, and more.

### In this chapter we will explain how to:

- turn your phone ON.
- use your phone off the Sprint PCS Network (roam).
- read the indicators.
- place, receive and end calls.
- adjust ringer and keypad volume, use shortcuts and more.

### Turning On Your Sprint PCS Phone

Follow these steps to turn your phone ON:

1. Extend Antenna	Extend the antenna completely for best performance.
2. Open Phone	Open the phone to expose the keypad.
3. Turn ON Phone	Press once to turn the phone ON.
4. Turn OFF Phone	Press again to turn the phone OFF.

### Turning On Your Sprint PCS Phone by Motorola

#### **Power Up Display**

Each time you turn your phone ON, your phone performs a short self-test to make sure it's operational and then it scans for service. While the phone scans, the display reads:



#### Digital

When your phone finds the Sprint PCS Network, you will see the time and date, the [ icon, and the Sprint PCS banner.



#### **Power Save Mode**

If you travel outside the range of the Sprint PCS Network, your phone continues to search for a signal. To save power, it stops searching every couple of minutes. You will see: Power Save. Your phone will automatically begin searching again in a minute or two — if you would like it to start searching immediately, just press any key.

#### **Backlight Standby**

To conserve energy, your phone turns OFF the backlight when you have not touched a key for a few seconds. The backlight will come back ON as soon you press a key or open the phone.

#### Tip: You can choose how long the backlight remains ON. See page 110.

### Roaming with Your Sprint PCS Phone by Motorola

#### You can use your Sprint PCS Phone:

- · In any city where Sprint PCS provides service.
- Roaming on other CDMA networks where Sprint PCS has roaming agreements in place.

When you use your phone outside the Sprint PCS Nationwide Network, it's called roaming. If you're roaming in areas where agreements are in place with other CDMA carriers, you will pay the roaming rate plus long-distance charges, where applicable. Always dial using 11 digits (1+ area code + phone number) when calling from outside your Sprint PCS Service Area.

In areas where Sprint PCS does not have roaming agreements in place, you may still be able to make (but not receive) calls using a credit card. This is called manual roaming.

#### Roaming Ringer

For an easy way to know if you are on the Sprint PCS Network before you answer calls, use this feature. See page 87.

### Setting your Phone's Mode

Your phone has two settings that allow you to control how your phone selects network signals. See Setting Your Phone's Mode on page 117.

#### **Call Guard**

To make it easy to control roaming, this feature reminds you when you're making or receiving a roaming call. See Setting Call Guard on page 104.

### Roaming with Your Sprint PCS Phone by Motorola

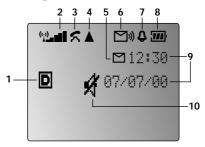
#### **Calling Experience**

When using your phone roaming on other CDMA networks, call quality and many other aspects will be similar to the Sprint PCS Nationwide Network. For instance, although certain calling features may not be available, your phone calls will still be private and secure.

 Some calling features (such as Caller ID and voicemail message indicator) that are standard within the Sprint PCS Nationwide Network may not be available.

If you're on a call and leave a Sprint PCS Service Area, your call will be dropped. When reentering a Sprint PCS Service Area while on a roaming call, turn your phone OFF and then ON again to acquire Sprint PCS Service.

Accessing Sprint PCS Customer Care while Roaming If you need customer service for any reason while outside the Sprint PCS Nationwide Network, call 1-888-211-4PCS (4727) to reach Sprint PCS Customer Care.



### Digital (1)

Indicates you are receiving a digital signal.

# ('i') Signal Strength (2)

Displays the strength of the connection between your phone and the wireless network.

### **f** In Use (3)

Appears when a call is in progress.

#### ▲ Roam (4)

Lights up when your phone accesses a wireless service other than the Sprint PCS Network.

### Message (5)

Appears when you receive a numeric page or Sprint PCS Wireless Web Message. It will disappear after you have viewed the message.

### 

Indicates that you have received a Voicemail message in your Voicemail box. It will disappear after you have checked your Voicemail.

# (·[·)

Strong

(1<mark>3)</mark>

Weak

### **A** Alarm (7)

Appears when your phone's alarm feature is set. See page 84 for more information.

### Battery Level (8)

The three bar segments on the phone's Battery Level Indicator show the amount of charge remaining in your battery. The more bar segments you see, the higher the charge.

For a more detailed battery level reading:

Check Press then press .

See page 30 for more information.

### 12:30 Clock (9)

When your phone is on the Sprint PCS Network, the display shows the current time and date. Wherever you are, you will have the correct local time. You can set your clock for 12- or 24-hour format. See page 111 for more information.

When you select one of the VibraCall® alert combinations (see page 86), the following indicators appear in the display:

# VibraCall® Alert On (10)

Indicates that your phone's ringer is turned OFF and the VibraCall Alert is ON

# Silent Mode (10)

Indicates that all of your phone's tones are silenced and the VibraCall alert is ON.

# Vibrate Then Ring (10)

Indicates that both the ringer and VibraCall alert are ON.

7//4

High

T

Low

#### **Detailed Battery Level Reading**

Press fc then press 4 cm.

The bar graph in the display represents the battery level. The higher the graph, the closer the battery is to full charge.





Low Charge

Full Charge

**Note:** When plugged in, the battery level is rounded to the lowest bar for increased accuracy. When you first attach the AC adapter charger, the level may fall.

**Important:** If the phone is being powered externally–from the vehicle power adapter for example—you will see: Charging.

### Service Light

The Service Light is on top of your phone and lights up when your phone is ON. The color it flashes depends on your phone's current state of service



Red & Green, alternating	Incoming call or message
Green, flashing	In Service: Sprint PCS Network
Red, flashing	No Service
Yellow, flashing slow	Roaming: digital
Yellow, flashing fast	Roaming: non-home type system

Tip: To increase your phone's standby time, you can turn the Service Light OFF. See page 112.

# Placing and Ending Calls

### Placing a Call

1. Extend Extend the antenna completely for best Antenna performance. 2. Open Open the phone to expose the keypad. If necessary, press we to turn the phone ON. Phone 3. Enter Enter the number you want to call, Number for example: 1-847-555-1212. Correct Press to erase one digit at a time if you make a mistake. Press and hold to erase the Errors entire entry and start again. 4. Place Press take to place the call. Call or Press and hold until you hear a high tone.

Tip:
If you see:
Press 1 For
Roam Call,
see page 104
for more
information.

You will see: Connecting 1-847-555-1212.

You can dial phone numbers with up to 32 digits, but only the last twenty-four digits will appear in the display.

Press 🖫 to see the rest of the number.

Your phone will display the first 24 digits, then a second screen will show the digits remaining in the phone number.

# Placing and Ending Calls

### **Ending a Call**

There are three ways to end a call:

Close the phone to end a call. Close

or Press Key Press END.

or Hold Press and hold until you hear a high tone. You will see: Press \* to End Call. Smart Press again to end the call. Button

### Setting Up Three-Way Calling

Three-Way Calling lets you talk with two people at the same time. When you use this feature, you'll be charged local network connection time rates for both calls.

1. Place Call Simply dial the first number and press a just as you normally would.

**2. Put Call on** When the call connects, press to put the Hold first party on hold.

3. Dial 2nd Dial the second number and press .... Number

4. Join Calls When the second party answers, press (ALK) again and begin your three-way call.

Tip: When you dial an emergency number such as 911, your phone will display Emergency Mode for ten minutes. While in emergency mode, you can still place and receive calls normally.

### Redialing Numbers

#### **Automatic Redial**

If you attempt to place a call during an instance of extremely high network traffic, you may hear a fast busy signal and see Call Failed and Press TALK to Redial. With Automatic Redial, your Sprint PCS Phone will repeat the call attempt over the next four minutes. When the call succeeds, your phone will ring or vibrate until the person you are calling answers.

Auto Press or press and hold of until you hear a Redial high tone. You will see: Redial ing.

To make this feature even easier, turn Instant Redial ON. Your phone will instantly redial after a fast busy signal, and you will not have to push a button. To find out more, see page 107.

#### Redial

If you hear an ordinary busy signal:

- 1. Hang Up Press to hang up.
- 2. **Redial** Press to redial or press and hold . You will see: Connecting.

#### **Display Last Ten Numbers Dialed**

Your phone keeps track of the last ten numbers you have dialed.

- 1. Enter Press then press then press the last number dialed.
- 2. Review Press or to scroll through the last calls made, including the time, date, and number.
- 3. Call Press or press and hold to call the Number displayed number. You will see: Connecting.

Tip: Your phone automatically remembers the last number entered. See page 53 to learn more.

#### Tip:

This feature is also available through the Quick Menu. See page 40 to learn more.

# Tip:\*

To delete the displayed entry in the Last Ten Numbers list, press then

<sup>\*</sup> Feature may not be available on some phones.

# Receiving Calls

Your phone must be ON to receive calls. When a call is incoming:

- an alert will sound and/or vibrate.
- the Service Light (pg. 31) will flash red and green.

You can choose your phone's alert, selecting from nine ringer styles or silent vibration mode. See page 87.

#### Answering a Call

To answer a call:

Extend Extend the antenna completely for best performance.

2. Open Open the phone to expose the keypad.

Phone or

Press (ALK) if the phone is already open.

#### Caller ID

Caller ID enables you to see who is calling before you answer.\* The display will show either your caller's name (if in the Internal Phone Book) or your caller's number. If you prefer to always see your caller's number, see page 73 to turn Number Preference ON.





The Caller IDs for your last 16 callers will be saved. See page 60 to learn how to view your stored Caller IDs.

<sup>\*</sup>Information may be unavailable if caller has Call Block active.

# Receiving Calls

#### **Ringer/Vibrating Alert Suppress**

If an incoming call catches you by surprise, you can silence the alert by pressing either volume key. Your phone's ringer or vibrating alert will remain OFF while the current call lasts. The caller will still hear ringing and you can still answer the call by pressing .

**Suppress** When the phone rings or vibrates, press the **Alert** lower volume key.

**Note:** This feature works the same with a headset. To answer the call with a headset after you have turned the alert OFF, press either volume key again or the smart button.

### **Using Call Forwarding**

With Call Forwarding you can have all your incoming calls forwarded to another number — even if your Sprint PCS Phone by Motorola is turned OFE. When Call Forwarding is active, you can still make calls with your Sprint PCS Phone.

To activate Call Forwarding, follow these steps:

1. Begin Press (\* , 7<sub>PORS</sub>, 2<sub>ABC</sub>.

**2. Enter** Enter the 10-digit phone number where you would like your calls forwarded.

**3. Send** Press . You will hear a tone that confirms **Request** you've activated Call Forwarding.

To deactivate Call Forwarding:

Press (\*), (7ot), (2xc), (0or), (AM).
You will hear a tone to confirm the deactivation.

### Receiving Calls

#### **Unanswered Call Indicator**

There are times when you are unavailable to answer calls. If your phone is ON, it keeps a count of unanswered calls. For example, if you miss two calls, your display will show: 2 Calls Unanswered.

Clear Press a or press to clear the display, and you can begin placing calls again.

#### **Call Waiting**

If you're in the middle of a call and you hear two beeps, that means you have another incoming call. You will see: Call Waiting and the name or number of the caller.

Answer Call automatically place the current call on hold.

or End Press to end the current call. Your phone will then ring and/or vibrate as usual, and then press to answer the second call.

#### Tip:

See page 60 to learn how to return the calls you missed.

Tip: See page 73 to choose to see the name or number of the caller

### **Basic Tone Controls**

#### Vibration Mode

In situations where ringing may not be appropriate, or in noisy places where you may not hear your phone, select the VibraCall® alert. Ringing will be replaced by gentle vibrations.



Press then press to switch between ringing and vibrating alerts.

#### Silent Mode

For complete discretion, turn Silent Mode ON. All tones will be silenced. You can dial silently, and the ringer will be replaced by vibrations.



VibraCall Alert ON

Silent Mode ON

**Tip:**See page 85 for the Silent Mode menu option.

Activate Press then press and hold the until you see:
Silent Silent Mode On.

Mode

Silent Mode Un

Turn OFF

Press then press to turn Silent Mode

OFF. Your phone will return to

Ring Only mode.

#### Muting the Microphone

If you would like privacy while a call is in progress, you may mute the microphone—you will be able to hear the party on the other end, but they will not hear you.

Mute Press then press during a call to mute the microphone. You will see: Muted.

**Unmute** Press then press again to resume your conversation.

### **Basic Tone Controls**

The upper and lower volume keys are left of the display and can be used to adjust the earpiece, keypad, and ringer volume. As you press these keys, the phone's speaker will demonstrate the new volume level

#### **Adjusting Earpiece and Keypad Volume**

The audio feedback your phone gives you when you press a key is called keypad tones. When your phone is in Standby Mode, pressing the volume keys adjusts the volume of these tones. To adjust the volume of your conversation (the earpiece volume) use the volume keys during a call.

Raise Press of to raise the volume.

**Lower** Press **t** to lower the volume. **Volume** 

The bar graph in the display represents the volume level. The higher the graph, the louder the volume is.



High Volume



Low Volume

### **Adjusting Ringer Volume**

To adjust ringer volume:

Raise Press then press to raise the ringer volume.

Lower Press then press to lower the

**Volume** ringer volume.

Press then press to lower the ringer volume.

Tip: See page 85 if you would like to silence the keypad tones.

Tip:
Lower the
volume all the
way to turn the
ringer OFF. If the
ringer is OFF, the
only indication of
an incoming call
will be the
Service Light
(see page 31).

### Your Phone & Its Shortcuts

Throughout this guide you will see shortcuts that point out simple ways to reach some of your phone's features. If you have owned a phone manufactured by Motorola before, some of these shortcuts will already be familiar to you.

#### The Quick Menu

Press the smart button and the Quick Menu opens on the display. The Quick Menu contains shortcuts to your phone's most popular features.

