SONY

3-862-047-11 (1)

Portable PCS Telephone

Operating Instructions

CM-Z100PRC

This telephone can be used only on the PrimeCo network. Before operating the CM-Z100PRC portable telephone, please read this manual thoroughly and retain it for future reference. If your usage includes in-vehicle operation, it is recommended that you refer to the Installation/Connections/Operation manual for the optional accessory kits.

DISPOSAL OF LITHIUM ION BATTERY

LITHIUM ION BATTERY. DISPOSE OF PROPERLY.

You can return your unwanted lithium ion batteries to your nearest Sony Service Center or Factory Service Center.

Note: In some areas the disposal of lithium ion batteries in household or business trash may be prohibited.

For the Sony Service Center nearest you call 1-800-222-SONY (United States only).

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

FCC CAUTION STATEMENT

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Owner's record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. Refer to these numbers whenever you call your dealer regarding this product.

Model No.: CM-Z100PRC Serial No.: _____

DIGITAL BY QUALCOMM

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Rules and regulations

The U.S. Federal Communications Commission and the Industry Canada regulate PCS telephone service in their respective countries. It is important for you, the PCS telephone user, to observe the applicable regulations when operating your PCS telephone in either country. In addition to these U.S. and Canadian federal regulations, you may be bound also by certain state, provincial, territorial, and local rules and regulations, as well as by your PCS carrier's tariff (the rates, terms, and conditions of its service). If you wish to use your PCS telephone in both the U.S. and Canada, please consult with your System Operator.

Furthermore, you should remember that your PCS telephone is a *radiotelephone*, — i.e., it combines both wireline technology, as used in your home or office telephone system, *and* radio technology — and that the scope of regulations and precautions is therefore broader than the scope of regulations and precautions relating to wireline-only telephone usage.

Some of the major points of consideration are set out below. Please note, however, that these "Rules and Regulations" and "Safety Precautions" sections do not constitute legal advice, and are intended merely for general information purposes. If you have specific questions, please contact your PCS carrier (System Operator).

License — If your home system is in the U.S., you do not require a separate license to operate your PCS telephone; obtaining a PCS telephone access number is sufficient to register you as a user. If your home system is in Canada, a separate license is required; your carrier will assist you in the licensing process. If you wish to use your PCS telephone on both sides of the border, please contact your PCS carrier (System Operator).

Equipment modifications — The U.S. Federal Communications Commission has type-approved the model of PCS telephone which you have purchased, and has allocated a specific frequency range for PCS service. No changes or adjustments are to be made to your PCS telephone.

The radio equipment shall be made available for inspection upon request by representatives of the FCC or licensees.

Denial of service — A PCS carrier may deny service temporarily or terminate service for violation of any government regulations or violation of its tariff.

Privacy — As a telephone user, you have come to assume a certain standard of privacy when you place or receive a telephone call via the traditional wireline systems. However, because PCS telephones utilize radio transmissions to effect calls, the same standard cannot always be assured. While it is unlawful for any unauthorized person to divulge or use any information obtained from intercepting or "listening in on" conversations intended for others, you should not assume that your conversation is completely secure. Commercially available scanning equipment can permit a third party to monitor the radio channels used for PCS telephone calls.

Interference — No person shall interfere with, or cause interference to, any radio communication or signal.

Safety precautions

IMPORTANT

For safe and efficient operation of your phone, observe these guidelines.

Your hand-held portable PCS telephone uses digital Code Division Multiple Access (CDMA) technology. CDMA is a newer radio frequency (RF) technology than the FM technology that has been used for radio communications for decades.

Your portable PCS telephone is a radio transmitter and receiver. When the phone is ON, it receives and sends out radio frequency (RF) energy. The phone operates in the frequency range of 1851 MHz to 1989 MHz. When you use your phone, the PCS system handling your call controls the mode of operation and the power level at which your phone transmits. The power is transmitted as a digitally coded waveform at a rate varying from 100 Hz to 800 Hz. The average power can range from about 0.01 µW to about 300 mW.

Exposure to radio frequency energy

Research on health effects from RF energy has focused for many years on FM radio technology. That research and studies regarding newer radio technologies, such as CDMA, have found no credible scientific evidence that adverse health effects result from the use of PCS telephones.

The Institute of Electrical and Electronics Engineers (IEEE) in 1991, and The American National Standards Institute (ANSI) in 1992, updated the 1982 ANSI Standard for safety levels with respect to human exposure to RF energy. Over 120 scientists, engineers, and physicians from universities, government health agencies, and industry, reviewed the available research and developed this updated Standard. In March 1993, the U.S. Federal Communications Commission (FCC) proposed the adoption of this updated Standard.

The design of your phone complies with this updated Standard. Of course, if you want to limit RF exposure even further than the updated ANSI Standard, you may choose to control the duration of your calls and operate your phone in the most power efficient manner.

Efficient phone operation

For your phone to operate at the lowest power level consistent with satisfactory call quality, please observe the following guidelines:

Your phone has an extendable antenna; extend it fully whenever possible for maximum efficiency.

Hold the phone as you would any other telephone. While speaking directly into the mouthpiece, position the antenna up and over your shoulder. Do not hold the antenna when the phone is in use. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Antenna care and replacement

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Replace a damaged antenna immediately. Take your phone to an authorized service center for repair.

Use only the supplied or approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, and violate FCC regulations.

Driving

Check the laws and regulations on the use of PCS telephones in the areas where you drive. Always obey them. Also, when using your phone while driving, please:

- pay full attention to driving;
- use hands-free operation, if available;
- pull off the road and park before making or answering a call, if driving conditions so require.

Electronic devices

Most modern electronic equipment is shielded from RF energy. However, RF energy from PCS telephones may affect some electronic equipment.

RF energy may affect improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF energy. You should also check with the manufacturer of any equipment that has been added to your vehicle.

Medical devices

Consult the manufacturer of any personal medical devices (such as pacemakers, hearing aids, etc.) 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 regulations posted in the areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Aircraft

Turn your phone OFF before boarding any aircraft.

- Use it on the ground only with crew permission.
- Do not use in the air.

To prevent possible interference with aircraft systems, U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent interference with PCS systems, FCC regulations prohibit using your phone while the plane is in the air.

Children

Do not allow children to play with your phone. It is not a toy. Children could hurt themselves or others (by poking themselves or others in the eye with the antenna, for example). Children also could damage the phone or make calls that increase your telephone bills.

Blasting areas

To avoid interfering with blasting operations, turn your unit OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks. Sparks 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 gas stations; below deck on boats; fuel or chemical transfer or storage facilities; 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's engine.

Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle which contains your phone or accessories.

Vehicles using liquified petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Unpacking your phone

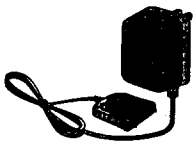
Carefully unpack your phone and check the contents using this list.
If there is something missing, please contact PrimeCo Customer Care at 1-800-868-2700.

CM-Z100PRC Portable PCS Phone (1)

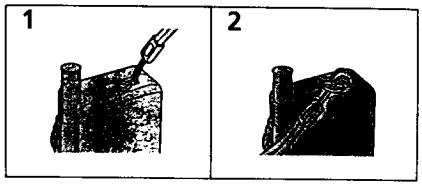
111725 Extended Li-Ion Battery (1)

Hand Strap (1)

AC Adapter (1)



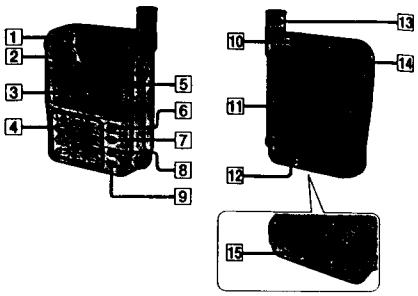
Attaching the hand strap



Looking at your phone

For further information, refer to the page numbers indicated in parentheses ( ).

Telephone



1 **Call alert indicator (20)**
Lights when there is an incoming call.