Press to se	croll up
Press to o menu and sel	ect 2 3
Phone Book	The Internal Phone Book stores your personal names and numbers. See page 46.
Messaging	If you subscribe to Sprint PCS Wireless Web Messaging, you can use this shortcut or the one on page 58.
Launch Browser	Use this feature to launch the Minibrowser and access Sprint PCS Wireless Web Service. See page 120.
Last 10 Dialed	Your phone remembers the last ten numbers you dialed. Turn to page 34 to learn more.
Set System Mode	Allows you to choose the type of system your phone will access. See page 117.
Call Guard	Lets you know if the call you are making is a roaming call. See page 104.
Main Menu	Select this option to access your phone's menu system. See page 66 to find out more.
Exit	Select this option or press to exit the Quick Menu at any time.

#### Your Phone & Its Shortcuts

#### The Usual Shortcuts

The words "menu," "batt," "lock," "mute," and "vib" appear on the , , , , , and & buttons. Press the key first, then any one of these buttons, and your phone will perform that function.



Enter Press then press to enter the menu

Menu system.

**Display** Press then press to display the

**Meter** battery meter.

Lock Press then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 the press 5 then press 5 then press 5 then press 5 then press 5 then

**Phone** You will see: Look? Press 🖫 to lock.

Mute Press then press to toggle mute ON and

**Phone** OFF during a conversation.

Silence Press then press to toggle your phone's

Ringer VibraCall® alert ON and OFF.

Silence Press on then press and hold 8 to turn ON

All Tones Silent Mode.

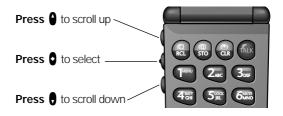
# Memory

Your Sprint PCS Phone by Motorola has its own Internal Phone Book. The Internal Phone Book has 99 locations enabling you to store hundreds of phone numbers for easy access on the go!

#### In this chapter we will explain how to:

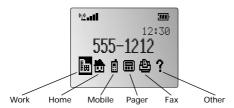
- store names and numbers into the Internal Phone Book.
- · recall phone numbers from memory.
- dial quickly with the Super Speed Dial and Turbo Dial® functions
- · simplify automated calling systems and credit card calls.

Follow these symbols as a guide for using the keys on the side of your phone.



## Making the Most of Memory

Numbered 01-99, each memory location allows you to store a name and as many as four phone numbers. In one location, you can store the home, mobile, work and fax numbers of a single contact. To help you find the right number, when you store the number you assign it an icon:



Once stored, when you view memory locations, you will see the name, location and one icon for each number stored.



To organize your Internal Phone Book for convenient recall, try storing related numbers in groups of ten. For example, store your ten most frequently called numbers in locations 01-09, then you can use the Turbo Dial® keys to call them with the push of a key. You could store business contacts in locations 10-19, family in 20-29, friends in 30-39, and so on.

When you feel ready for more, try the advanced storing features at the end of the chapter. For instance, pages 54-55 describe how the Internal Phone Book can help you access automated calling systems with only a few keystrokes.

### Storing Names and Numbers

Each memory location can store up to four numbers. For a single contact, you can store every number you need, like home, wireless. fax and more.

**Keep in mind:** When you recall entries by name, your phone displays entries alphabetically. If you store an entry without a name it will be placed at the back of the Internal Phone Book.

Enter the phone number you want to store.

Tip:
'XX' is the number
of the lowest
available.

1. Enter

	Number	
	Begin Storing	Press  to begin storing. You will see: Location XX?
_	_	- 🝙 🕳

<ol><li>Accept</li></ol>	Press  or  to store the sequence in the
Location	displayed location.

or	Enter New	Press at to erase the location number
		and enter a new two-digit location number.

or Select	Enter a digit and press 🗱 to store the
Range of	sequence in the first available location
Ten	beginning with that digit.

4. Choose	Press or to scroll through the icons. From
Label	left to right: Work, Home, Mobile, Pager, Fax,*
	or Other. Press 🖫 to select the highlighted icon

5. Store	You will see: Enter Next Number. Enter up
More	to four numbers per location. Press 🖫 when
	finished entering numbers

**6. Enter** Enter a name to identify the phone number. (See Name the next page for help.) Press or when

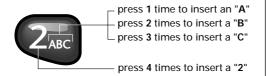
finished. Your phone will confirm by displaying the information stored.

The " # " symbol in your display represents the smart button ...

 $<sup>\</sup>ensuremath{^*}$  Fax calls require the Sprint PCS Wireless Web Connection Kit (sold separately).

### **Entering Names**

When the display shows Alpha or Press \*, you can use the keypad to produce any letter in the alphabet. Use the letters printed on the key as a guide. For example, press to enter the letters "A." "B." or "C" as shown:



#### To enter a name into the Internal Phone Book:

Storing

1. Enter Letter	Press a key as many times as necessary to enter a letter. The next letter on the key will appear with each press.
Toggle Case	Press of or to switch between upper and lowercase.
2. Advance Cursor	After each character, press <b>#</b> to advance the cursor to the next space.
Clear Letter	Press 🖨 to erase a letter if you make a mistake.
Back Space	Press to move the cursor backward if you would like to insert a letter earlier in the sequence.
3. Enter Marks	Press  to scroll through the available punctuation marks: <space> <math>1 \cdot @ / : '</math>, ? ! # * " \$ % &amp; + ; = \ ( ) &lt; &gt; [ ].</space>
4. Finish	Enter up to 24 letters including spaces.

Press when you are finished. Your phone will

confirm the entry by displaying the

information stored

Tip:
Use the volume keys ( or ) to switch between upper and lower case.

### Recalling from Memory

#### Recalling by Name

Once you have stored entries, you can recall them alphabetically and immediately place calls.

- **1. Enter** Press twice to enter your name directory.
- 2. Scroll to Press or to scroll to the name you are looking for.

or Search for Enter the first letter of the name. The display

Name will show the name and location of the first

entry beginning with that letter, and an icon for

each number stored in the entry (up to four).

2.4 m
12:30
Smith J.
4 d f m h

- 3. Select Press oto select the entry for the displayed name. You will see the first number stored in the location
- 5. Place Press and hold or press to call the number. You will see: Connecting.
- Call or

  Press and hold until you hear a high tone.

  You will see: Press \* to End Call.

  then

Press or close the phone.

t**nen** Press **◊** again.

6 Fnd

**Tip:**See page 45 for details on entering letters.

### Recalling from Memory

#### **Recalling by Memory Location**

Each entry you store is placed in a memory location numbered 01-99. Once you have stored entries, you can recall them by memory location.

**1. Begin** Press 🖫 to begin recalling.

2. Enter Enter the two-digit memory location of the entry Location you are looking for.

Choose
 Number
 If you have stored more than one number in that location, press to select the entry, then press
 ♠ or to scroll through the icons.

4. Place Press and hold or press to call the number. You will see: Connecting.

5. End Press or close the phone.
Call or

Press and hold **1** until you hear a high tone. You will see: Press **\*** to End Call.

then
Press again.

### **Editing Memory**

### **Editing a Number**

If you would like to change a number that you have already stored, follow these steps.

1. Enter	Press twice to enter your name directory.
2. Scroll to Name	Press  or  to scroll to the name you are looking for and press  to select.
3. Select Number	Press of to scroll to the number you would like to change and press
4. Edit/Add Phone Number	Enter digits. Press 🗃 to erase one digit at a time, or press and hold 🗃 to erase the entire number.
5. Finish Number	Press or when you finish the phone number.
6. Select Icon	If you would like to change the icon, press • or to scroll through the icons. Press • to select the highlighted icon. The display will show the current location.
7. Keep Location	If you would like to keep the location number, press of or . You will see the name associated with the entry.
or Change Location	If you would like to change the location number, press and hold to erase the location number and enter a new two-digit

number. You will see the name associated with

the entry.

#### 8. Edit Name

Press to erase one letter at a time, or press and hold to erase the entire name.

Press to move the cursor backward. (See page 45 for details on entering names.) Skip this step to leave the name unchanged.

# 9. Confirm Changes

Press or when you finish editing the name. You will see: N Numbers Saved At XX. (N is the total of numbers stored in the location and XX is the location number.)

#### Adding a Number to an Entry

If you would like to add a number to an entry, select the empty cursor while viewing the entry.

**1. Enter** Press twice to enter your name directory.

2. Scroll to Press of or to scroll to the name you are looking for.

3. Select Empty Press or to scroll to Empty.

Press and continue with step 4 on the

previous page.

### **Erasing Memory Entries**

#### Clearing an Entire Entry

Erasing a memory entry will clear the name and all the numbers from the location. To erase a memory entry:

Enter Press twice to enter your name directory.
 Scroll to Name Press or to scroll to the name you are looking for.
 Clear Press to clear the entry. You will see: To Delete Press STD.
 Confirm Press to confirm that you want to erase the entry.

#### Clearing a Single Number

If you would like to keep the entry but delete one number from the entry, follow these steps:

1. Enter	Press twice to enter your name directory.
2. Scroll to Name	Press $\mbox{\Large \bigcirc}$ or $\mbox{\Large \bigcirc}$ to scroll to the name you are looking for.
3. Choose Number	Press <b>to</b> select the entry, then press <b>to</b> or to scroll to the icon of the number you would like to delete.
4. Clear Entry	Press to clear the number. You will see: To Delete Press STO.
5. Confirm Erase	Press 🖫 to confirm that you want to erase the number.

#### Recall Shortcuts

#### Speed Dial

If you know the memory location of the number you wish to call, you can use the Speed Dial function.

**Keep in mind:** If more than one number is stored in the location, your phone will dial the first. To change which number is dialed with Super Speed Dial, see Changing Dialing Shortcuts on the next page.

**1. Enter** Enter the two-digit memory location, 01-99.

2. Place Press and hold or press to call the number you selected. The number stored in the memory location you entered will be dialed. You will see: Connecting.

#### Turbo Dial

The Turbo Dial® keys let you dial numbers stored in locations 01-09 with the push of a button.

**Keep in mind:** If more than one number is stored in the location, your phone will dial the first. To change which number is dialed with Turbo Dial, see Changing Dialing Shortcuts on the next page.

Turbo Press and hold the memory location number of the entry you want to call, through and your call is placed.

You will see: Connecting.

Your phone's Priority Call feature gives you unrestricted access to any number stored in location 01, even if your phone is locked. To learn how to activate this feature, see page 95.

### **Changing Dialing Shortcuts**

When you use the Super Speed Dial feature or the Turbo Dial® keys, your phone uses the first phone number stored in the entry. This feature allows you to change which number is used for these dialing shortcuts.

- **1. Enter** Press twice to enter your name directory.
- 2. Scroll to Press or to scroll to the name you are looking for and press to select.
- 3. Select
  Number

  Number
- **4. Select Set** Press **3.** You will see: Set Speed Dial. Press **3.** to select. You will see: Set.

### Scratchpad

If you need to take a quick note, but you do not want to save the number, use the Scratchpad. The Scratchpad is helpful if you are on the phone and your party gives you another number to call.

1.	Enter Number	Enter the number with the keypad. (The person on the line will hear tones as you dial.)
2.	Store Number	Press and continue with step 3 on page 44.
or	End Call	Press to end your current call if necessary.
&	Place Call	Press to call the number in the Scratchpad.

Tip: Press at any time to see what is on the Scratchpad.

Tip:
Press and hold
to clear the
Scratchpad.

### Pause Dialing

When you call automated systems like Voicemail or bank by phone, a recorded message may prompt you for PIN numbers, account numbers, etc. Pause Dialing can make using automated systems easy by allowing you to store these numbers in the same memory location as the automated system's access number. Separate each set of numbers with a "pause" – a special character that tells your phone to wait before sending additional numbers.

#### Storing a Number with Pause Dialing

The pause occupies a one-digit space in your phone's memory. Once you have entered a string of numbers and pauses, store the string in the same way you store other entries.

Tip: You can store up to 32 digits, including pauses.

1.	Enter Number	Enter the phone number you use to access the automated system.
2.	Insert Pause	Press and press . You will see: Insert Pause o. Press . You will see a pause circle o inserted into the number entry.
3.	Enter PIN	Enter the next group of numbers, for example, your PIN number. If the automated system requires a * or #, enter those symbols, too.
4.	Insert More Pauses	Repeat steps 2 and 3 as many times as necessary.
5.	Store Sequence	Press . Enter a two-digit location, select an icon, press . enter a name if you like, and press . or when finished. Your phone will

you stored.

confirm the entry by displaying the information

**Tip:**Store up to 24 characters including spaces for a name.

#### Using Pause Dialing

Once stored, you may recall the entry and place the call. All of the digits you have stored will be recalled, but your phone will only send the tones for the set of numbers before the first pause.

1. Place Call

Enter the two-digit memory location of the Pause Dialing number and press and hold or press . Your phone will dial the access number and wait for your input when it reaches the first pause.

Numbers

**2. Send More** When the automated system prompts you for information, press or at to send the next group of numbers. Repeat this step to send each group of numbers that you have stored.

3. Fnd Call Press , close the phone, or press & hold until you hear a high tone and press again.

#### **Using Memory Linking**

Each memory location holds up to 32 digits, including pauses. Some automated systems, however, may require you to enter more than 32 digits. If this is required, split the numbers into two memory locations and recall the second set of digits as you need them.

Location

**1. Recall 2nd** Once you have sent the tones from the 1st location, press 🔛 and the two-digit memory location where you stored the second set of digits.

2 Send Tones Press and are to send the tones in the 2nd location. If you have stored a pause in the 2nd location, your phone will pause as usual when it reaches the pause character.

### Using Calling Cards

#### **Storing Calling Card Numbers**

Number Characters are another way your phone can save you time in dialing. The Number Character saves a place in the memory sequence for whatever number you are calling when you use your calling card. For best results, you may use the Number Character along with Pause Dialing.

1. Enter Access Number Enter the phone number you use to access the calling card system, usually a 1-800 phone number. Skip this step if you only dial 0.

- 2. Insert Pause
- Press then press . You will see: Insert Pause o. Press .
- 3. Insert Number Character

Press then press . Press of to scroll to Insert Mumber 11. Press of You will see the number character 11 inserted into the sequence. This special character saves a place for the number you will be calling when you use your calling card.

- 4. Insert Pause
- Press then then as in step 2.
- 5. Enter Code

When you use your calling card, the system prompts you for an access code, usually a PIN code. Enter this number. Repeat steps 4 & 5 if your card requires more access codes.

6. Store Sequence Press . Enter a two-digit location, select an icon, press . enter a name if you like, and press . or when finished. Your phone will confirm the entry by displaying the information you stored.

Tip:
You can help
protect your
calling card
information with
your phone's
call restriction
features. See
page 98 for
details

#### Placing a Calling Card Call

Once you have stored your calling card information, recall the information and place the call whenever you want to use your calling card. Before your phone begins dialing, it will prompt you for the number you want to call. Once you have entered the number, your phone will automatically insert the number in place of the Number Character you stored.

1. Recall Entry Press then enter the location number where your calling card sequence is stored.

2. Enter Number Press . You will see: Enter Mumber. Enter the phone number you are calling. You may enter the number manually or recall it by location.

3. Place Call Press and hold **1** to place the call. Your phone will dial the number to access your long distance provider, then wait for your input when it reaches the first pause.

4. Send More Numbers Press or or press to send the next group of numbers when the recording prompts you. The phone will automatically insert the number to call at the appropriate spot in the sequence. Press to send each set of numbers until finished.

5. End Call Press , close the phone, or press and hold until you hear a high tone, and press again to end the call.

# Messaging\*



The dedicated Message Key provides access to your phone's Messaging Menu. Through this menu, you can check your Voicemail, review numeric pages, read your Sprint PCS Wireless Web<sup>SM</sup> Messages, \* access Minibrowser Alerts, \*\* and view the Caller IDs of your most recent callers.

#### In this chapter we will explain how to:

- · view your Caller IDs.
- check your Voicemail.
- read your Sprint PCS Wireless Web Messages.
- explore your options with the Function Menus.

Follow these symbols as a guide for using the keys on your phone.



<sup>\*</sup> Sprint PCS Wireless Web Messages may not be available in certain areas managed by Sprint PCS affiliates.

<sup>\*\*</sup> May not be available at time of printing.

### Receiving Messages

If your phone is ON and you receive a Voicemail message, Minibrowser Alert, numeric page or Sprint PCS Wireless Web<sup>SM</sup> Message/Update:

#### An alert sounds or vibrates:

Your phone will beep or vibrate.

See pages 82 to 91 for more information on your phone's alerts.

### An indicator appears on the display.

Appears on the second line of the display when you receive a numeric page or Sprint PCS Wireless Web<sup>sM</sup> Message. It will stay on the display until you have read the message.

Msq Mem Low Appears when your phone's message memory is almost full (at approximately 85% capacity).

Msg Mem Full Appears in the main display when the message memory is completely full and your phone is in Standby Mode.

▶ Appears on the top line of the display when you receive a Voicemail message. It will stay on the display until you have listened to the message.

### Press a to open the Messaging Menu:

When you open the Messaging Menu, the icon of the message type you received will be flashing.



#### Tip: See page 35 for information on receiving

Caller IDs

Tip:

For more information on Minibrowser Alerts, see page 132.

Tip:

Sprint PCS holds your messages for a limited time and will forward them after you have made room. See page 65 to learn how to delete messages.

### Viewing Your Caller IDs

Your phone supports Caller ID, which lets you see who is calling before you answer. The Caller IDs for the last 16 different callers are stored so they can be viewed at any time.

- 1. Enter Press a to open the Messaging Menu.

  Messaging
- 2. Select Press of or to scroll to Caller ID and press

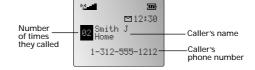
  Caller ID

  to select.

You will see a Caller ID icon **T** for each stored Caller ID. Flashing icons represent Caller IDs that have not been viewed. Below the icons you will see information for the latest Caller ID:



3. Select Press of or to highlight a Caller ID to view and press to view complete information for that call:



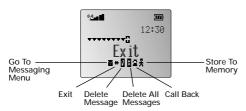
**Keep in mind:** You will see the caller's name only if it is stored in your Internal Phone Book.

A check mark will appear in the corner if you have answered or returned the call. Press to return the call of the displayed caller. Press to store the information.

### Caller ID Options

When viewing Caller IDs, press the Message Key to see the options available for the highlighted Caller ID.

4. Access Options Press to open the Caller ID Function Menu.



**5. Choose** Press of or to scroll to one of the following:

To Msg Press to return your phone to the Messaging Menu.

**#** Exi† Press **◊** to exit to Standby Mode.

Delete Press to delete the currently selected Caller ID. Press again to confirm.

Press to delete all your Caller IDs.
All Mags Press again to confirm.

Call Back Press to return the call.

Store To Press to begin storing the number. See page 44 for help storing.

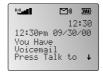
## Checking Your Voicemail

When you receive Voicemail, your phone displays an indicator. That way, you will be able to check for new Voicemail simply by glancing at your phone's display.

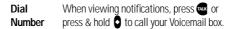
- 1. Enter Press of to open the Messaging Menu.

  Messaging
- 2. Select Press of or to scroll to Voice Mail and voicemail press to select.

If you have one or more Voicemail messages, you will see:



To listen to your messages, dial your access number. Your phone will do this automatically with one keypress.



See the following page for more options.

If you have no new messages, you will see:

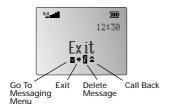


Tip:
Press and hold
to call your
Voicemail
number.

### Voicemail Options

When checking Voicemail, press the Message Key to see options for the highlighted Voicemail notification.

3. Access Options Press ☐ to open the Voicemail Function Menu.



**4. Choose** Press of or to scroll to one of the following:

To Msg Press to return your phone to the Messaging Menu.

**#** Exi† Press **②** to exit to Standby Mode.

Delete Press to delete the currently selected Voicemail notification. Press to confirm.

Call Back Press to dial your Voicemail box number.

## Reading Your Messages

Your phone can receive numeric pages or Sprint PCS Wireless Web<sup>™</sup> Messages<sup>\*</sup> like a pager. The message memory stores up to 60 messages, depending on the size of each.

- 1. Enter Press of to open the Messaging Menu.

  Messaging
- 2. Select Press of or to scroll to Messages and Messages press to select.



3. Select a Press of or to highlight a message to read Message and press to select the message.

Once a message is selected, the following keys will help you read through your messages:

**4. Scroll** Press of or to scroll through the selected message.

**Previous** Press ★ to go to the previous message. **Message** 

Next Press **\*** to go to the next message. **Message** 

If the message includes a number in parentheses (a Callback number) you can use the following shortcuts:

**Callback** Press to dial the Callback number (in parentheses if included).

Store Press to store the Callback number in your Internal Phone Book

\* May not be available in certain areas managed by Sprint PCS affiliates.

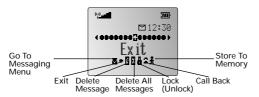
Tip: Flashing icons represent messages that have not been viewed.

Tip:
If the Callback
number matches
one in your
Internal Phone
Book, you will see
the name of the
caller when
you view the
message.

### Message Options

When reading your messages, press the Message Key to see the options available for the highlighted message.

5. Access Options Press of to open the Message Function Menu.



**6. Choose** Press or to scroll to one of the following:

To Msg Press to return your phone to the Menu Messaging Menu.

**#** Exi† Press **◊** to exit to Standby Mode.

Delete Press to delete the currently selected message. Press again to confirm.

☐ Delete Press • to delete all messages.
All Msgs Press • again to confirm.

Lock Press to lock or unlock the message.

Lock important messages to protect them from accidental deletion.

■ Unlock Messages must be unlocked before they can be deleted.

If the message contains a Callback number (in parentheses), you will also see these options:

Call Back Press to dial the sender's number.

Store To Press to begin storing the number. See page 44 for help storing.

## The Works

#### **Introducing the Menu Features**

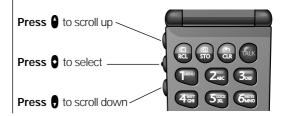
The Sprint PCS Phone by Motorola is loaded with features that can help make life easier and more productive. The phone's user-friendly menu will help you find what you need quickly and easily. You will see the following icons as you scroll through the menu and each represents a menu.



#### Navigating the Menu

You can navigate through the menu system using the three keys located on the left side of the phone. Use the volume keys to scroll up and down through the options available on one level, and the smart button, in the middle, to select.

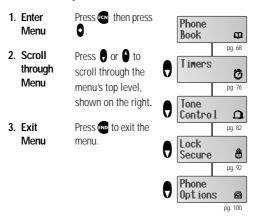
This manual uses these symbols to instruct you to use the navigation keys.



#### Road Maps

To help you navigate through the phone's menu system, chapters begin with an easy-to-follow visual "road map" — a quick overview of what you will find in the chapter that follows.

To use the menu system:



#### **Previous User Compatibility**

If you are already familiar with previous phones manufactured by Motorola, you may prefer to use your Sprint PCS Phone's and be keys to scroll through the menu system.

#### In the Works

In the chapters that follow, detailed instructions describe the operation of each feature. We will explain everything you need to know about your new phone, including how to access and use a feature and what happens when you do.

## Internal Phone Book

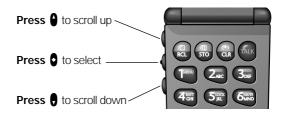


In "Using Memory" you learned how to store and recall phone numbers with the Internal Phone Book. You can access the same features, along with some other interesting features, using your phone's convenient menu system.

#### In this chapter we will explain how to:

- recall and store phone numbers using the menu system.
- · edit your memory information.
- · add numbers to existing entries.
- view your own phone number.

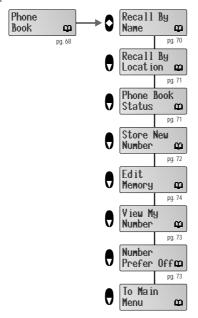
Follow these symbols as a guide for using the keys on the side of your phone.



### Road Map

Press  $\bigcirc$  then press  $\bigcirc$  to enter the menu system.

#### Start:



### Getting to Phone Book...

1 Fnter Menu

Press fcn then press .

Fnter Phone Book Press to select to Phone Book.

#### Recall Bu Name $\mathbf{\omega}$

### Recalling By Name

Once you have stored entries, you can recall them alphabetically with the Phone Book menu. Find the name, choose the number. and instantly place a call.

Press **1** to select Recall By Name. 3. Begin You will see: Enter 1st Letter. Recalling

4. Fnter

Press the appropriate digit key as many times as **First Letter** necessary to enter the first letter of the name. (See page 45 for help entering letters.) You will see the first entry with that letter.

& Find Name If necessary, press  $\bullet$  or  $\bullet$  to scroll to the name you are looking for.

5 Select

Press to select the entry, then press or to scroll through the numbers stored in that location

Number

6. Place Press and hold or press to call the number. You will see: Connecting. Call

7. Fnd Call Press or close the phone.

Press and hold until you hear a high tone. You will see: Press \* to End Call.

then

Press again.

Tip: Press while scrolling through the icons to go to another entry.

### **Recalling By Location**

Each entry you store is placed in a memory location numbered 01-99. Once you have stored the entry, you can use this feature to recall it by the number of the location.

Recall By Location 🗪

3. Begin Recalling Press of or to scroll to Recall By Location and press to select.

You will see Location....

Tip:
To place a quick call just enter the two-digit location and press ...

4. Enter Location Enter the two-digit memory location of the number you are looking for. You will see the name, location number, and an icon for each number stored in the entry.

5. Select Number Press to select the entry, then press of or to scroll through the icons of the numbers stored in that location.

6. Place Call Press and hold or press to call the number. You will see: Connecting.

7. End Call Press or close the phone.

OL.

Press and hold until you hear a high tone.
You will see: Press \* to End Call.
then

then

Press again.

### Phone Book Status

You can use this feature to see how many of your Internal Phone Book's 99 locations have been used.

3. Select Feature Press of or to scroll to Phone Book Status and press to select. You will see: XX In Use XX Empty.

4. Exit Menu Press to exit menu, or you may scroll to other features.

Tip: Press ♦ while scrolling through the icons to go to

another entry.

Phone Book Status 🏻 🛱

#### Getting to Phone Book...

- Fnter Menu
- Press on then press .
- Fnter Phone Book
- Press to select to Phone Book.

#### Store New Number φ

Tip:

of the lowest available

location.

Tip:

### Storing a New Number

This feature allows you to create a new entry in the Internal Phone Book. To add a number to an existing entry, turn to Editing a Memory Location on page 74.

3. Begin Storing Press or to scroll to Stone New Number and press to select. You will see: Foter Number

4. Enter 'XX' is the number Number Enter the number you want to store and press . You will see: Location XX?

5. Enter Location Press or to store the number in the displayed location or enter a new two-digit Incation

If you like, use an or Select icon more than Range of once in the same entry. For instance, Ten you could have two

Enter the first digit of the memory location and press 🗱 to store it in the first available location beginning with that digit.

6. Choose Label

Press or to scroll through the icons. From left to right: Work, Home, Mobile, Pager, Fax, or Other. Press or 🖫 to select the highlighted icon

7 Store If the name or number is already in the Internal

More

8. Fnter

Name

You will see: Enter Next Number. Enter up to four numbers per location. Press 🖫 when finished

Phone Book, you will see. Duplicate Name or Number.

Work numbers and

two Wireless

same entry.

Tip:

numbers in the

Enter a name to identify the phone number(s) or continue with step 9. See page 45 for details on entering names.