2 **Earpiece**

3 **Display (14)**

4 **Number buttons, 0 to 9, and (*←)/(→#) buttons (23, 27, 37)**
Use the number buttons to enter letters and numbers. Press and hold a number button, 0 to 9, for touch dialing. Use the (*←)/(→#) buttons to move the cursor when you are entering letters.

5 **Arm microphone**
Open to make/receive a call.
Close to end a call.

6 **(SEND) button (35 to 37)**
Press to make outgoing calls and to receive incoming calls when the arm microphone is open.

7 **(CLR) (clear) button (22, 23)**
Press to clear the last or all entered digits on the display, or to exit the current mode of operation.

8 **(END) button (23)**
Press to end calls. Also cancels operations and returns the phone to standby mode.

9 **(PWR) (power) button (20)**
Press to turn the phone on or off.

10 **Hand strap attachment (11)**

11 **Battery pack (16)**

12 **Battery pack release tab (16)**
Slide up to remove the battery pack.

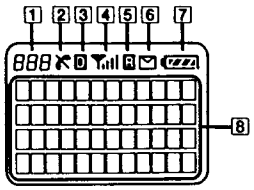
13 **Antenna (20)**

14 **Jog Dial™ navigator (21)**
Push and turn for menu navigation and for changing settings on menus. In this manual, the ➔ icon indicates that you should push the Jog Dial™ navigator in towards the center of the phone.

15 **Connector (17)**
Use to connect the phone to either the AC adapter, a cigarette lighter adapter, a travel adapter, a desktop charger, or a hands-free car kit.

Display

The top row of the display contains icons that inform you of the current status of your phone. The bottom four rows of the display are for text such as phone numbers, names, and operational prompts. Each row displays a maximum of 12 characters.



1 **Short character display**
Shows settings such as the number of the currently displayed menu item, as well as Phone Book and Call Log memory locations.

2 **(in-use) / (out-of-service) icon (21, 23, 25)**
The in-use icon appears during a call. A slash through the in-use icon appears when no signal is received. You cannot make or receive calls when the out-of-service icon is visible.

3 **(digital) icon**
Appears when your phone is receiving a signal.

4 **(signal strength) icon (20)**
Tells you the approximate strength of the signal being received.

5 **(roam) icon (88)**
Appears when you are roaming outside your home service area.

6 **(message) icon (46)**
Appears when you have new text or voice mail messages pending. The icon flashes if the new message is urgent.

7 **(battery) icon (17, 19)**
Shows the approximate amount of charge power remaining in the battery pack. Recharge the battery pack before it is fully discharged.

8 **Character display**
Prompts various actions, and then displays the results. It also shows phone numbers and names.

Charging the battery pack

Charge the battery before using the phone. To charge the battery, attach the battery pack to the phone, then connect the supplied AC adapter.

Attaching the battery pack

1 Hook the battery pack onto the top of the phone ①, and ease the battery pack down ②.

2 Snap the battery pack in place.

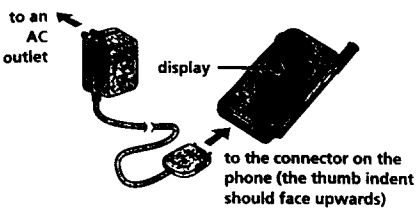
To remove the battery pack

1 Push the battery pack release tab upwards.

2 Lift up the bottom of the battery pack ①, and pull it out ②.

Charging the battery

Connect the AC adapter to the phone and the other end to a standard 120 V AC outlet as illustrated below. The charging time is about 3 hours. You can charge the battery pack with the phone turned on, but charging will take longer.



When the power is turned on

As the battery pack charges, the battery icon (▭) indicates that the phone is charging.

When the power is turned off

The message "Battery is Charging" is displayed, and ▭ pulses. When the battery pack is fully charged, the message "Charging is Complete" is displayed, and ▭ stops pulsing.

Notes

- If you make or receive a call when the battery pack is not charged sufficiently, the call will be cut off. In that case, you will hear a low battery alert, indicating that the battery is low.
- You can turn on the phone without the battery pack, but you cannot make or receive a call, even if you connect the AC adapter to an AC outlet.

Notes on charging

- When you charge the battery pack, avoid:
  - charging for long periods of time, since this reduces battery life.
  - charging in temperatures below 32°F (0°C) or over 104°F (40°C).
  - charging the battery in direct sunlight or in places with high humidity (such as a bathroom).
- Do not use any battery pack other than the one specified in these instructions.
- It is normal for the battery pack to become warm during charging or after use.
- The supplied AC adapter is not intended to be serviced. In the event of a malfunction, it should be replaced.

Notes on the battery pack

- Do not dispose of the battery pack in a fire or short-circuit it. Doing so may cause the battery pack to leak or get hot, which could cause personal injury.
- Do not try to disassemble the battery pack.

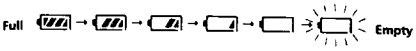
Checking the battery

Battery duration

In standby mode, the battery lasts approximately 24 hours. When used continuously, it lasts approximately 2.5 hours, depending on network settings and signal condition.

Battery condition

The battery icon indicates the battery level as follows (when the power is on):



Note that the battery icon displays the approximate charge level and that the consumption may vary depending on conditions of use, such as ambient temperature, network coverage, and usage patterns.

When the battery is empty

The battery icon flashes and a warning message is displayed. A beep sounds, indicating that the battery is low. Shortly thereafter, the phone turns off. Recharge the battery as soon as possible.

Turning the phone on

To use your phone, the power must be turned on. It is preferable to extend the antenna, since this maximizes signal strength and minimizes interference.

Extending the antenna

Hold the end of the antenna and pull up until fully extended.

To retract the antenna

Push the antenna down until it is fully retracted.

Turning the power on

Press (PWR). The call alert indicator lights up, a beep sounds, and the phone starts searching for a signal. When the phone has found a service signal, the standby display appears and the call alert indicator goes off. Now the phone is ready to use.

To check the signal strength

The signal strength icon indicates various levels of signal strength. It is best to make calls when the signal is strong, although calls can be made when the signal strength is weak.

If you are out of the service area

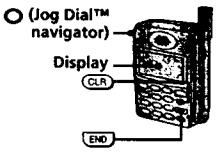
The out-of-service icon (⊼) appears, and the phone searches for a service signal. If a signal cannot be found, the phone enters power save mode. It will "wake up" automatically at intervals (based on carrier network settings) to search for a service signal.

Turning the power off

Hold down (PWR) for about one second.

Using the Jog Dial™ navigator

The Jog Dial™ navigator makes it easy to navigate from one menu to another.



Choosing a menu item

To choose a menu item, push the Jog Dial™ navigator in. The flashing arrow (→) on the display indicates the item you can select by pushing →. As illustrated below, if you push → on the standby display, you will go to the Menu. If you push → again, you will go to the Message menu.

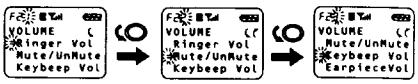
As shown below, if you enter digits on the standby display, the word "Options" appears at the bottom of the display, preceded by ⇒. Push ⇒ to access the Options menu.

To go back

If you want to go back to the previous display, press CLR. If you want to return to the standby display, either press END or hold down CLR.

Scrolling through menu items

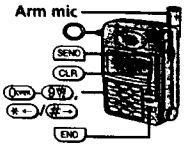
To scroll through menu items, turn the Jog Dial™ navigator when the icon appears. The up () and down () arrows on the display indicate the available scrollable direction. For example, if you turn within the Volume menu, you will scroll through the submenu items.



On the leftmost display, is not shown. This indicates that you cannot scroll up.

Making calls

You can call any number up to 32 digits from within a service area. The out-of-service icon () indicates that you are outside the service area.



1 Use the number buttons and ⊛/# to enter the number.

If you enter the wrong digit, press CLR to back up. To clear all entered digits, press END or hold down CLR to return to the standby display.

2 If the arm microphone is closed, open it to dial. If the arm microphone is open, press SEND to dial.

The phone dials the number you have entered. The icon appears.
When the call is connected, the call timer appears and displays the elapsed time.