9. Store Press or . Your phone will confirm by displaying: N Numbers Saved At XX.

10. Exit Press to exit menu, or you may scroll to other features

#### Viewing Your Sprint PCS Phone Number

Use this feature to view your phone's currently active number.

3. View Press ♠ or ♠ to scroll to Uiew My
Number And press ♠ to select. The display will show the currently active number.

Exit Press to exit the menu, or you may scroll to Menu other features.

#### **Number Preference**

#### When Placing Calls:

If you prefer to see the number (Connecting 555-1212) instead of the name (Connecting Jane Smith) when you place a call from the Internal Phone Book, turn Number Preference ON

#### When Receiving Calls:

With Caller ID, your phone automatically looks up callers in the Internal Phone Book and displays the name stored in the entry. If you prefer to see the caller's number (555–1212), then turn Number Preference ON.

Find Feature
 Press of or to scroll to Number Prefer.
 Feature
 Press of to toggle the feature On or Off.
 Exit Press of to exit the menu, or you may scroll to other features.

View My Number 😄

Shortcut: Press 🔐, 🐠.

#### Getting to Phone Book...

- 1. Enter Menu
- Press on then press .
- 2. Enter Phone Book
- Press of to select to Phone Book.

Edit Memory 🕮

#### **Editing a Memory Location**

You can use this feature to add a number to an entry or change an old number in a snap.

- 3. Begin Editing
- Press of or to scroll to Edi+ Memory and press to select.
- 4. Find by Location

Press ♠ or ♠ to scroll to Edi+By
Location and press ♠ to select. You will see:
Location..... Enter the two-digit memory
location of the phone number you want to edit.
Press ♠ or ♣ and continue with Step 5.

or Find by Name Press or to scroll to Edi+ By Name and press to select. You will see: Enter 1st Letter. Enter the first letter of the name you want to edit. (See page 45 for information on entering letters.) You will see the first entry beginning with that letter. Press of to scroll to the name you are looking for.

Press or and continue with Step 5.

5. Select Number Press of or to scroll to the icon of the number to be edited (if more than one stored). Press of to select. You will see the number.

or Add Number Press or to scroll to the empty cursor and press to select. You will see: Enter Number.

Tip: Store up to four numbers per entry. If four are already stored, you will not see the empty cursor. 6. Edit /Add Phone Phone Phone NumberNumber Phone Phone

7. Finish Press or when you finish the phone number number.

8. Select Press of or to scroll through the icons and press to select the highlighted icon.

The display will show the current location.

or Change
Location

If you would like to change the location
number, press to erase the location number
and enter a new two-digit number. You will see
the name associated with the entry.

10. Edit Press to erase one letter at a time, or press and hold to erase the entire name. Press to move the cursor backward. (See page 45 for details on entering names.) Skip this step to leave the name unchanged.

11. Confirm
Changes

Press or ₩ when you finish editing the name. You will see: N Numbers Saved A+

XX. (N is the total of numbers stored in the location and XX is the location number.)

**12. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

### Call Timers



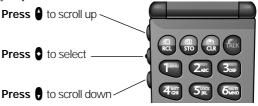
Your phone is equipped with three visual and three audible call timers. You can monitor or record the length of individual calls, set a timer to track monthly usage, or have the phone alert you at intervals that you specify.

**Warning:** Do not use the call timers for billing purposes. Call timers reflect the length of individual calls and do not accurately reflect your carrier's billing practices. For example, call timers will begin immediately when your phone receives a call and will not round to the nearest minute. Also, call timers will begin whenever you place a call, even if the call is unanswered or free (for example, \*2, 911, etc.). Call timers will not necessarily match your billing records and should not be used as a tool to track minutes used during a specific billing cycle. Please see page 3 for more details.

#### In this chapter we will explain how to:

- monitor the length of your calls.
- set and view the resettable timer for long-term monitoring.
- program audible timers for your individual needs.

Follow these symbols as a guide for using the keys on the side of your phone.



#### Road Map

Press (then press to enter the menu system.

#### Start:



#### Getting to Call Timers...

1. Enter Menu Press Ent then press .

2. Enter Press of or to scroll to Timers and press to select.

Individual 00:00:00 Viewing the Individual Timer

The individual timer records the network connection time of your most recent call in hours, minutes, and seconds. It resets before you place the next call. You can have the timer display automatically while calls are in progress. See Auto Display Individual Timer on page 80.

**3. View** When you enter the Call Timers menu, you will see: Individual XX:XX:XX.

Exit Press to exit the menu, or you may scroll to Menu other features.

Press then twice.

Shortcut:

Shortcut: Press ♠, ♦ then ♠ , ♦ ...

Resettable Time 00000 Viewing the Resettable Timer

You can track in one minute intervals the approximate amount of network connection time elapsed. Use this feature to view the time elapsed, and follow the instructions on page 79 to reset the timer.

Shortcut:
Press then
three times.

Shortcut:
Press ← then

4 ♣ , 6 ♣ .

3. View Press ♠ or ♠ to scroll to Reset+dble Time.

You will see the network connection time in minutes since you last reset the timer.

**4. Exit** Press to exit the menu, or you may scroll to Menu other features.

**Note:** The amount of network connection time you track on your resettable timer may not equal the amount of time for which you will be billed by your wireless service provider. For billing information, please contact Sprint PCS Customer Care directly.

#### Viewing the Cumulative Timer

This is a non-resettable timer that keeps track of your phone's total network connection time (in minutes) since your phone was activated.

Cumu lative Time 000000

3. View Timer Press • or • to scroll to Cumulative Time. You will see the total network connection time in minutes.

4. Exit Menu Press to exit the menu, or you may scroll to other features.

Shortcut: Press 🖫 then #1 four times.

Shortcut: 4 CHI , PORS

Press 🖪, 🏚 then

#### Resetting the Timer

This feature allows you to monitor elapsed network connection time over a period of time that you choose. After you reset the timer, it will continue to keep track of your network connection time (in minutes) until you reset it again.

Press or to scroll to Reset Timer. 3. Find **Feature** 

Press to reset. You will see: Resettable 4. Reset Time 0000A Timer

Press to exit the menu, or you may scroll to 5. Exit Menu other features

Reset Timer ħ

Shortcut:

Press 🙉, 🖸 then 4 3 , 3 ,

and continue with step 4.

Shortcut:

Press ( then Oope, Tropes, CLR to reset the timer.

#### Getting to Call Timers...

1. Enter Menu Press then press 5.

2. Enter Press of or to scroll to Timers and press to select.

Individual Timer Off 💆

#### Auto Display Individual Timer\*

When you turn this feature ON, your Sprint PCS Phone by Motorola will automatically display your network connection time in minutes and seconds during and after each call.

**Note:** Activating the Auto Display Timer may reduce standby time and talktime.

Shortcut:
Press (N), (1)
then (42), (8)
and continue
with step 4.

- 3. Find Press of or to scroll to Feature Individual Timer.
- 4. Toggle Press 

  to toggle □n or □ff the automatic display of the individual timer.
- 5. Exit Press to exit the menu, or you may scroll to Menu other features.

One Minute Timer Off 💆

#### One Minute Audible Timer\*

Turn this feature ON to hear an audible beep 10 seconds before the end of every minute during a call. The party on the other end will not hear the beeps.

Shortcut:
Press (a), (b)
then (422), (422)
and continue
with step 4.

- 3. Find Press ♠ or ♠ to scroll to Feature One Minute Timer.
- **4. Toggle** Press **3** to toggle the timer **0**n or **0**ff. **Timer**
- 5. Exit Press to exit the menu, or you may scroll to Menu other features.

<sup>\*</sup> The individual and one minute timers are not intended for billing purposes.

#### Repeating Audible Timer\*

You can set this timer to beep during your calls at an interval that you select—from 11-999 seconds. Like the One Minute Timer, you will hear the beep 10 seconds before the end of each interval, and the party on the other end will not hear the beeps.

Repeating Timer Off 💆

**3. Find** Press **②** or **③** to scroll to Repeating Timer. Feature

Press , then , then and continue with step 4.

Shortcut:

**4. Toggle** Press **♦** to toggle the timer Ûn or Ûff.

5. Enter Seconds

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

#### Single Audible Timer\*

You can set the Single Timer to beep during your calls at a time that you select—from 11-999 seconds. It will beep once during each call, 10 seconds before the end of the preset time. The party on the other end will not hear the beeps.

3. Find Press ♠ or ♠ to scroll to Single Timer. Feature

4. Toggle Press 

to toggle the timer □n or □ff.

Timer

5. Enter If you toggle the timer ON, you will see: Enter Seconds

Seconds. Enter the number of seconds you would like before the beep and press ♦ to set the timer. You will see: Set At XXX Secs.

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

Single Timer Off ℧

Shortcut:
Press (A), (D)
then (40), (2x)
and continue
with step 4.

<sup>\*</sup> The repeating and single timers are not intended for billing purposes.

#### Tone Controls

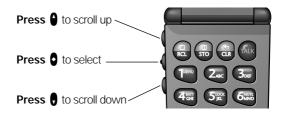


Use the Tone Control features to select different ringer styles or Silent Mode, personalize your phone's ringer styles, or set the phone to remind you of new messages.

#### In this chapter we will explain how to:

- · choose from nine different ringer styles.
- activate and deactivate the VibraCall® alert.
- · silence the keypad.
- silence all your phone's tones with one convenient feature.
- set the Message Reminder.

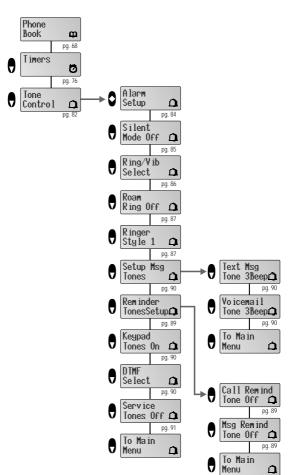
Follow these symbols as a guide for using the keys on the side of your phone.



#### Road Map

Press then press to enter the menu system.

Start:



#### Getting to Tone Control...

1. Enter Menu

Press en then press .

2. Enter Tone Control Press of or to scroll to Tone Control and press to select.

Alarm Setup <u>∩</u> Alarm Setup

Tip:
Press (\*) or #)
to move from field
to field.

Use your phone to remind you of an important appointment or as a wake-up alarm. Set the alarm — when the time arrives, your phone will sound an alarm and display a message that you created. Navigation is simple. Press And To move from field to field and press Or To change the value in the field. You can also use the numeric keypad to enter the time or date you would like. See below for step-by-step instructions.

Tip: You can also use the numeric keypad to enter time or date. **Keep in mind:** The alarm will only work when your phone has digital service. Look in the display for **D** to know if your phone has digital service.

Tip: The current time and date are presented by

default

3. Find Press ♠ or ♠ to scroll to Ĥ l □mm Se+up and press ♠ to select. You will see a screen displaying a time, date, and the alarm icon.

4. Toggle Alarm Press or to toggle the alarm. If OFF, press to exit the menu.

5. Set Time If ON, press to move the cursor to the hours field and press or to scroll to the hour you would like.

Press \*\* to move the cursor to the tens digit of the minute field and press of or to scroll to the value you would like.

Press # to move the cursor to the ones digit of the minute field and press of or to scroll to the value you would like.

Press to move the cursor to AM or PM. Press or to scroll to either AM or PM.

6. Set Date Press **\*** to move the cursor to the month field and press **0** or **0** to choose the month.

Press **\*** to scroll to the day field and press **o** or **t** to choose the day.

Press \*\* to scroll to the year field and press or to choose the year. Press or when finished. You will see: Enter Allarm Text.

7. Enter Message Enter a message of up to twelve characters using the alphanumeric keypad. Press • when your message is complete. See page 45 for details on entering letters.

8. Exit Pi

Press to exit the menu, or you may scroll to other features.

When the alarm is set, **\Q** appears in the upper right corner of the display. You will hear a series of three beeps for thirty seconds when the alarm sounds. To silence the alarm, press any key. The message you entered will be displayed on the screen.

#### Silent Mode

When you need to be discreet, just turn Silent Mode ON. All tones will be silenced. The ringer and incoming message tones will be replaced by vibrations.

3. Find Press of or to scroll to Sillent Mode. Feature

4. Toggle Feature

Press to toggle the feature 0n or 0ff.

5. Exit Menu Press to exit the menu, or you may scroll to other features.

Tip:
To set a
daily alarm,
scroll until you see
--/--/--.

Silent Mode Off △

Shortcut:
Press then
press & hold &\*\*

#### Getting to Tone Control...

1. Enter Menu Press then press .

2. Enter Press ♠ or ♠ to scroll to Tone Control and press ♠ to select.

Ring/Vib Select △

# Selecting Ringer or Vibrating Alert

VibraCall® alert is ideal for situations where ringing may not be appropriate, or in noisy places where you might not hear the ringer. When both the ringer and vibrating alert are ON, the phone alerts you by vibrating for three ring cycles then ringing.

**Note:** If the call terminates or forwards to voicemail before three ring cycles, the phone may not have a chance to transition from vibrating to ringing. Try selecting a different ringer style.

**3. Enter** Press ♠ or ♠ to scroll to Ring/Vib Select Feature and press ♠ to select.

4. Select Press → or → to scroll to Vibrate Only, Ringer/ Ring Only, or Vibrate Then Ring and press → to select the displayed option.

**5. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

Shortcut:

Press ←, →
and →, ←,
and continue
with step 4.

# Tone Controls

#### Roaming Ringer

For an easy way to know if you are off the Sprint PCS Network before you answer calls, use this feature. When roaming with this feature ON, you will hear a distinct ringer for incoming calls.

Ring	0ff	Δ

3. Find Press • or • to scroll to Roam Ringer.

Tip: For more information on roaming, see page 26.

**4. Toggle** Press **♦** to toggle the feature On or Off. **Feature** 

Ringer Style 1 🛕

5. Exit Press to exit the menu, or you may scroll to Menu other features

#### Selecting a Ringer Style

Your new phone offers nine different ringer styles. After you choose a style, the phone will give you a brief sample of your new alert sound, or vibrate if you have the VibraCall® alert selected.

- 3. Enter Press of or to scroll to Ringer Style and Feature press to select.
- 4. Select Ringer Press of or to scroll through the ringer styles. As you scroll, your phone will give an audible sample of the currently displayed style. Press to select the displayed option.
- 5. Exit Press to exit the menu, or you may scroll to Menu other features.

#### Getting to Tone Control...

1. Enter Menu Press then press .

Tone

2. Enter Press of or to scroll to Tone Control and press to select.

Setup Msg Tones 🗘 Setup Message Tones

Nff.

When you receive a new Voicemail, numeric page or Sprint PCS Wireless Web message, your phone beeps. To change the number of beeps or to turn them OFF, use this feature.

Tip:
To make new
messages easy to
recognize, try
making the
number of beeps
different for
Voicemail
messages and
Sprint PCS
Wireless Web
messages.

3. Enter Feature
 4. Select
 Press or to scroll to Sertup Msg Tones and press to select.
 Press or to scroll to Text Msg Tone or to scroll to Sertup Msg Tones and press to scroll to Sertu

Msg Type Voicemail Tone.

5. Toggle Press ♠ to toggle between 3Beep, 1Beep, or

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

#### Reminder Tones Setup

If you subscribe to voicemail or Sprint PCS Wireless Web Messaging, this feature can help you remember to check your messages. Turn Message Reminder Tones ON and your phone will remind you of unread messages by beeping and /or vibrating every two minutes. This feature is especially helpful if you are busy or away from your phone.

Reminder TonesSetup**△** 

3. Find Feature Press of to scroll to Reminder TonesSetup and press of to select.
 4. Select Press of to scroll to Call Remind Tone or Msg Remind Tone and press of to select.
 5. Toggle Feature Press to to toggle the feature On or Off.
 6. Exit Press to to exit the menu, or you may scroll to

Keypad Tones On 🛕

#### **Keypad Tones**

Menu

Keypad Tones are the sounds you hear when you press any key on the phone. If you want to be discreet, use this feature to silence the audio feedback from the keypad.

other features

**Keep in mind:** Turning Keypad Tones OFF does not silence the tones your phone sends across the line. See Transmit Tones on page 90 for more information.

Find Feature
 Press of to scroll to Keypad Tones.
 Feature
 Fress of to toggle the feature 0n or 0ff.

5. Exit Press to exit the menu, or you may scroll to Menu other features.

Shortcut:
Press (A), and (3 or ), (2 or ) and continue with step 4.

#### Getting to Tone Control...

1. Enter Menu Press then press .

2. Enter Press ♠ or ♠ to scroll to Tone Control and press ♦ to select.

DTMF Select **△** 

#### Transmit Tones

Your phone transmits tones to communicate with automated calling systems like Voicemail or bank by phone. These tones are called DTMF tones (Dual Tone Multi-Frequency tones), and this feature allows you to control the length of the tone your phone sends. For most systems, you should use the default setting of short tones, which sends the tones for a preset length of time. If you choose long tones, your phone will transmit the tones for as long as you press and hold the key. To silence the tones during conversations, turn the tones OFE

Shortcut:
Press (CN), (D)
then (3...), (3...),
and continue
with step 4.

3. Enter Press of or to scroll to DTMF Select and press to select.

4. Select Press ♠ or ♠ to scroll to Transmi+ DTMF

Long, Transmi+ DTMF Short, or

Transmi+ DTMF Off and press ♠ to select.

**5. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

**Note:** If you turned the DTMF tones OFF, but you want to access a tone-activated system like Voicemail, place your call, enter the numbers you need to transmit and:

**Send** Press then press to send the tones if **Tones** DTMF tones are OFF.

#### Service Tones

**Feature** 

When Service Tones are ON, you will be instantly alerted to any change in your service. You will hear two short beeps when your phone (1) starts to roam, (2) returns to the Sprint PCS Network after roaming, (3) loses service, or (4) finds service.

3. Find Feature
 4. Toggle
 Press of to scroll to Service Tones.
 Tones of to scroll to Service Tones.
 Tones.
 Tones.
 Tones.
 Tones.

5. Exit Press to exit the menu, or you may scroll to Menu other features.

**Keep in mind:** Your phone will always beep if your phone drops a call.

Service Tones Off 🗘

## Lock/Security

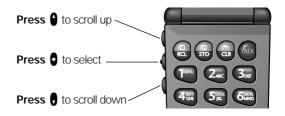


While you probably would not want to leave your phone unattended, your phone has a number of built-in security features to prevent unauthorized use.

#### In this chapter we will explain how to:

- · lock and unlock your phone.
- · place priority calls.
- · view and change your Lock Code.
- restrict call placement and memory access.
- reset or clear your phone's settings.

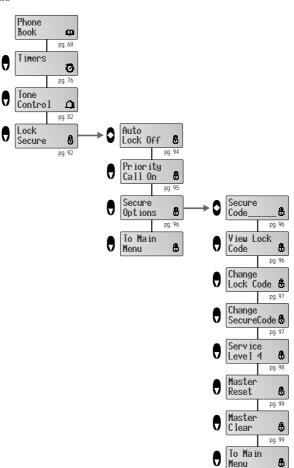
Follow these symbols as a guide for using the keys on the side of your phone.



#### Road Map

Press then press to enter the menu system.

Start:



#### Getting to Lock Secure...

1. Enter Menu Press then press •.

2. Enter Press of or to scroll to Lock Secure and press to select.

Auto Lock Off 💍

#### Auto Lock

Turn this feature ON and your phone will automatically lock itself each time the phone is turned OFE

3. Find Feature Press or to scroll to Auto Look.

**4. Toggle Lock** Press **3** to toggle the feature **0**n or **0**ff.

**5. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

#### Locking the Phone

You can lock your phone manually at any time to help prevent unwanted use. Once locked, you can leave the phone ON or turn it OFF and the phone will remain locked.

1. Lock Phone Press then press You will see: Lock?

#### Unlocking the Phone

Unlocking your phone is quick and easy. Once your phone is ON, just enter your four-digit code. Your factory programmed Lock Code is 0123. If you have changed this code and cannot remember what it is, see Viewing the Lock Code on page 96.

**Note:** You must unlock a locked phone to answer a call or view Caller ID information. Follow these steps to answer an incoming call:

Unlock & Enter your four-digit Lock Code and press 

or

or

Answer

to answer.

A

#### Priority Call

Your phone's priority call feature allows you to instantly place a call from location 01 – even when your phone is locked.

- **3. Find Feature** Press ♠ or ♠ to scroll to Priority Call.
- 4. Toggle Press to toggle the feature On or Off.
- Press to exit the menu, or you may scroll to 5. Exit Menu other features.

#### Storing a Priority Call Number

You should reserve memory location 01 for an emergency number or the number of a family member or close friend. To store your priority number, follow these steps:

- 1. Fnter Enter your priority number. Number
- 2. Save Press and O to choose location 01. Number
- Enter Select a label, enter a name if you like, and press when finished. Your phone Name will confirm the entry by displaying the stored information.

#### Placing a Priority Call

**Place** When Priority Call is ON, press & hold at Call any time.

**Keep in mind:** If call restriction Service Level 1 is enabled, the Turbo Dial® keys will not be active. To override the restriction and place a priority call, press (RCI), (MEN), (ALR. See page 98 for information on your phone's service levels.

Shortcut: Press ECN.

Priority

Call On

then 2<sub>ABC</sub>, 9<sub>WXV</sub> and continue with step 4.

Tip:

If you store more than one number in location 01, the first will be dialed. See page 52 for more information

#### Getting to Lock/Security...

1. Enter Menu Press then press .

2. Enter Press ♠ or ♠ to scroll to Lock Secure and press ♦ to select.

3. Access
Secure
Options

Press of or to scroll to Secure Options
and press of You will see: Secure Code

Enter your six-digit secure code.

#### Secure Options &

#### Secure Options Submenu

This submenu contains a number of features to help protect your phone and personal information, like setting call restrictions and clearing information from your phone. For your protection, you must enter a six-digit secure code in order to access these features. The factory programmed Secure Code is 000000. It is important to change your phone's Secure Code to ensure that your Lock Code is effective (see the next page).

#### View Lock Code ⊕

#### Viewing the Lock Code

Shortcut:

Press (a), (0...), enter six-digit security code, then (2...).

To view the four-digit Lock Code:

4. View Press 

to select View Lock Code.

You will see: Lock Code XXXX.

Exit Press to exit the menu, or you may scroll to Menu other features.

#### Changing the Lock Code

To change the four-digit Lock Code:

Press or to scroll to Change Lock. 4. Begin Code and press • to select. Change You will see: Enter New Code.

Enter New Enter a new four-digit Lock Code. You will see: New Lock Code XXXX. Code

Press to exit the menu, or you may scroll to 6. Exit Menu other features.

#### Changing the Secure Code

The Secure Code is a six-digit number factory set to 000000. You will probably want to change it to something unique and easy to remember.

Press or to scroll to Change Secure 4. Select Feature Code and press 

to select. You will see: New Code

5. Enter New Enter a new six-digit Secure Code. Your phone will briefly display the new code. Code

Press to exit the menu, or you may scroll to 6. Exit Menu other features.

**Keep in mind:** If you do not change the Secure Code from the factory default, your phone's Lock Code will be ineffective.

Change Lock Code 8

Shortcut:

Press (EN), O , enter your six-digit secure code, enter a new Lock Code, then ......

Change SecureCode &

#### Getting to Lock/Security... Press on then press . 1. Enter Menu Press or to scroll to Lock Secure 2. Enter and press • to select. Lock/Secure Press or to scroll to Secure Options Access and press . You will see: Secure Code. Secure

#### Secure Options Submenu

Service 8 Level 4

Options

#### Restricting Calls with Service Levels

Enter your six-digit secure code.

When loaning your phone to others, you may want to restrict call placement or protect memory information. Your phone has two service levels that allow you to control the types of outgoing calls that can be made from your phone.

Press or to scroll to Service Level 4 Select and press • to select. Feature 5. Choose Press or to scroll through service level settings and press **a** to select the setting. Level (See the chart below for descriptions.) Press to exit the menu, or you may scroll to

other features.

Your phone has two service levels:

6. Exit

Menu

Level 1: Calls can be placed from memory locations 1-10 only.  • No dialing from keypad.  • No memory edit or storage.  • No access to name directory.	1 Memory 1-10 Only 8
Level 4: This is the default setting.  • No restrictions.	4 Standard Setting &

0

#### Master Reset

Use this feature to reset all user-selectable options back to their original factory settings.

**Keep in mind:** Once you select this feature, the reset process cannot be canceled or reversed.

4. Reset Features	Press or to scroll to Master Reset and press to select. You will see: Reset?
5. Confirm Reset	Press <b>1</b> to confirm. You will see: Standard Setting.
or Exit	Press to exit without resetting.
6. Exit	Press to exit the menu, or you may scroll to

#### Master Clear

8

Master

Reset

#### **Master Clear**

Use Master Clear to clear all user-selectable options, the resettable timer, the Phone Book and the Messaging memory.

**Keep in mind:** Once you select this feature, the process cannot be canceled or reversed.

4. Clear Settings	Press of or to scroll to Master Clear and press to select. You will see: Clear?
5. Confirm Clear	Press to confirm. You will see: Busy. It will take a few seconds to reset all of your phone's options back to their factory settings.
or Exit	Press to exit without resetting.
6. Exit Menu	Press to exit the menu, or you may scroll to other features.

# **Phone Options**

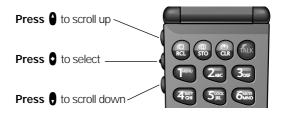


The Phone Options menu is your "command center" for adjusting the way your phone sends and receives calls. You can fine tune your phone for optimal performance, view information about your phone's settings and much more.

#### In this chapter we will explain how to:

- review and select your phone's settings.
- adjust the way your phone displays information.

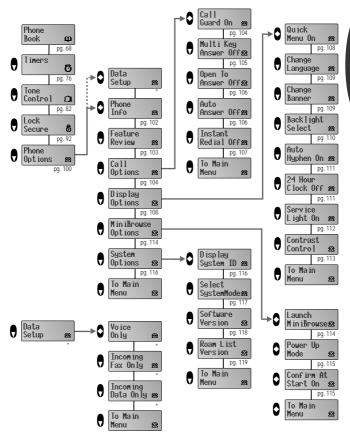
Follow these symbols as a guide for using the keys on the side of your phone.



#### Road Map

Press then press to enter the menu system.

Start:



This option is only available with the Sprint PCS Wireless™ Web Connection cable connected. The Sprint PCS Wireless Web™ Connection Kit is sold separately.

#### Getting to Phone Options...

1. Enter Menu Press then press .

2. Enter Press of to scroll to Phone Options and press of to select.

Phone Info 🕿

#### Displaying Phone Information

This feature allows you to view information about your phone. If you require technical assistance, you may be asked to check here.

3. Find Press ♠ or ♠ to scroll to Phone Info then press ♠ to select.

4. Scroll

Press of to scroll through the information. Options vary by phone, but the list may include: Serial Number, Software Version, Roam List Version, and information regarding Network, Minibrowser and Data capabilities.

5. Exit Press to exit the menu, or you may scroll to Menu other features.

#### Feature Review

After you have spent some time adjusting your phone's settings, use this feature to review the changes you have made. When you enter Feature Review, your phone will display any features that you have changed from their default factory settings.

**Keep in mind:** Feature Review is simply an opportunity to review - but not change - your current settings.

Press ♠ or ♠ to scroll to Feature Review 3. Begin and press to enter. Review

Press or to scroll through any features 4. Browse **Features** you have changed from their default settings. If all features are set to their default factory settings, the display will show: Standard Setting.