3 Press END or close the arm microphone to end the call when you are finished.

The icon disappears and the final elapsed call time flashes for 10 seconds. The standby display automatically reappears.

Tips

- When dialing, you can insert a pause to attach a DTMF (Dual Tone Multiple Frequency) number to the number you are calling (see page 30).
- If Auto-Hyphen is turned on, the phone number is hyphenated automatically as you enter the digits (see page 86).
- If Minute Alert is turned on, a beep sounds at intervals (based on the setting you select) throughout the call (see page 66).
- Enhanced voice privacy is indicated by the message "–P–" displayed in the upper left corner of the LCD (see page 89). This feature is carrier-dependent.

To adjust the earpiece volume during a call

Turn up to increase the volume.
Turn down to decrease the volume.

Tip

In addition, you can adjust the volume using the Volume menu (see page 63).

To mute/unmute the microphone during a call

Push and hold .

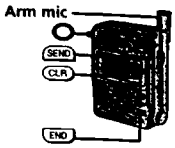
Tip

In addition, you can mute the microphone during a call using the Volume menu (see page 62).

To redial the last number

On the standby display, press SEND twice when the arm microphone is open. If the arm microphone is closed, press SEND and open the arm microphone. The number you dialed last is redialed automatically.

Receiving calls



You can receive calls as long as the out-of-service icon ( ) is not displayed. The icon indicates that you are outside the service area.

When you receive a call, the ringer sounds or the phone vibrates. "Incoming Call" flashes on the display, and the call alert indicator lights.

Note

If you turn off the ringer volume or set the ringer to "vibration" (see page 61), you will not hear the ringer sound. The message "–Ringer Off–" is displayed on the standby display if the ringer volume is turned off.

1 If the arm microphone is closed, open it to answer the call. If the arm microphone is open, press any button except PWR to answer the call.
When the call is connected, the call timer appears and displays the elapsed time.

2 Press END or close the arm microphone to end the call when you are finished.
The icon disappears, and the final elapsed call time flashes for 10 seconds. The standby display automatically reappears.

Tips

- Using the Jog Dial™ navigator, you can adjust the earpiece volume or mute the microphone during a call (see pages 62 and 63).
- Enhanced voice privacy is indicated by the message "-P-" displayed in the upper left corner of the LCD (see page 89). This feature is carrier-dependent.

If the caller supports caller ID

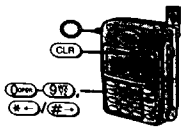
The caller's phone number appears on the display when you receive a call if the caller supports this feature.

If the caller supports caller ID and the number matches a Phone Book entry, the name that you stored with the number (if any) is displayed also.

If you miss a call

If you miss an incoming call, the message "You have missed XX calls." appears on the display. To return to the standby display, either press (CLR), (END), or ➔. If the caller supported caller ID, the caller's number is stored in the Call Log (see page 41).

Storing phone numbers in the Phone Book



Your phone features a built-in Phone Book memory, in which you can store up to 99 (01–99) phone numbers with names. You can dial stored numbers quickly by recalling them from the Phone Book (see page 35).

Each phone number can contain up to 32 digits, and each name up to 12 characters. This section shows how to store, edit, and erase Phone Book numbers quickly.

1 On the standby display, use the number buttons and (*)/(#) to enter the number.

The number appears on the display. In addition, you can store hyphens, pauses, and links with your Phone Book entries (see page 30).

2 Push ➔.

The Options menu appears.

3 Turn ↻ to select "Save," then push ➔.

The message "Enter a Name" appears on the display, prompting you for a name to accompany the number.

4 Use the number buttons to enter the name.

If you press the same button in quick succession, you will scroll through the characters available on that button. (See the "Alphanumeric table" on page 29.) For the next entry, wait until the cursor moves one step to the right or use (*+)/(#-) or (O) to move the cursor and insert spaces between characters. If you enter the wrong character, press (CLR) to clear the character highlighted by the cursor.

To enter "SONY"

Press (7PQRS) four times to enter an "S."
Press (6MNO) three times to enter an "O." Wait until the cursor moves one step to the right for the next entry.
Press (6MNO) twice to enter an "N."
Press (9WXYZ) three times to enter a "Y."

5 When you are finished, push (→O) to store the phone number and name.

The message "Save in location XX?" appears on the display, indicating the first available memory location.

6 Push (→O) to store the new number in the first available memory location.

If you want to store it in another location, turn (O) to select the desired location or enter the location number, then push (→O). A confirmation message appears, followed by the status of the Phone Book.

Tip

In addition, you can use the Directory menu to store Phone Book numbers (see page 69).

Alphanumeric table

Each time you press a number button, the letters/numbers are cycled as follows:

Button	Sequence
(1)	- " . ' , & ( ) : 1
(2ABC)	A B C a b c 2
(3DEF)	D E F d e f 3
(4GHI)	G H I g h i 4
(5JKL)	J K L j k l 5
(6MNO)	M N O m n o 6
(7PQRS)	P Q R S p q r s 7
(8TUV)	T U V t u v 8
(9WXYZ)	W X Y Z w x y z 9
(0OPER)	0

To enter a hyphen, pause, or link

In addition to digits, you can insert hyphens, pauses, and links into the phone number of a Phone Book entry.

Hyphens: When you enter a hyphen manually, e.g., when you store a foreign number, the autohyphenation feature (see page 86) will be turned off for that number.

Pauses: When you want to send DTMF signals (see page 43) for electronic banking, etc., inserting a pause after the first string of digits makes the phone pause before dialing the second string. This ensures that your counterpart is ready to accept that string.

Links: You can join two or more Phone Book entries (e.g., a doctor's phone number and your medical record number). Once you have specified the first entry, you insert a link. Then you specify the second number by entering its two-digit memory location number.

To release a pause or link during a call

If a Phone Book entry contains hard pauses or links, only the digits up to the first hard pause or link are displayed. To dial the rest of the selected entry (and release the pause or link), push ➔. For a time pause, wait two seconds. The phone dials the rest of the entry automatically.

1 While entering digits, push ➔.
The Options menu appears on the display.

2 Turn ◯ to select which information to enter, then push ➔.
After inserting a hyphen, pause, or link, the display returns to number entry mode.

To enter	Select	The display shows
a hyphen	Enter Hyphen	–
a hard pause	Hard Pause	H
a time pause	Time Pause	T
a link	Enter Link	L

If the Phone Book is full

If there are no memory locations available, a message indicates that the memory is full. After entering a name, a message prompts you to specify a memory slot to overwrite. To cancel, hold down or press CLR.

Editing stored information

You can edit the name, phone number, and memory location of specific entries stored in the Phone Book.

1 On the standby display, turn ◯ once.
The Phone #s display appears.

2 Turn ◯ down to select "Phone Book."
The first entry in the Phone Book appears.

3 Turn ◯ to select the entry that contains the information you want to edit.
The contents of the selected memory location are displayed.

4 Push ➔.
The Options menu appears.

5 Turn ↺ to select "Edit," then push ➔.
The Edit menu appears.

6 Turn ↺ to select the item you want to edit, then push ➔.
The stored information that corresponds to the selected item appears.

To change	Select
the name	Name
the phone number	Phone #
the memory location	Location #

7 Enter the new information.
Enter new information the same way you stored original information (see page 27). The old information is overwritten.

8 When you are finished, push ➔.
The Options menu reappears when you edit the phone number. New information is saved immediately when you edit the name or memory location.

9 Turn ↺ to select "Save," then push ➔.
A message confirms that your changes have been saved.

Tip
In addition, you can use the Directory menu to edit Phone Book numbers (see page 71).

Erasing a phone number

You can erase stored Phone Book entries. If the selected entry is restricted, you must enter the four-digit lock code before you can erase it (see page 79).

1 On the standby display, turn ↺ down twice to select "Phone Book."
The first Phone Book entry is displayed.

2 Turn ↺ to find the Phone Book entry you want to erase.
The contents of the selected memory location are displayed.

3 Push ➔.
The Options menu appears.

4 Turn ↺ to select "Erase," then push ➔.
A message appears, prompting you to confirm the erasure.

5 Push ➔ again.
The selected entry is erased. After a few seconds, the standby display reappears.

Tips
- You can also use the Directory menu to erase one Phone Book entry at a time (see page 71).
- Use the Security menu to erase all Phone Book entries at once (see page 83).

Restricting Phone Book entries

You can restrict individual Phone Book entries or the entire Phone Book so that access can be gained only by entering a lock code (see page 79). The phone numbers of restricted entries will not be displayed.

1 Select the Phone Book entry that you want to restrict, then push ➔.
The Options menu appears.

2 Turn ◯ to select "Restrict," then push ➔.
A confirmation message appears.

3 Push ➔ to restrict the selected entry.
Now the selected entry is restricted.
After a few seconds, the standby display reappears.

To unrestrict an entry

1 Select the Phone Book entry that you want to unrestrict.
The message "<number is restricted>" indicates a restricted entry.

2 Push ➔.
The Options menu appears.

3 Turn ◯ to select "Restrict," then push ➔.
A message appears, prompting you to enter the lock code.

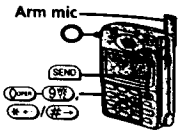
4 Use the number buttons to enter the lock code.
Now the selected entry is unrestricted.
After a few seconds, the standby display reappears.

Tips

- A typical default lock code is either the last four digits of your phone number or 0000 (see page 79).
- You can also use the Security menu to restrict/unrestrict Phone Book entries (see page 81).

Calling from the Phone Book

You can dial frequently used numbers quickly from the Phone Book using the Jog Dial™ navigator. Also, by using speed/touch dialing, you only need to press a few buttons to dial.



1 On the standby display, turn ◯ once.
The Phone #s display appears.

2 Turn ◯ down to select "Phone Book."
The first entry in the Phone Book appears.

3 Turn ◯ to select the desired Phone Book entry.
The contents of the selected entry are displayed.

4 Open the arm microphone if it is closed. If the arm microphone is open, push ➔ twice or press SEND.
The phone dials the number stored in the selected Phone Book entry. The icon appears.

Tips

- You can search for a phone number by name or memory location (see pages 38 and 39).
- Whenever the phone number is displayed, you can call it by opening the arm microphone, or pushing SEND, or by pushing ➔ twice.
- If the phone number of a selected Phone Book entry is too long to fit on the screen, you can still view the overflow digits by selecting "View Number" on the Options menu.

Speed dialing

To dial quickly, you can enter the Phone Book memory location numbers. The phone calls the number stored in the corresponding location.

1 Use the number buttons to enter the memory location number.

2 To dial the number, open the arm microphone. If the arm microphone is already open, press SEND.
The name and the phone number of the memory location appear. The phone dials the number stored in the entered memory location.

Touch dialing

You can dial a phone number stored in the Phone Book without pressing SEND. Before using this feature, make sure that Touch Dial on the Features menu is set to "on" (see page 77).

1 Use the number buttons to enter the memory location number, holding down the last digit of the memory location number for about two seconds when the arm microphone is already open.
The name and the phone number of the memory location appear. The phone dials the number stored in the entered memory location.

Searching the Phone Book

To locate a desired Phone Book entry, you can search by name, phone number, or memory location. You can search the Phone Book either alphabetically or for a string of characters.

Searching alphabetically

When you enter only one character in a Phone Book search, the phone lists all entries that begin with the entered character.

1 From the standby display, turn once.
The Phone #s display appears.

2 Push .
The Search display appears.

3 Enter only the first letter of the name you want to find.

4 Push .
All Phone Book entries that begin with the entered character are displayed alphabetically.

5 Turn to view the next entry.

Tip
In addition, you can use the Directory menu to search the Phone Book by name (see page 73).

Searching for a string of characters

When you enter two or more characters in a Phone Book search, the phone searches for entries that contain those characters. The results are displayed starting from the lowest memory location number.

1 From the standby display, turn once.
The Phone #s display appears.

2 Push .
The Search display appears.

3 Enter at least two characters.

4 Push .
The entries containing the selected string are displayed starting from the lowest memory location number.

5 Turn to view the next entry in the search string.

Note
If the search string does not contain punctuation or a space, the phone scans only the first characters of the words in the matching entries.

Searching by memory location

The phone searches for a memory location that matches the entered digit(s), and displays a list of options.

1 On the standby display, enter the memory location (a maximum of two digits).

2 Push .
The Options menu appears.

3 Turn ◯ up to select "Recall Loc#," then push ➔.
The Phone Book entry stored in the selected memory location is displayed. If the entered location is empty, this is indicated on the display. After a few seconds, the standby display reappears.

Tip
You can also use the Directory menu to search the Phone Book by memory location (see page 74).

Searching for a phone number

The phone lists all entries that contain the entered digits.

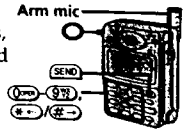
1 On the standby display, enter at least three consecutive digits of the phone number you want to find.

2 Push ➔.
The Options menu appears.

3 Turn ◯ up to select "Find Number," then push ➔.
The Phone Book lists and displays all entries matching the entered digits. Depending on the Sort Book setting (see page 87), the entries are listed either alphabetically or by memory location.

4 Turn ◯ to view the next entry that contains the search string.
If a matching Phone Book entry is not found, this is indicated on the display. After a few seconds, the standby display reappears.

Calling from the Call Log



Information on the ten most recent outgoing calls, incoming calls, scratch pad entries, and/or missed calls are stored in the phone's Call Log. If you call the same number twice in a row, only the most recent call is stored in the Call Log.

1 On the standby display, turn ◯ once.
The Phone #s display appears.

2 Turn ◯ up to go to "Call Log."
Information on the most recent call or the most recent scratch pad entry appears. "Call Log is empty" is displayed if there are no entries.

3 Turn ◯ to select the entry you want.
The contents of the selected entry are displayed.

4 Open the arm microphone if it is closed. If the arm microphone is open, push ➔ twice or press SEND.
The phone dials the selected Call Log entry. The icon appears.

Tips

- In addition, you can dial by pressing (SEND) (when the arm microphone is open) after selecting the entry in step 3 on page 41.
- If the selected entry contains a hard pause or a link, only the digits up to the pause or link are dialed. To release pauses and links, see page 30. The hard pause or link must be released to continue sending DTMF signals.
- In addition, you can use the Directory menu to view the Call Log (see page 75).

To view detailed information of Call Log entries

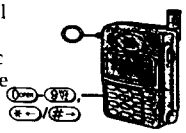
In addition, you can view the digits of a phone number that do not fit on the screen, the duration of the call, or the time and date of the call by using the Options menu in step 4 on page 41.

To view	Select
digits that do not fit on the screen	View Number
the duration of the call	Duration
the time and date of the call	Time/Date

To save the number to the Phone Book

Select "Save" from the Options menu (step 4 on page 41) by pushing the Jog Dial™ navigator.

Sending DTMF signals from the Phone Book



You can send DTMF (Dual Tone Multiple Frequency) signals to access electronic services (such as telephone banking) when dialing numbers from the Phone Book.

Dual Tone Multiple Frequency is also known as "touch-tone." A tone is generated when you press a telephone button (number, #, or *). It can be used to access answering machines, pagers, telephone banking services, data services, and other electronic services.

1 During a call, search for the Phone Book entry that contains the numbers you want to send.

The selected entry is displayed. Use the Directory menu to search for the Phone Book entry (see pages 73 and 74).

2 Push ➔.

The Options menu appears.

3 Turn ↻ to select "Number Tone," then push ➔.

A DTMF signal, containing the entered digits, is sent in a burst.

Notes

- You can send a DTMF signal only during a call.
- To enter and send numbers one by one during a call, use the number buttons and (*)/(#) to send the DTMF number.
- To change the length of the DTMF transmission, see "Setting the keybeep length" on page 65.

About the Menu

You can use the Menu to activate the special features of your phone. For a list of submenus and settings, see "List of menu items" on page 95.