Press to exit the menu, or you may scroll to 5. Exit Menu other features.

Feature Revie⊌

æ



# Getting to Call Options... 1. Enter Menu Press ↑ or ↑ to scroll to Phone Options 2. Enter Phone Options and press ↑ to select. 3. Enter Press ↑ or ↑ to scroll to Call Options



**Call Options** 

#### Call Options Submenu

and press • to select.

This submenu gives you control over the way your phone places and receives calls.

#### Call Guard On 🕿

#### **Setting Call Guard**

To make it easy to control roaming, this feature reminds you when you make or receive calls while roaming by requiring extra steps before you place or receive a call. While on the Sprint PCS Nationwide Network, you will not need to perform the extra steps.

3. Find Feature
 4. Toggle Feature
 Press to to toggle the feature On or Off. If you select On, you will see: Extra Step When Roaming. If you select Off, you will see: No Extra Step On Roam.
 5. Exit Menu other features.

#### Placing and Receiving Calls with Call Guard ON

Once activated, if you attempt to place or receive a call while roaming, your phone will give you a warning.

1. Dial Dial the number with the keypad and press . If you are roaming, you will see:

Press 1 For Roam Call.

or Answer If your phone rings or vibrates, press ...

Call If you are roaming, you will see: Press 1

For Roam Call.

2. Confirm Press to confirm that you wish to place or

receive the call.

or No Call Press any other key if you do not want to place

or receive a call while roaming.

#### Multiple Key Answer

With Multiple Key Answer ON, you can answer calls by pressing or any key in the center of the keypad, Through ...

4. Find Press of or to scroll to Multi Key Feature Answer.

5. Toggle Press 

to toggle the feature □n or □ff.

Feature

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

**Keep in mind:** If there are any digits in your Scratchpad or if your phone is locked, this feature will not work.

Multi Key Answer Off

#### Getting to Call Options...

1. Enter Menu Press then press .

2. Enter Press of or to scroll to Phone Options
Phone Options and press to select.

3. Enter Press of or to scroll to Call Options and press to select.

#### Call Options Submenu

#### Open To Answer Off⊞

#### Open to Answer

This feature allows you to set whether or not your phone automatically answers when opened. If you utilize Caller ID, you will probably want to set this feature OFF so you can open the phone and check who is calling before you answer.

4. Find Press of or to scroll to Open to Answer.

5. Toggle Press ♦ to toggle the feature □n or □ff.

6. Exit Press to exit the menu, or you may scroll to Menu other features.

**Note:** To answer calls with Open to Answer OFF, press ...

#### Auto Answer Offæ

Shortcut:

Press ECN.

with step 5.

then 2, 6, 6, 6, on tinue

#### Auto Answer

Turn Auto Answer ON to have your phone automatically answer incoming calls after a few ring cycles.

4. Find Press • or • to scroll to Auto Answer.

5. Toggle Press **♦** to toggle the feature Ūn or Ūff. **Feature** 

**6. Exit** Press to exit the menu, or you may scroll to Menu other features.

IMPORTANT NOTE: We recommend you use this feature only with a hands-free car kit, a portable hands-free car kit, or a headset AND with your phone's ringer active. See page 85. Otherwise, your phone may answer a call in your absence and your caller will not hear you. You may accumulate unwanted network connection time if this occurs. Use the automatic answer feature with caution.

#### Instant Redial

When placing calls, you may hear a fast busy signal and see Press TALK to Redial. This probably means the network is temporarily busy. If you turn Instant Redial ON, your phone will redial for the next four minutes or until the call goes through.

4. Find Feature
 5. Toggle Feature
 6. Exit Menu

Press of to scroll to Instant Redial.
Press to to toggle the feature On or Off.
Press to exit the menu, or you may scroll to other features.

**Keep in mind:** This feature redials only when the network is temporarily busy. If you hear a normal busy signal, this feature will not work.

Tip:
Auto Answer
doesn't override
Call Guard. If you
have Call Guard
ON, your phone
will not
automatically
answer when
you are roaming.
See page 104 for
more info.

Instant Redial Offæ

#### Getting to Display Options...

1. Enter Menu Press then press .

2. Enter Press ♠ or ♠ to scroll to Phone Options
Phone Options and press ♠ to select.

3. Enter Press ♠ or ♠ to scroll to Display Options
Display Options and press ♠ to select.

#### Display Options 🖴

#### Display Options Submenu

This submenu allows you to customize your phone's display.

#### Quick Menu On 🙉

#### Activating the Quick Menu

Press the smart button once and the Quick Menu appears on the display, offering shortcuts to the most popular features. This feature turns the Quick Menu OFF if you would rather use the smart button to go straight into the Internal Phone Book. See page 40 for more information.

4. Toggle When you enter Display Options, you will see:
Feature Quick Menu. Press to toggle the feature
On or Offf

5. Exit Press to exit the menu, or you may scroll to Menu other features.

#### Changing the Language

This feature allows you to select the language in the display.

Press or to scroll to Change 4. Begin Selection Language and press to select.

5. Choose Press or to scroll through the available Option languages, including English, Spanish, and French, and press to select.

6. Exit Press to exit the menu, or you may scroll to other features. Menu

**Important:** If you cannot read the language in the display, follow this key sequence to change it to English:

> Press ( , ), , then three times, , , then press until you see English and press to select.

#### Changing the Banner

You may create your own message banner (up to 12 characters long) for the phone to display when it is in Standby Mode.

4. Fnter Press or to scroll to Change Banner and press of to select. You will see the current Feature banner or Alpha on Press \*.

Enter your message using the alphanumeric 5. Enter keypad. Press • when your message is Message complete.

6. Exit Press to exit the menu, or you may scroll to other features Menu

Change Language

Change Banner æ

109

#### Getting to Display Options...

1. Enter Menu Press then press .

2. Enter Press 0 or 0 to scroll to Phone Options
Phone Options and press 0 to select.

3. Enter Press ♠ or ♠ to scroll to Display Options
Display Options and press ♠ to select.

# Display Options Submenu

Backlight Select ☎

#### **Customizing the Backlight**

Your phone's backlight illuminates when you open the phone, press a key, or your phone receives an incoming call signal. This feature allows you to choose how long it remains ON.

4. Find Press ♠ or ♠ to scroll to Backlight
Feature Select and press ♠ to select.

5. Toggle Press ♠ or ♠ to scroll to Backligh+15
Feature Seconds, Backligh+30 Seconds, or Backligh+Always On and press ♠ to select the displayed option.

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

**Keep in mind:** The backlight will always be illuminated when your phone is connected to an external power supply, like a charger or vehicle accessory.

#### **Auto Hyphen**

6. Exit Menu

Turn Auto Hyphen ON to have all phone numbers automatically hyphenated on the display. This allows you to easily distinguish between area codes, call prefixes, and other numbers.

4.	Find Feature	Press <b>a</b> or <b>b</b> to scroll to Auto Hyphen.
5.	Toggle Feature	Press   to toggle the feature □n or □ff.

Press to exit the menu, or you may scroll to

Displaying the 24-Hour Clock

other features.

Your phone can display the current time in 12-hour or 24-hour format. Use this feature to turn the 24-hour clock ON or OFE

4.	Find Feature	Press • or • to scroll to 24 Hour Clock.
5.	Toggle Feature	Press <b>②</b> to toggle the feature □n or □+f.
6.	Exit Menu	Press to exit the menu, or you may scroll to other features.

Auto Hyphen On 🕾

24 Hour Clock Off &

#### Getting to Display Options...

1. Enter Menu Press then press •.

2. Enter Press of or to scroll to Phone Options
Phone Options and press of to select.

3. Enter Press ♠ or ♠ to scroll to Display Options
Display Options and press ♠ to select.

# Display Options Submenu

Service Light On

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**Tip:**To learn more about the Service Light, see page 31.

Service Light

The Service Light can be useful to quickly check the current state of your phone's service. If you prefer to conserve standby time, you can turn the Service Light OFF with this feature.

Find Press or to scroll to Service Light.

5. Toggle Press ♦ to toggle the feature □n or □ff.

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

### To make the display easier to read, this feature allows you to adjust the display contrast.

**Contrast Control** 

Press or to scroll to Contrast 4. Select Control and press select. You will see a Feature bar graph labeled Contrast.

5. Adjust Press • to increase the contrast or press • to decrease it. Press 🖫 when finished. Contrast

6. Exit Press to exit the menu, or you may scroll to Menu other features.

#### Getting to MiniBrowse Options...

1. Enter Menu Press then press .

2. Enter Press of or to scroll to Phone Options
Phone Options and press to select.

3. Enter Mini
Browse Options

Press of or to scroll to MiniBrowse Options

and press to select.

#### MiniBrowse Options 🖴

### MiniBrowse Options

This submenu offers several options for customizing the way your phone accesses the Sprint PCS Wireless Web <sup>SM</sup> with the Minibrowser.

#### Launch MiniBrowse≘

#### Launching the Minibrowser

Select this feature to launch the Minibrowser and access specially designed text versions of popular Internet sites via the Sprint PCS Wireless Web.

4. Find Press of or to scroll to Launch Feature MiniBrowser.

**5. Select** Press and hold • to select.

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

Note: See page 120 for a full section on the Minibrowser.

# Tip:

You can also launch the Minibrowser with the Quick Menu. See page 40.

#### Power Up Mode

When you turn ON your phone, you can begin with the Minibrowser or the regular phone features.

4. Find Press of or to scroll to Power Up Mode. Feature and press to select.

5. Select
Option

Opti

**6. Exit** Press to exit the menu, or you may scroll to **Menu** other features.

### Confirm at Start-up

Your phone displays reminders when you launch the Minibrowser to indicate that your time browsing will be charged. This feature allows you to toggle the reminder OFF or ON again. The default setting is ON.

4. Find Press → or → to scroll to Confirm at Feature Start.

**5. Toggle** Press **3** to toggle between 0n and 0ff.

**6. Exit** Press to exit the menu, or you may scroll to Menu other features.

Power Up Mode 🕿

Confirm At Start On æ

#### Getting to System Options...

1. Enter Menu Press then press •.

2. Enter Press of to scroll to Phone Options
Phone Options and press of to select.

3. Enter Press ♠ or ♠ to scroll to System Options
System Options and press ♠ to select.

#### System Options 🙉

### System Options Submenu

The System Options submenu offers a couple features that will help you use your phone and wireless network.

#### Display System ID ☎

#### Displaying the System ID

Use this feature to determine the unique System ID for your phone.

4. View SID Press to select Display System ID. You will see the System ID for your phone.

5. Exit Press to exit the menu, or you may scroll to Menu other features.

#### Setting Your Phone's Mode

Your Sprint PCS Phone by Motorola allows you to control your ability to roam. See below for a chart of available settings.

4. Begin Selection Press of to scroll to Select System ode and press to enter. The display will show your phone's current System Mode setting.

5. Choose Mode
 Mode
 Press ♠ or ♠ to scroll through the System
 Mode settings (see chart on next page). Press
 ♠ to select the displayed setting.

Select SystemMode 🖴

Shortcut:

Press then and continue with step 5.

Automatic Mode:

The default and recommended setting, seeks Sprint PCS Service. When Sprint PCS service is not available, it searches for an alternate system.

Automatic 🖴

Sprint PCS Only Mode:

This setting allows your phone to select only the Sprint PCS Network to prevent roaming.

Sprint PCS Only ☎

#### Tip:

For more information on roaming, see page 26.

#### Getting to System Options...

1. Enter Menu Press then press .

2. Enter Press or to scroll to Phone Options
Phone Options and press to select.

3. Enter Press ♠ or ♠ to scroll to System Options
System Options and press ♠ to select.

### System Options Submenu

#### Software Version ☎

#### **Displaying the Software Version**

This feature displays the Software Version used by your phone and may be useful if you require technical assistance.

4. View Press ♠ or ♠ to scroll to Software Version then press ♠ to select.

You will see: Version XXXX.

5. Exit Press to exit the menu, or you may scroll to Menu other features.

#### Displaying the Roam List Version

This feature displays the Roam List Version used by your phone. If you require technical assistance, you may be asked to check this feature.

Press or to scroll to Roam List 4. View Roam List Version then press to select. You will see: Version XXXX.

5. Exit Press to exit the menu, or you may scroll to Menu other features.

Roam List Version

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# Experiencing Sprint PCS Wireless Web\*

By now you've discovered the great features that come with your Sprint PCS Phone™ by Motorola. Now it's time to experience the Sprint PCS Wireless Web. Let the adventure begin.

#### In this chapter we will explain how to:

- · Launch the Sprint PCS Wireless Web Browser.
- Navigate the Sprint PCS Wireless Web.
- Use Special Features within the Sprint PCS Wireless Web.
- Set up a Sprint PCS Wireless Web Connection.
- Access Sprint PCS Wireless Web Updates.

# The Sprint PCS Wireless Web Browser

Your phone comes equipped with a Minibrowser, which allows you to access up-to-the-minute information through the Sprint PCS Wireless Web.

You can view specially designed text versions of popular Internet sites including Yahoo!®, CNN.com<sup>SM</sup>, The Weather Channel® and more. Browsing the wireless Internet using your phone is different than using a home computer. Site providers select the most critical aspects of their site and present it in text format.

<sup>\*</sup> Sprint PCS Wireless Web may not be available in certain areas managed by Sprint PCS affiliates.

# The Sprint PCS Wireless Web Browser

If you have not signed up for the Sprint PCS Wireless Web option, visit our web site at www.sprintpcs.com or call Customer Care for details.

The Sprint PCS Wireless Web Browser ends a connection after a certain period of network inactivity and automatically reconnects as necessary. This is normal and is designed to minimize costs.

Every time you launch the Sprint PCS Wireless Web Browser, a message on your display screen reminds you that you are billed for the connection time.