Viewing and selecting menu options

The Jog Dial™ navigator makes it easy to navigate the phone's menus. The procedure to view and select menu options is common to most of the submenus (see page 21). These menus are accessible during a call also. The following example shows how to set the backlight.

1 On the standby display, push ➔ to select "Menu."
If the standby display is not shown, press END or hold down CLR, then push ➔ to display the Menu. The arrow and the menu number flash, indicating which menu will be selected by pushing ➔.

2 Turn ↻ to select "Display," then push ➔.
The Display menu appears. The arrow and the last digit of the submenu number flash, indicating which submenu will be selected by pushing ➔.

3 Turn ↻ to select "Backlight," then push ➔.
The Backlight menu appears. The current setting is indicated by a check mark (✓) and is displayed in capital letters. (See page 85 for an additional description on setting the backlight.)

4 Turn ↻ to select the setting.
The available options appear in a cyclical manner as you turn ↻.

5 Push ➔ to enter the new setting.
The standby display reappears.

To exit from the Menu

Press END or hold down CLR to return to the standby display.

To return to the previous display

Press CLR. To go back further, press CLR again.

Notes

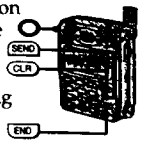
- If you reach the last menu item and try to turn ↻ further, a beep indicates that you have reached the end of the menu. To view other menu items, turn ↻ in the opposite direction.
- The standby display automatically reappears after 30 seconds of inactivity, unless you are on the Phone #s or Directory menus.

Tip

Each menu item can be accessed quickly from the standby display by pushing ➔ and then pushing the number of the menu item. The item number then appears in the upper left corner of the display in step 3. For example, you can access the backlight setting by pushing ➔ followed by 8 and 2.

Using the Short Messaging Service

This section contains information on the Short Messaging Service (SMS). This feature lets you receive "text" messages, which are stored in your phone as long as there are enough memory locations available.



Contact your service provider to see if this service is available in your area.

Receiving messages

To receive messages, the phone must be turned on. The phone supports three types of messages: "MESSAGE" indicates a text message; "PAGE" typically contains only digits; "VOICE MAIL" is a voice mail notification, and indicates the number of new voice mail messages stored in your voice mailbox.

When you receive a message

The message icon (✉) appears on the display and the call alert indicator flashes, accompanied by audible alerts. The first line indicates message type and priority. If the message is urgent, the message type is flanked by asterisks (*) and followed by an exclamation mark (!). If you press any key, this display disappears. The message icon (✉) remains displayed as long as there are unread messages or until you turn the power off.

Tip

If you receive duplicate messages, the phone deletes the older one and stores the new one with the indication "DUPLICATE."

WARNING

When you receive a new message and your phone does not have enough memory to store it, the phone automatically erases old messages that are not locked.

Note

If the ringer volume is set to "vibration," the phone emits a vibration instead of an audible ring when you receive a message.

If the memory becomes full

The phone issues a warning when the memory is 75% full. At this point, you should erase expendable messages (see page 60).
If the memory becomes completely full or your phone does not have enough memory to receive an incoming message, new messages are rejected.

Accessing messages

1 Push ➔ twice from the standby display.

The Message menu appears, indicating the number of the following types of messages, respectively:

- Voice mail messages (see page 48).
- Unread text messages and pagings (see page 55).
- Text messages and pagings that you have already read but are still stored in memory (see page 56).

Accessing voice mail [F11]

Voice mail message notification

An ✉ icon will appear on the phone standby display, a digital beep will sound, and a green light at the top of your phone will blink to alert you that there are new messages in your mailbox. The phone will keep track of the number of new messages waiting for retrieval. The ✉ icon will remain on the standby display until all new messages have been retrieved.

Note

Message Waiting Notification will not be received when the phone is turned off or out of the service area, If the PrimeCo network cannot locate the phone, either because it is turned off or beyond the service area, Message Waiting Notification will be held and delivered when the powered up phone returns to the network. If the notification is older than 72 hours, the notification will expire and will not be delivered to the handset (e.g., no beep or blinking light), however the voice mail message remains in the box waiting for retrieval.

To access your PrimeCo voice mailbox from your PrimeCo phone

1 **Select "Voice" from the Message menu and open the arm microphone. You will be connected to your PrimeCo voice mailbox.**
A voice message prompts you to enter your personal password.
For future reference: my password is _____.

Note

Normal airtime charges apply.

To access your PrimeCo voice mailbox from an office/home phone

1 **Dial your own PrimeCo phone number.**
Your personal greeting will be played.

2 **Press (*←) to interrupt your greeting.**
A message prompts you to enter your personal password.

Note

Normal airtime charges apply.

Another way to access your PrimeCo voice mailbox from an office/home phone

1 **Dial your own PrimeCo phone number's area code and exchange, then "8888". (For example: 123-555-8888).**
A message prompts you to enter your 10-digit PrimeCo phone number. Your personal greeting will be played.

2 **Press (*←) to interrupt your greeting.**
A message prompts you to enter your personal password.

Notes

- Normal airtime charges do not apply.
- Your PrimeCo mailbox receives your calls when you travel outside your home area. Customers with PrimeCo numbers from Chicago, Milwaukee, Dallas/Fort Worth, San Antonio, Austin, and Hawaii will not receive message waiting notification when roaming in Houston, New Orleans, Richmond, Hampton Roads, Mobile, Jacksonville, Orlando, Tampa/St. Petersburg, and Miami/West Palm Beach. Customers with PrimeCo numbers from Houston, New Orleans, Richmond, Hampton Roads, Mobile, Jacksonville, Orlando, Tampa/St. Petersburg, and Miami/West Palm Beach will not receive message waiting notification when roaming in Chicago, Milwaukee, Dallas/Fort Worth, San Antonio, Austin, and Hawaii.
- All customers may access Voice Mail via the ✉ icon at anytime in all PrimeCo markets.

To erase a voice mail notification

1 Press 8 from the Message menu.

Call forwarding

Lets you forward incoming calls to any telephone, anywhere. You can forward your calls three ways.

To forward all calls

1 Press * 7 2.

2 Enter the phone number.
This forwards all calls whether or not you are on your PrimeCo phone or your phone is turned on.

To cancel "all" calls forward

1 Press *.

2 Press 7 2 0.

To forward calls that receive a busy signal

1 Press * 9 0.

2 Enter the phone number.
This forwards all calls when you are talking on your PrimeCo phone. When you are not on your phone, calls will be deposited into voice mail if you choose not to answer or if your phone is turned off.

To cancel "busy" call forward

1 Press (*+).

2 Press (9) (0) (0).

To forward calls when you do not answer the phone

1 Press (*+).

2 Press (9) (2).
This forwards calls only when you do not answer or your phone is turned off.

To cancel "no answer" calls forward

1 Press (*+).

2 Press (9) (2) (0).

Note

Call forwarding is a subscription service. Call 611 for Customer Care to enroll. Cost is $1 per month plus airtime.

3-way calling

This allows you to save a lot of time by allowing you to speak to two people on different telephones at the same time — like a mini-conference call. You can originate both calls, or you can talk to one person and decide to call another person to join your conversation.

To originate a 3-way call

1 Dial the first phone number to speak to the first person.

2 Press (SEND) and then dial the second phone number.

3 Press (SEND) again.

4 Press (SEND) again after that person answers the phone.
Now you have a 3-way call.

To add a person to make a 3-way call on your PrimeCo phone

1 Press (SEND) to put the first party on hold.

2 Dial the second phone number.

3 Press (SEND).

4 Press (SEND) again after the second person answers the phone.
Now you have a 3-way call.

Note

3-way calling is a subscription service. Call 611 for Customer Care to enroll. Cost is $1 per month plus airtime.

Caller ID

This feature allows you to see who is calling before you answer your PrimeCo phone. The incoming telephone number automatically shows up on your phone display. This helps you save money by allowing you to ignore an unwanted call.

Notes

- When you are making a call, if you want to block your phone number from being passed to the person you are calling, just press *67 before you dial.
- If you don't have Caller ID set up on your phone and you want to pass your number to the person you are calling, just press *82 before you dial.

Call waiting

Avoid missing calls with this feature. While you are talking on your PrimeCo phone, you will hear a special tone alerting you that someone else is trying to reach you. You can decide to answer the second call, let the call go to your voice mail, or have the call forwarded.

To answer the incoming call

1 Press (SEND) when you hear the second call alert.

Note

If you need to, you can now press (SEND) to toggle back and forth between the two calls.

Reading new text messages [F12]

You can read both new and old messages stored in memory. Urgent messages are listed above non-urgent ones, with the most recent entries first. After reading messages, you can protect or erase them.

1 Turn ↻ to select "New Text" from the Message menu, then push ➔.

The first message is displayed. An asterisk (*) indicates an urgent message. If there are no new messages, this is indicated on the display. If you have no new messages, push ➔ to return to the Message menu.

2 Turn ↻ to scroll through the message line by line.

If you do not scroll, the display automatically scrolls down page by page. A hollow box (□) indicates the end of the message.

3 To proceed to the next message, push ➔ when you reach the end of the message.

The Options menu appears. To return to the standby display, press (END).

4 Turn ↻ to select "Next Msg," then push ➔.

The next message is displayed. If there are no more messages, the Message menu reappears.

Note

Once you reach the end of the message and go to the next message, the previous message is stored as an old message.

Reading old text messages [F13]

The most recent messages are listed first.

1 Turn ◯ to select "Old Text" from the Message menu, then push ➔.

A list of old messages is displayed. A dot (•) indicates the beginning of each message. A lock icon (🔒) indicates that the message is locked (see page 76). If a message is too long to fit, an ellipsis (...) is used.

2 Turn ◯ to scroll through the list of old messages.

3 To read the selected message, push ➔.

The selected message is displayed.

4 Turn ◯ to scroll through the message.

If you do not scroll, the display automatically scrolls down to the end of the message, which is indicated with a hollow box (□).

5 When you have read the message, press (CLR) to return to the list of old messages.

To read the next message, push ➔ to go to the Options menu, then select "Next Msg."

To protect a text message

You can lock a message to protect it from being erased.

1 After reading a message, push ➔.

The Options menu appears.

2 Turn ◯ to select "Lock Msg," then push ➔.

A message indicates that the message is now locked.

Note

The phone does not erase locked messages automatically. When there is not enough memory for incoming messages, you must erase the locked messages manually.

To call the callback number of a text message

1 **After reading a text message, open the arm microphone, and push ➔ to see the Options menu. Turn ↻ to select "Send," then push ➔.**
The phone dials the callback phone number which is attached to the message. If a callback number is not attached to the message, no call is made and a message indicates that a callback number is not available.

Tip
In addition, when viewing a text message or the list of old messages, you can dial the callback phone number simply by opening the arm microphone, or pressing (SEND) when the arm microphone is already open.

To save the callback number

1 **After reading a message, push ➔.**
The Options menu appears.

2 **Turn ↻ to select "Save Number," then push ➔.**
A message appears, prompting you for a name to accompany the number.

3 **Use the number buttons to enter the name.**
If you press the same button in quick succession, the letter you just entered changes. (See the "Alphanumeric table" on page 29.) Use (*)/(#) or ↻ to move the cursor and insert spaces between characters. If you enter the wrong character, press (CLR) to clear the character highlighted by the cursor.

4 **When you are finished, push ➔ to store the phone number and name.**
A confirmation message appears.

5 **Push ➔ to store the new number in the first available memory location.**
If you want to store it in another location, turn ↻ to select the desired location, then push ➔. A confirmation message appears, followed by the status of the Phone Book.

To erase a text message

1 **After reading a text message, push ➔.**
The Options menu appears.

2 **Turn ◯ to select "Erase Msg," then push ➔.**
The message is erased.

Erasing all old text messages [F14]

1 **Turn ◯ down to select "Erase Old" from the Message menu, then push ➔.**
The Erase Old menu appears.

2 **Press ▭ to erase all old messages.**
To go back to the Message menu without erasing the messages, push ➔. If you erase all old messages, it will be indicated on the Message menu.

Adjusting the volume

You can adjust the volume of the ringer, keybeep, and earpiece on the Volume menu. In addition, you can select the type of sounds heard when the phone rings and when you press buttons. (See page 21 for instructions on how to reach the Volume menu.)

Adjusting the ringer volume [F21]

1 **Turn ◯ to select "Volume" from the Menu, then push ➔.**
The Volume menu appears.

2 **Push ➔ to select "Ringer Vol" from the Volume menu.**
The Ringer Vol. menu appears.

3 **Turn ◯ up to raise the ringer volume, and down to lower it.**
You can select from six ringer volume settings: "off," "low," "med." (medium), "high," "vibration," and "escalate."

4 **Push ➔ to enter the new setting.**
The standby display reappears.

If you turn off the ringer volume

The message "–Ringer Off–" is displayed at the top of the screen when the standby display appears.

Tips

- If you set the ringer volume to "escalate," the telephone rings twice at a low volume, then once at medium volume, and thereafter at a high volume.
- If you set the ringer volume to "vibration," the telephone emits a vibration instead of an audible ring.
- If the telephone is used in conjunction with a hands-free car kit or a portable hands-free car kit, the "vibration" setting is not available.
- If the telephone is connected to a wall outlet and the ringer volume is set to "vibration," the telephone emits an audible ring at the "high" setting instead.

Muting/unmuting the microphone [F22]

You can mute/unmute the phone during a call directly, without using the Volume menu by pushing and holding ➔. In addition, you can mute/unmute the microphone during a call using the Volume menu. This feature is disabled in standby mode.

1 **During a call, turn ◐ to select "Volume" from the Menu, then push ➔.**
The Volume menu appears.

2 **Push ➔ to select "Mute/UnMute."**
Now the microphone is muted.

3 **To unmute the microphone, first push ➔.**
The Volume menu reappears.

4 **Push ➔ to select "Mute/UnMute."**
Now the microphone is unmuted.

Adjusting the keybeep volume [F23]

You can adjust the volume of the beep that sounds when you press a button.

1 **Turn ◐ to select "Keybeep Vol" from the Volume menu, then push ➔.**
The Keybeep Vol menu appears.

2 **Turn ◐ up to raise the keybeep volume, and down to lower it.**
You can select from four keybeep volume settings: "off," "low," "med." (medium), and "high."

3 **Push ➔ to enter the new setting.**
The standby display reappears.

Adjusting the earpiece volume [F24]

You can adjust the earpiece volume during a call by turning ◐. In addition, you can adjust the speaker volume as follows:

1 **Turn ◐ to select "Earpiece Vol" from the Volume menu, then push ➔.**
The Earpiece Vol menu appears.

2 **Turn ◐ up to raise the earpiece volume, and down to lower it.**
There are seven earpiece volume settings ranging from "1" to "7." A higher number indicates higher volume.

3 **Push ➔ to enter the new setting.**
The standby display reappears.

Setting the ringer type [F25]

You can set the type of ring that sounds for an incoming call.

1 **Turn ◯ to select "Ringer Type" from the Volume menu, then push ➔.**
The Ringer Type menu appears.

2 **Turn ◯ to select the ringer type.**
You can select from five different ringer settings. The ringer sounds every time you turn ◯.

3 **Push ➔ to enter the new setting.**
The standby display reappears.

Setting the keybeep type [F26]

You can set the beep that sounds when you press a button to either a tone or a click. Tones sound similar to DTMF tones, and clicks are indicated by single beeps.

1 **Turn ◯ to select "Key Sound" from the Volume menu, then push ➔.**
The Key Sound menu appears.

2 **Turn ◯ to select the keybeep type.**
You can select "tones" or "clicks."

3 **Push ➔ to enter the new setting.**
The standby display reappears.

Note

DTMF tones are sent to the other party during a call even if you set the keybeep type to "clicks."