#### To disable the reminder:

1.	Enter Menu	Press then press •.
2.	Enter Phone Options	Press • or • to scroll to Phone Options and press • to select.
3.	Enter MB Options	Press of or to scroll to MiniBrowse Options and press to select.
4.	Find Feature	Press • or • to scroll to Confirm at Start.
5.	Toggle	Press <b>♦</b> to toggle between 0n and 0ff.
6.	Exit Menu	Press to exit the menu, or you may scroll to other features.

Tip:
Remember,
anytime you see
on your
display, your
phone is
connected to the
Sprint PCS
Nationwide
Network and you
are billed
accordingly.

### Launching a Sprint PCS Wireless Web Browser Session

There is a certain security setup process that you go through the first time you launch the Sprint PCS Wireless Web Browser. Please follow the on-screen prompts and wait 3-6 minutes to complete the security setup process.

#### To launch the Sprint PCS Wireless Web Browser:

1. Open Quick Menu



2. Select Browser Press of or to scroll to Launch Browser and press to select. A reminder of the charges appears. Press to accept or press to exit.

### Launching a Sprint PCS Wireless Web Browser Session

Here is an example of a home page:\*



<sup>\*</sup> Subject to change.

#### **Ending the Sprint PCS Wireless Web Browser Session**

To end a Sprint PCS Wireless Web Browser session:

End Session Press to exit the Minibrowser and return your phone to standby mode. The next time you launch the Minibrowser, your phone will return to the last page you visited.

# Navigating the Sprint PCS Wireless Web

Follow these symbols as a guide for using the keys on the side of your phone.



#### **Understanding the Options**

While using the Sprint PCS Wireless Web Browser, you will find that on-screen items may be presented in one of the following ways:

- Numbered options (some options may not be numbered)
- Hyperlinks (embedded in content)
- · Text or numeric input
- Simple text

# Navigating the Sprint PCS Wireless Web

#### **Knowing your Navigation Keys**

The following keys allow you to navigate the Sprint PCS Wireless Web:

- Use the volume keys to scroll through the contents when a page does not fit on one screen and to move the cursor. The current item will be highlighted on the screen.
- Can also be used to scroll through a page when it does not fit on one screen.
- Press this key to go back to a previous page. Press and hold to return to the Home Page.
- While editing text, use this key to clear the previous character. Press and hold to clear the entire entry.
  - Press to select the highlighted item.
- The left soft key. Press to select the highlighted item. See page 125 for more info.
- The right soft key. Press for secondary options. See page 125 for more info.
- Press to end the current session.

At times you may need to enter information while browsing, like a keyword for searching or a message. If you see an | symbol, you can use the keypad to enter letters and punctuation in the same way you do for the Internal Phone Book. See page 45 for more information.

# Using Special Features within the Sprint PCS Wireless Web

#### **Using Links**

Links allow you to jump to a different page or a different site. They even allow you to initiate a phone call from some sites. Scroll to a link and highlight it, then press 🖨 or 🐧 to select the link.

# Making a Phone Call from the Sprint PCS Wireless Web Browser

There are some sites that allow you to make a phone call from the Sprint PCS Wireless Web Browser. The phone number may be highlighted and the left soft key appears as Call. In most cases, press to call the number. When making a call from the Sprint PCS Wireless Web Browser, the following takes place:

- When you first make the call, the Sprint PCS Wireless Web Browser connection is automatically terminated.
- When the call ends, your phone returns to the Standby mode.
- If you choose to re-enter the Sprint PCS Wireless Web Browser, it returns to the display screen from which you initiated the call.

### **Using Bookmarks**

Bookmarks tag individual pages for easy access at a later time. Bookmarks save time by reducing the number of steps it takes to access a desired site.

#### Creating a Bookmark

Tip: Not all sites can be bookmarked.

- 1. Go to Page Browse to the page you'd like to bookmark.
- 2. Open Press then press Menu
- Press or to scroll to Mark. Site and press to select. When a page has a title, it is automatically used for the name of the bookmark. If you want, you can change the name.
- 4. Edit Name See page 45 for details on entering and editing names. Press ♥ when finished. A message appears confirming that the bookmark was added to the list.

**Note:** The new bookmark is added to the bottom of your bookmark list.

#### Finding a Bookmark

Open Menu
 Select Feature
 Press or then press .
 To scroll to Bookmarks and press to select.
 Scroll Press or to scroll through your bookmarks and press to select the highlighted bookmark.

Tip:
For your first
nine bookmarks,
press and hold
the number of the
bookmark while
browsing to go
directly to that
site. For instance,
to go to the first
site you marked,
press and
hold

# Wireless Web

### Using Bookmarks

#### **Deleting a Bookmark**

1. Open Press then press Menu Press Press then press Press Press then press Pr

2. Select Press of or to scroll to Bookmarks and press to select.

3. **Scroll** Press or to scroll to the bookmark you would like to delete and press .

#### **Using Go To**

1. Open Press on then press on. Menu

2. Select Press of or to scroll to Go +o... and press to select.

**3. Enter** Enter the name or URL of the wireless Internet Address site and press **6**.

Tip: When using 'Go To...,' it is not necessary to enter "http://" before the site name. Only HDML and WML sites are accessible.

# Setting up a Sprint PCS Wireless Web Connection

#### **Getting Started**

Your wireless Internet-ready Sprint PCS Phone by Motorola allows you to connect to a compatible laptop PC, handheld or palm-sized computing device to send and receive e-mail, access the Internet or your company's network and more, without searching for a wall-mounted telephone jack. In just three steps, you can use your connectivity:

- First, you'll need a Sprint PCS Wireless Web<sup>™</sup> Connection Kit (sold separately).
- Connect your laptop PC to your Sprint PCS Phone by using the serial data cable. The cable adapter will connect to a handheld or palm-sized computing device.
- Finally, take a few minutes to install the Sprint PCS Dialer<sup>SM</sup> software onto your computer using the CD-ROM that came in your Sprint PCS Wireless Web Connection Kit.

For complete details on how to install and use this software, refer to the user guide in the Sprint PCS Wireless Web Connection Kit.

#### Placing a Call

To place a call while you're connected to the Sprint PCS Wireless Web:

- **1. Attach** First, make sure the cable is connected properly.
- Place Call Open the Sprint PCS Dialer software or application on your computer and place the call
- The phone displays the number your computer is calling and Connecting.

#### Tip: You will not need to install the Sprint PCS Dialer for Palm or HPC/ Wince

#### Tip: Your phone's display shows you information on the status of the Sprint PCS Wireless Web

Connection call.

# Sprint PCS Wireless Web Connection

#### Placing a Call (cont'd)

 Once the call successfully connects, your phone's display shows you information on the status of the data call.

#### Using Special Features During a Sprint PCS Wireless Web Call

Your phone gives you the ability to use special features while you're on a wireless Internet call. They are outlined below:

- Caller ID: Just like your phone stores regular Caller ID numbers, it also stores the numbers of incoming Sprint PCS Wireless Web Connection calls. To distinguish between the two types of calls, □a+a or Fax displays along with the number of the caller when you view your Caller ID records.
- Call Waiting: If someone tries to reach you while you're
  connected to the Sprint PCS Wireless Web, your phone
  behaves like it is turned OFF. Depending on your service,
  callers may get your voicemail. Call Waiting is automatically
  deactivated whenever you place or receive a Sprint PCS
  Wireless Web Connection call.
- Accessing features: You can still access most of your
  phone's features while you're connected to a Sprint PCS
  Wireless Web Connection Call. You can navigate the phone's
  menu system to change or view your phone's features or
  phone book entries. You can also read messages or view the
  Caller ID records that you received before placing the call.

Tip: Caller ID is not available on Sprint PCS Wireless Web Browser calls.

# Sprint PCS Wireless Web Updates

#### **Ending a Sprint PCS Wireless Web Call**

It's important to note that some of the normal ways to end a call won't work with the Sprint PCS Wireless Web Connection calls. You should always close the connection through the application on your computer. Your phone will then return to Standby mode.

Although you can end a wireless web connection call by disconnecting the data cable or turning off your phone, this may disrupt your computer.

#### **Accessing Sprint PCS Wireless Web Updates**

With Sprint PCS Wireless Web Updates, you'll automatically receive the information that's important to you. Internet updates are sent at the times you choose with the Sprint PCS Wireless Web ™ Messaging capability.

By using personalization options on sites such as the My Yahoo! Page, you can decide which updates you want to receive. In addition to stock quotes and news headlines, you'll also have access to weather reports, Yahoo!, sports scores and more.

Every Sprint PCS Phone is capable of receiving updates or other text messages if you have signed up for the messaging plan.

To enroll in Sprint PCS Wireless Web Updates, you must be able to access the Internet from a computer.

#### To sign up:

**Sign** Visit www.sprintpcs.com to sign up for service. **Up** 

# Sprint PCS Wireless Web Updates

Receiving a Sprint PCS Wireless Web Update Alert On certain websites, you can sign up for wireless web updates. To notify you of an update, the website will send a Sprint PCS Wireless Web Update alert to your phone. You will then need to launch the Sprint PCS Wireless Web Browser to visit the website and view your update alert.

**Note:** Sprint PCS Wireless Web Update Alert may not be available at time of printing.

If your phone is ON and you receive a Minibrowser Alert:

An alert sounds or vibrates:

Your phone will beep or vibrate three times.

- An indicator appears on the display:
- Appears on the second line of the display. It will stay on the display until you have checked the alert.
  - 1. Check Message Press to open the messaging menu. If you received a Minibrowser Alert, the Minibrowser icon will be flashing.
  - 2. Select Press of or to scroll to MiniBrowse Alint
    Alert and press of to select.

Tip: See Selecting Ringer or Vibrating Alert on page 86 to set your phone's alert. See page 89 to learn about Reminder Tones.

#### Sprint PCS Wireless Web™ Connection Kit\*

The Sprint PCS Wireless Web Connection Kit lets you use your Sprint PCS Phone™ by Motorola, linked to a compatible laptop PC, handheld or palm-sized computing device, to send and receive e-mail messages and browse the Internet.

### Starfish TrueSync® Software\*

Wireless data calls are only the beginning. With Starfish TrueSync® software, your phone can exchange select information with a compatible computer. You can use TrueSync software to transfer and synchronize contact information from your phone to your compatible desktop, laptop or handheld computer, and vice versa. That way, you only enter contact information once and you can have the information everywhere you want it!





Here are a few ways TrueSync software helps make communication easier than ever:

- Add a contact to your phone on the go. Update your contact file at home or the
  office later.
- Transfer contacts into your phone's internal Phone Book for easy access and quick memory dialing.
- Customize many of your phone's features, like ringer styles, TurboDial® keys, and security settings, through the TrueSync software's simple interface.
- Synchronize with select Personal Information Managers (PIMs). TrueSync software helps provide one-step, multi-point synchronization with most popular PIM managers, devices and services.

**Keep in mind:** TrueSync software is designed to synchronize certain basic features of the initial releases of many popular Personal Information Managers (PIM) hardware and software products.

Visit http://www.starfish.com/ for more information on TrueSync.

\* The Sprint PCS Wireless Web Connection Kit and TrueSync software are sold separately.

An exciting line of accessories by Motorola can enhance and personalize your Sprint PCS Phone $^{\text{\tiny TM}}$  by Motorola.



#### **Lithium Ion Batteries**

Lithium Ion (LiIon) batteries are high energy-density batteries that offer increased capacity and are lighter in weight than similar sized Nickel Cadmium and Nickel Metal Hydride batteries. Different size batteries require different size battery covers.

#### Nickel Metal Hydride Batteries

Nickel Metal Hydride batteries (NiMH) are high-capacity batteries that offer up to 30% more talk-time than comparable Nickel Cadmium batteries. To help achieve maximum life and capacity for your NiMH battery, do not leave the battery in the charging base for more than 24 hours, and use only Motorola-approved chargers.

#### **Vehicle Power Adapter**

Lets you plug into a reliable power source on the road.\* Uses your car's battery to power your phone and charge the phone's battery at the same time. The vehicle power adapter will not overcharge your battery and contains circuitry to protect against overvoltage and power surges in the vehicle. In some cars, the engine must be running in order for the vehicle's accessory power to operate.



<sup>\*</sup> The use of wireless devices and their accessories ("devices") may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.

#### **Dual-Slot Desktop Charging Base (AC Adapter Charger Required)**



This charging base can be loaded with two batteries at once. Equipped with one LED charging status indicator for each battery, the charging base's front pocket can charge a battery attached to a phone, and the rear pocket can charge a battery by itself. For use with Lithium Ion and Nickel Metal Hydride batteries.

#### Holsters

Your Sprint PCS Phone by Motorola is so small and light, it's positively wearable. Slip it into a compatible holster and clip the holster on— for the ultimate in high-tech fashion.\*



#### Headset



The headset provides both an earphone and microphone in one small piece for simple hands-free and private conversations. The headset plugs directly into the jack on the top of your phone, so that you can wear your phone and move freely. See pages 104-107 for Call Options that make using a headset with your phone even more convenient.

<sup>\*</sup> This holster has been designed for your convenience and is not meant to secure your phone under all circumstances.

#### Hands-Free Vehicle Kit

Optional Hands-Free Kits give you the convenience of hands-free, speakerphone operation while in your car.\* Full duplex operation lets you simultaneously talk and listen, so both parties can interrupt each other for a normal sounding conversation. The Hands-Free Kit powers the phone and charges its battery whenever your car's engine is running.

**Keep in mind:** Motorola offers a 3-Watt Vehicular Kit, which includes a 3-watt booster for analog signals. Since the Sprint PCS Phone is a digital phone, it is not compatible with the 3-Watt Kit.

#### Easy Install Hands-Free Car Kit

For the quickest and easiest mobile solution, use the Easy Install Hands-Free Car Kit. Just plug it in and you are ready to go!\*



For details on the complete line of Motorola Original™ wireless accessories, see your dealer or visit the Motorola web site at http://www.motorola.com/.

<sup>\*</sup> The use of wireless devices and their accessories ("devices") may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.