Setting the keybeep length [F27]

You can set the length of the beep that sounds when you press a button. This setting affects both the keybeep feedback and DTMF transmission tones. For up to 15 seconds, the phone sends a short DTMF burst (default) or plays every tone of the DTMF signal as long as the key is held down (see page 43).

1 **Turn ◯ to select "Beep Length" from the Volume menu, then push ➔.**
The Beep Length menu appears.

2 **Turn ◯ to select the keybeep length.**
You can select "standard" or "long."

3 **Push ➔ to enter the new setting.**
The standby display reappears.

Checking and setting the timers

You can check call durations on the Timers menu. In addition, you can set the phone to alert you every minute of a call, and make the phone turn itself off automatically.

Checking the duration of all calls [F31]

You can view the total duration of all calls. This information cannot be reset.

1 Turn ◯ to select "All Calls" from the Timers menu, then push ➔.
The All Calls display appears.

2 Push ➔ to go back to the standby display.

Checking and resetting the duration of recent calls [F32]

You can view the total duration of the most recent calls.

1 Turn ◯ to select "Recent Calls" from the Timers menu, then push ➔.
The Recent Calls display appears.

2 Press ⊡ to reset, or hold down (CLR) to go back to the standby display.
If you choose to reset, the counter of recent calls and the corresponding durations are reset.

Setting the minute alert [F33]

You can set the phone to alert you ten seconds before every full minute.

1 Turn ◯ to select "Minute Alert" from the Timers menu, then push ➔.
The Minute Alert menu appears.

2 Turn ◯ to select the desired alert time.
You can select from four settings: "off," "before min," "each min," and "every 5 min." If you select "before min," the phone alerts you 10 seconds before every full minute.

3 Push ➔ to enter the new setting.
The standby display reappears.

Setting the phone to automatically turn off [F34]

You can set the phone to automatically turn itself off after a specified duration.

1 Turn ◯ to select "Auto-Off" from the Timers menu, then push ➔.
The Auto-Off menu appears.

2 Turn ◯ to select the duration before the phone powers off automatically.
You can select from "never," "in 3 hours," "in 2 hours," "in 1 hour," and "in 30 mins." If you select "never," the phone does not turn itself off automatically.

3 Push ➔ to enter the new setting.
A confirmation message appears.

Notes

- If you press any button or operate the Jog Dial™ navigator, the timer is reset and the countdown starts over.
- The phone does not turn itself off automatically during a call.
- If the Auto-Off timer is set, the phone turns off after a user-specified duration and the countdown "Off:xx:xx:xx" is displayed.
- Once the phone turns off, the setting will revert to "never."

Checking billing information

You can use the √Billing feature to dial a customer service center in order to check your PCS telephone billing balance.

1 Turn ◐ to select "√Billing" from the Menu.

2 Push ➔.
The phone dials a customer service center.

Using the Directory

You can use the Directory menu to check your phone number, as well as store, erase, and edit phone numbers and names in the Phone Book. Also, you can use this menu to view the Call Log.

Checking your phone number [F51]

1 Push ➔ to select "My Number" from the Directory menu.
The My Phone # display appears, showing your phone's number.

2 Push ➔ to exit this feature.
The standby display reappears.

Storing phone numbers [F52]

For quick and easy dialing, the Phone Book allows you to store up to 99 phone numbers.

1 Turn ◐ to select "Save" from the Directory menu, then push ➔.

2 Use the number buttons and ⊛/#⊕ to enter the phone number, then push ➔.
The Options menu appears. (See the "Alphanumeric table" on page 29.)

3 Turn ◐ to select "Save," then push ➔.
A message appears, prompting you for a name to accompany the number.

4 Use the number buttons to enter the name.
Use (*)/(#) to move the cursor or to insert spaces between characters. If you enter the wrong character, press (CLR) to clear the character highlighted by the cursor. (See the "Alphanumeric table" on page 29.)

5 When you are finished, push ➔.
A message appears, prompting you to specify the new memory location.

6 Push ➔ to store the new number in the first available memory location.
If you want to store it in another location, turn ↻ to select the desired location, then push ➔. In addition, you can use the number buttons to specify the memory location. A confirmation message appears, followed by the status of the Phone Book.

Tip
In addition, you can use the Options menu to store Phone Book numbers (see page 27).

Erasing a phone number [F53]

You can erase stored Phone Book entries. If the selected entry is restricted, you must enter the four-digit lock code to erase it (see page 79).

1 Turn ↻ to select "Erase" from the Directory menu, then push ➔.
A message appears, prompting you for the Phone Book entry to be erased.

2 Turn ↻ to select the entry you want to erase, then push ➔.
A message appears, prompting you to confirm that the selected Phone Book entry should be erased. In addition, you can use the number buttons to select the entry to be erased.

3 Push ➔ again.
The selected entry is erased. After a few seconds, the standby display reappears.

Tips
- Also, you can use the Options menu to erase one Phone Book entry at a time (see page 33).
- Use the Security menu to erase all Phone Book entries (including restricted entries) at once (see page 83).

Editing stored information [F54]

You can edit the name, phone number, and memory location of specific entries stored in the Phone Book. If the selected entry is restricted, you must enter the four-digit lock code to edit it (see page 79).

1 **Turn ◐ to select "Edit" from the Directory menu, then push ➔.**
A message appears, prompting you for the Phone Book entry to be edited.

2 **Turn ◐ to select the entry that contains the information you want to edit.**
In addition, you can use the number buttons to select the entry to be edited. A message appears, prompting you to confirm that the selected Phone Book entry should be edited.

3 **Push ➔ again.**
The Edit menu appears.

4 **Turn ◐ to select the item you want to change, then push ➔.**
You can change the name, phone number, or memory location by selecting "Name," "Phone #," or "Location #," respectively. The stored information that corresponds to the selected item appears.

5 **Use the keypad to enter the new information.**

6 **When you are finished, push ➔.**
The Options menu reappears when you edit the phone number. New information is recorded when you edit the name or memory location.

7 **Turn ◐ to select "Save," then push ➔.**
A message appears, confirming that your changes have been saved.

Tip
In addition, you can use the Options menu to edit Phone Book entries (see page 31).

Searching the Phone Book by name [F55]

You can find name entries in the Phone Book by searching alphabetically or for a string of characters.

Tip
In addition, you can use the Features menu to search the Phone Book alphabetically (see pages 38 and 39).

To search alphabetically

When you enter only one character, the phone lists all entries that begin with the entered character.

1 **Turn ◐ to select "Find Name" from the Directory menu, then push ➔.**
The Search display appears, prompting you for a search string.

2 **Enter only the first letter of the name you want to find.**

3 **Push ➔.**
All Phone Book entries are displayed alphabetically, starting from the ones that begin with the entered character.

4 **Turn ◐ to view the next entry.**

To search for a string of characters

When you enter two or more characters, the phone searches for entries that contain the entered string. The results are displayed alphabetically.

1 Turn ◯ to select "Find Name" from the Directory menu, then push ➔.
The Search display appears, prompting you for a search string.

2 Enter at least two characters.

3 Push ➔.
The entries containing the selected string are displayed alphabetically.

4 Turn ◯ to view the next entry.

Searching the Phone Book by memory location [F56]

You can find memory locations easily.

1 Turn ◯ to select "Phone Book" from the Directory menu, then push ➔.
A message appears, prompting you for a search string.

2 Use the number buttons to enter the memory location number.
The Phone Book entry that matches the search string is displayed.
If the selected entry is empty, the display shows the message "Phone Book storage location XX is empty." After a few seconds, the standby display reappears.

Tips

- You can also use the Options menu to find Phone Book memory locations (see page 39).
- You can also turn ◯ to scroll through the entire Phone Book instead of entering the memory location number in step 2.

Viewing the Call Log [F57]

You can view Call Log entries easily.

1 Turn ◯ to select "Call Log" from the Directory menu, then push ➔.
If the Call Log is empty, the display shows the message "Call Log is empty."

2 Turn ◯ to view the Call Log entries.
The most recent entry is displayed first. To view the rest of the ten most recent entries, turn ◯.