# Q. I pressed the power button, but nothing happened. What's wrong with my phone?

A. Check that you have installed a battery batteries and that the battery is charged. See page 14 for information about installing your battery.

#### Q. The display says Locked. How do I unlock my phone?

A. Try entering 0123 or the last four digits of your Social Security Number or Tax ID Number. If this fails, call Sprint PCS Customer Care for assistance. Open to the beginning of the manual to find the right number to use. For more information on your phone's security features, see the Lock/Security chapter, page 92.

# Q. My battery did not last as long as I expected. What can I do to extend battery life?

A. To get the most from your battery, make sure it is fully charged. To charge the battery to 100% of its capacity, leave it in the charging base for an extra hour after the charging base's light turns green.

Exposing your battery to extreme temperatures—below - $10^{\circ}$ C ( $14^{\circ}$ F) or above  $45^{\circ}$ C ( $113^{\circ}$ F)—can shorten battery life. Batteries are especially sensitive to high temperature extremes. It is a good idea to always take your phone with you when you leave your car.

#### Q. I tried to place a call and received a fast busy signal.

A. This sound means that your call was not processed. For example, the Sprint PCS Network may be temporarily busy. To redial the number, press the smart button or press before ending your call attempt, or press and try the call again later. See page 107 for more information on redialing.

# Q. I tried to place a call but received an alternating high/low tone. What does this mean?

A. This sound means your call did not connect to the network. Most likely, you dialed the number too soon after turning the phone ON.
An alternating tone may also indicate that your phone's signal is blocked. Make sure the antenna is fully extended and move clear of any obstructions, like bridges, parking garages, tall buildings, etc.

# Q. Whenever I turn the phone ON, the display says: Invalid Battery. What does this mean and why am I not able to charge the battery?

A. Your Sprint PCS Phone™ uses the Motorola Expert Performance (E•P) Charging System. The E•P system enables the built-in charger to communicate with attached batteries and tailor its charging cycle to optimize performance. If you see Invalid Battery when you power up the phone, the built-in charger is not able to communicate with the battery and cannot charge it. You could see this message for several reasons. The most likely one is that the battery is not a Motorola Original™ and it does not have the appropriate E•P technology. We recommend that you use only Sprint PCS approved Motorola batteries and accessories and that you store your batteries in their protective covers when not in use.

# Q. My phone started beeping, and the display says: 1 Call Unanswered. What happened?

A. Someone tried to call you while you were in an area where the signal was weak. Press to clear your display, extend your phone's antenna, and wait until you have cleared obstructions like tunnels, parking garages and tall buildings whenever possible.

#### Q. My phone was stolen. What should I report and to whom?

**A.** Report a stolen phone to the police and to Sprint PCS Customer Care. Open to the beginning of the manual to find the right number to use.

# Q. I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?

A. The beep is a sure sign that you are setup correctly. If you did not hear the beep, the first thing to check is that both ends of the data cable are connected, the smaller end to your phone and larger to your computer. Also check the model number of the cable to be sure you have the right one. Look for SYN7464 printed on the cable.

If all of the above checks out, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, and your computer will automatically activate the port.

# Q. My phone beeped when I attached the data cable but my fax and data applications don't work at all. What's wrong?

A. If you are not on the Sprint PCS Network, you won't be able to make Sprint PCS Wireless Web Connection calls.

# Q. When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?

A. 19200 is the rate of the connection between your computer and your Sprint PCS Phone™. The rate of the connection between your phone and the Sprint PCS Network is displayed on your phone and will be either 14400 or 9600.

- Q. I can't end my Sprint PCS Wireless Web Connection call by closing the application on my computer. What can I do?
- A. If necessary, try pressing on the phone. You might also disconnect the cable or turn OFF the phone. Remember, if possible always close the connection through your computer. These alternative methods may disrupt the application on your computer.
- Q. I launched the Minibrowser but the display says: Service Not Available. What is wrong?
- **A.** The Minibrowser will only work on the Sprint PCS Network.
- Q. I launched the Minibrowser but the display says: Data Server Unavailable. What is wrong?
- **A.** Try again in a few minutes. The servers may be temporarily busy.
- Q. When my headset is plugged in, I occasionally hear beeping. What is wrong?
- A. Your headset plug may not be completely inserted. Please ensure that the plug is fully inserted into the headset jack. We recommend you use only headsets approved by Sprint PCS and Motorola.

### Glossary

#### Δ

AC Adapter Charger An accessory device that allows you to power and/or charge your phone from a wall outlet. See page 17.

accessory connector A socket on the bottom of the phone where you can attach accessories such as an AC adapter charger or vehicle power adapter. To learn more, see page 22.

antenna The device on your phone that sends and receives wireless signals.

Auto Answer When you activate this feature, your phone automatically answers after two rings. See page 106.

Automatic Redial When the Sprint PCS Network is temporarily busy, this feature enables your phone to automatically redial with one button push. See page 34.

(

Callback number See Sprint PCS Callback Number SM.

**Caller ID** Allows you to view information on incoming calls before answering. See page 60.

CDMA (Code Division Multiple Access) CDMA takes digitized voice and encodes it in a unique scheme that is sent out over the air. CDMA digital reduces the probability of dropped calls. Your phone is equipped to handle CDMA digital voice transmission.

D

dedicated Message Key See Message Key

**default** A feature's original setting as programmed in the factory.

digital See CDMA.

DTMF Dual Tone Multi-Frequency are the tones that your phone transmits to communicate with tone activated phone systems like Voicemail or bank-by-phone. See page 90. Keep in mind: "DTMF Tones" does not refer to the sounds produced by your phone's speaker. See Keypad Tones for information on the sounds produced by your phone's speaker.

F

function keys The non-numeric keys on your phone used to access and navigate menu features, as well as perform memory functions. See page 22.

### Glossary

T

icon One of the variety of symbols used to designate menu features and messages.

indicator A symbol on your phone that gives you information about your phone's status. See pages 28-30.

Instant Redial This feature enables your phone to redial when the network is temporarily unable to handle your call. Your phone will automatically attempt the call for four minutes or until it is picked up by the network. See page 107.

Internal Charger A charger built into your phone for use with an AC adapter charger or vehicle power adapter. See page 17.

#### K

Keypad Tones The sounds produced through your phone's speaker when you press the keys. See page 89. Keep in mind: "Keypad Tones" does not refer to the tones sent by your phone to communicate with automated phone systems. See Transmit Tones for information on the tones used to access automated phone systems.

#### I

Lithium Ion (LiIon) A battery technology used in personal wireless telephones. Lithium Ion batteries generally provide more energy capacity than Nickel Metal Hydride batteries of the same weight.

lock To prevent unauthorized access to your phone. See page 94.

Lock Code A four-digit code used to access your phone once it has been locked. The factory programmed Lock Code is 0123. To view or change your Lock Code, see page 97.

#### M

**memory location** A space in the Internal Phone Book where you can store a telephone number and a name. Each of the Internal Phone Book's 99 memory locations (numbered 01-99) can hold 24 letters and up to four numbers with as many as 32 digits.

menu This system contains five features: Phone Book, Timers, Tone Control, Lock/Secure, and Phone Options.

**menu feature** Any feature that can be accessed through the menu system.

**Message Key** Located on the bottom row of the keypad, the dedicated Message Key offers one-touch access to messages and messaging functions. See page 58. See also Caller ID, Messages, and Voicemail.

### Glossary

- Messages A service plan dependent feature that enables your phone to receive Sprint PCS Wireless Web Messages and numeric pages just like a pager. See page 58.
- Messaging Function Menus While viewing your Caller IDs, reading your Messages, or checking your Voicemail, you can use these menus to manage your messages: lock or unlock a Wireless Web Message, delete one or all of your Caller ID or Wireless Web Messages and numeric pages, or select a different message type. See pages 61, 63 and 65.
- Minibrowser Software built into your phone that allows you to access information like stock reports and sports scores with only your Sprint PCS Phone™ by Motorola. See page 120.

#### N

- Network Connection Time The time elapsed between the start of a call achieved by connecting to your service provider's network and the termination of a call achieved by pressing the end button. Network connection time includes signals received prior to voice transmission, such as busy signals and ringing.
- **Nickel Cadmium (NiCd)** A battery technology used in personal wireless telephone batteries.
- Nickel Metal Hydride (NiMH) A battery technology used in personal wireless telephone batteries.

#### P

- pause A special character that tells your phone to wait before sending the next set of numbers stored in one memory location. See Pause Dialing.
- Pause Dialing A method of storing Internal Phone Book entries that allows you to store multiple strings of numbers in one memory location; useful, for instance, in accessing automated phone systems. See page 54.
- Personal Identification Number (PIN) A private numeric password which protects personal accounts such as bank-by-phone or Voicemail.
- Phone Book An alphabetical list of the names and telephone numbers you have stored into your phone's internal memory.
- Priority Call This feature allows you to place a call from memory location 01 even if the phone is locked. See page 95.
- prompt A display message requesting input.

#### R

road map The visual representation of your phone's menu system provided in this manual.roam To use a wireless system other than the Sprint PCS Network.

# Glossary

S

Scratchpad A memory feature that automatically remembers the most recent number entered into the keypad. See page 53.

Scratchpad tones See DTME

scroll To move backward or forward through a list; for example, to move backward or forward through the menu system or the Internal Phone Book using either the volume keys or the and keys.

**secure code** A six-digit code used to access and change certain security features. The factory programmed secure code is 000000.

**Service Tones** Two short beeps used to alert you to changes in your wireless service. See page 91. **signal** See wireless signal.

Silent Mode Select this feature and all your phone's tones will be silenced and the VibraCall® alert activated. See page 85.

- Smart Button The middle key on the side of your phone used to access the Internal Phone Book, place calls, end calls, select the Internal Phone Book, enter the menu system, and toggle features ON and OFF.
- soft-handoff CDMA digital technology connects you to a new site before disconnecting you from the old site. This is known as a "soft-handoff." With soft-handoff technology, you should experience fewer dropped calls.
- Sprint PCS Callback Number <sup>SM</sup> A phone number in a Wireless Web Message or Voicemail message, provided by the sender. See page 64.
- Sprint PCS Only Mode When your phone is active in this System Mode setting and you are beyond the range of your home Service Provider, your phone will not operate. See page 117.
- Sprint PCS Wireless Web Message A feature of the Sprint PCS Network that enables your phone to receive text messages.

standby time The total time your phone is ON but not used for talking.

**System ID** Every wireless system has a unique number to identify itself. See page 116.

Super Speed Dial A dialing shortcut that allows you to quickly dial any number in the Internal Phone Book. To use this feature, enter the two-digit location of the number, 01-99, then press and hold smart button or press and the call is placed. See page 51.

### Glossary

System Mode A setting that determines the system type that your wireless phone will access. See page 117 to select a System Mode.

#### Т

talktime The total time that you can talk on your phone before the battery is fully discharged.

toggle To switch between two possible options; for example: ON vs. OFF. Pressing the smart button toggles features ON or OFF.

Transmit Tones See DTME

**Turbo Dial® keys** To use this feature, press and hold a number on the keypad, **through** and your call is placed.

U

unlock code See Lock Code.

#### V

Wehicle Power Adapter An accessory device that allows you to power and/or charge your phone from a car's accessory power socket.

VibraCall® alert When activated, this feature alerts you silently of incoming calls by vibrating. It can be used alone or in conjunction with the ringer. See page 86.

Voicemail Check your Service Plan for availability.

**volume keys** Located on the side of your phone, the upper and lower volume keys are used to adjust ringer and keypad volume. They also scroll within the menu system and the Internal Phone Book.

#### W

wireless signal The radio waves that carry information between your wireless phone and the wireless system.

wireless system The wireless equipment in a given geographic area that relays signals to and from individual wireless telephones and the landline telephone system.

### The U.S. Food and Drug Administration's Center for Devices and Radiological Health

### Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known—and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

### Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e., radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered nonsignificant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

### What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna—the primary source of the RF—and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

# How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way, however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously--up to 22 hours per dav.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study.

1. In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer

- causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.
- 2. Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

# Two other studies of interest have been reported recently in the literature:

- 1. Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.
- 2. In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the

increased likelihood was too small to be statistically significant.

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

# What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile 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 at

this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry.

- support needed research into possible biological effects of RF of the type emitted by mobile phones;
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

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

The National Institutes of Health also participates in this group.

# In the absence of conclusive information about any possible risk, what can concerned individuals do?

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 people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RE, since the exposure level drops off dramatically with distance. For example, they could switch to

 a mobile phone in which the antenna is located outside the vehicle.

- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or
- a headset with a remote antenna to a mobile phone carried at the waist

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radiofrequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

#### Where can I find additional information?

For additional information, see the following websites:

- Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): http://www.fcc.gov/oet/ rfsafety
- World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): http:// www.who.int/emf
- United Kingdom, National Radiological Protection Board: http:// www.nrpb.org.uk
- Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com
- U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health: http://www.fda.gov/cdrh/consumer/

### Patent Information

Manufactured under one or more of the following U.S. patents:

44291475	4802236	4984290	5121047	5203021	5287555	5430416	5513078
4302845	4803726	4989230	5121288	5204977	5287556	5432017	5513996
4312074	4809356	4992753	5121412	5205751	5289505	5434947	5519303
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D388080	D389641	D394439	D400204	D406098	D409186	D412487	
Other pat	ents pendi	ng.					

# Important Export Information

Because of federal export regulations applicable to this Motorola phone, it cannot be sold for export from the U.S.A. or Canada. Please read the following important notice:

**EXPORT LAW ASSURANCES:** This product is controlled under the export regulations of the United States of America and Canada. This product cannot be exported from the United States or Canada without an export license issued by the U.S. Department of Commerce. In addition to the U.S. license, if this product is to be exported from Canada, an Export Permit issued by the Canada Department of Foreign Affairs and International Trade must be obtained before export.

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