Tip

You can also view the Call Log from the standby display (see page 41).

To place a call

Press (SEND) in step 2. You can also push ➔ to go to the Options menu, then select "Send" and push ➔.

Miscellaneous features

On the Features menu, you can set the phone to enable touch dialing, redial automatically, and answer incoming calls automatically or at the press of any button. Also, you can use this menu to lock the keypad and to jot down phone numbers.

Preventing accidental operation [F61]

When the microphone is closed, you can lock the keypad by pushing and holding ➔ from the standby display. Locking the keypad offers low-level security. For example, it disables accidental dialing when you keep the phone in your pocket.

1 Turn ◐ to select "Key Guard" from the Features menu, then push ➔.
A message appears, confirming that the keypad is locked. After a few seconds, the standby display reappears. The keypad lock icon (🔒) and the text "Keyguard On" indicates that the keypad is locked.

To unlock the keypad

Open the arm microphone or press 1, 2 and 3 in quick succession.

To answer an incoming call when the keypad is locked

Just open the arm microphone. The keypad is unlocked automatically, and remains unlocked even after the call has ended.

Tips

- You can lock the keypad even when the phone itself is locked (see page 79).
- The backlight and keybeeps are turned off when the keypad is locked.

Activating touch dialing [F62]

If you want to use the touch dialing feature (see page 37), set to "on."

1 Turn ◐ to select "Touch Dial" from the Features menu, then push ➔.
The Touch Dial menu appears.

2 Turn ◐ to select "on" or "off."

3 Push ➔ to save the new setting.
The standby display reappears.

Setting the phone to redial automatically [F63]

You can turn the redialing function on or off. If the attempt to dial is not successful because of a busy network or a failed call, the phone tries to redial it up to five times every three seconds. If the attempt to dial is not successful because of a normal busy signal, the phone will not try to redial.

1 Turn ◐ to select "Auto-Retry" from the Features menu, then push ➔.
The Auto-Retry menu appears.

2 Turn ◐ to select "on" or "off."
If you select "off," the phone does not try to redial automatically.

3 Push ➔ to save the new setting.
The standby display reappears.

Setting the phone to answer automatically [F64]

You can set the phone to answer calls automatically. If you turn auto-answering on, the phone answers incoming calls on the second ring when the phone is used in conjunction with a hands-free car kit or a portable hands-free car kit.

1 **Turn ◯ to select "Auto-Answer" from the Features menu, then push ➔.**
The Auto-Answer menu appears.

2 **Turn ◯ to select "on" or "off."**

3 **Push ➔ to enter the new setting.**
The standby display reappears.
The message "–AutoAnswer–" is displayed on the standby display when you select "on" and the phone is in the hands-free car kit.

Using the scratch pad [F65]

Your phone has a scratch pad feature, which is useful for writing down phone numbers temporarily. Keybeeps do not sound when you enter digits to the scratch pad.

1 **Turn ◯ to select "Scratch Pad" from the Features menu, then push ➔.**
The Scratch Pad display appears, prompting you to enter a phone number.

2 **Use the number buttons and ⊛/#⊖ to enter the digits.**

3 **Push ➔.**
The Options menu appears. Besides storing digits, you can enter hyphens, pauses, and links (see page 30).

4 **Turn ◯ to select "Store&Exit," then push ➔.**
The information is stored as an "Added" entry in the Call Log. When the Call Log reaches more than 10 list items, the oldest entries will be deleted as needed to make room for new entries.

Setting security options

You can restrict unauthorized access to your phone and the information it holds. Additionally, on the Security menu, you can reset menu settings to default and store emergency numbers. Unlike other items on the Menu, accessing the Security menu requires a lock code when you select it from the Menu. A typical default lock code is either the last four digits of your phone number or 0000.

Preventing others from using your phone [F71]

This option lets you set when the phone will be locked. When the phone is locked, carrying out most operations requires entering the lock code; you can still answer incoming calls and dial 911 or other stored emergency numbers.

1 **Push ➔ to select "Lock Phone" from the Security menu.**
The Lock Phone menu appears.

2 **Turn ◐ to select when the phone will be locked.**
You can select "off," "on power-up," or "right now." If you select "off," the phone is available for use at any time without a lock code. If you select "on power-up," the phone is locked every time you turn it on.

3 **Push ➔ to enter the new setting.**
The standby display reappears. The message "⇒:Unlock" indicates that the phone is locked.

To unlock the phone

On the standby display, push ➔. When prompted, enter the lock code.

Setting a new lock code [F72]

The lock code must be entered every time you want to unlock the phone, and also when you want to access restricted numbers.

1 **Turn ◐ to select "New Code" from the Security menu, then push ➔.**
The Enter New Code display appears, prompting you to enter a new lock code.

2 **Use the number buttons to enter a lock code.**
The lock code must be exactly four digits long.

3 **Push ➔ to store the new lock code in memory.**
A confirmation display appears.

Note

Keep a record of your lock code. If you forget it, contact your service provider.

Restricting a Phone Book entry [F73]

You can restrict access to individual Phone Book entries.

1 **Turn ◐ to select "Restrict #" from the Security menu, then push ➔.**
A message appears, prompting you to specify the Phone Book entry to be restricted.

2 **Turn ◐ to select the Phone Book entry that you want to restrict.**

3 **Push ➔ to restrict the selected entry.**
Now the selected entry is restricted.

To unrestrict an entry

To select the entry you want to unrestrict, follow the procedure above for restricting an entry, and enter the lock code when you are prompted.

Notes

- The phone number of a restricted entry is not displayed when you view the Phone Book and make a call.
- Restricted entries are not listed or displayed after a digit string search (see pages 39 and 74).
- Calling, editing, and erasing a restricted entry requires the four-digit lock code.

Tip

Also, you can use the Options menu to restrict/unrestrict Phone Book entries (see page 34).

Restricting all Phone Book entries [F74]

You can restrict access to all Phone Book entries. All operations that involve Phone Book entries require the four-digit lock code (see page 79).

1 Turn ◐ to select "Restrict All" from the Security menu, then push ➔.
The Restrict All menu appears.

2 Turn ◐ to set restriction of all Phone Book entries on or off.

3 Push ➔ to enter the new setting.
The standby display reappears.

Note

If you restricted some entries by using "Restrict #," they are still restricted when you turn off "Restrict All."

Reverting to default settings [F75]

You can reset all menu settings to the defaults. This does not affect emergency numbers, lock code, banner, Phone Book, or Call Log entries.

1 Turn ◐ to select "Master Reset" from the Security menu, then push ➔.
The Master Reset display appears.

2 Press ⊏ to revert to the factory defaults, or push ➔ to keep the current settings.
If you revert to the factory defaults, all your custom menu settings are erased, excluding banner, lock code and emergency numbers.

Erasing all Phone Book entries [F76]

You can erase all Phone Book entries at once.

1 Turn ◐ to select "Erase Book" from the Security menu, then push ➔.
The Erase Book display appears.

2 Press ⊏ to erase all Phone Book entries (including locked entries), or push ➔ to quit without erasing.
If you erase all entries, a message appears to confirm this.

Erasing all Call Log entries [F77]

You can erase all Call Log entries at once.

1 Turn ◐ to select "Erase Calls" from the Security menu, then push ➔.
The Erase Calls display appears.

2 Press ⊏ to erase all Call Log entries, or push ➔ to quit without erasing.
If you erase all entries, a message appears to confirm this.

Storing emergency numbers [F78]

You can use the Security menu to store up to three emergency numbers other than 911 and *611 (which you cannot erase). You can call these numbers even when the phone is locked.

1 **Turn ◯ to select "Emergency #" from the Security menu, then push ➔.**
The first Emergency # display appears.

2 **Turn ◯ to select the emergency memory location, then push ➔.**
A message appears, prompting you to enter the phone number for the emergency entry.

3 **Use the number buttons and ⊛/#⊕ to enter the number.**

4 **Push ➔ to store the emergency number.**
The entered emergency number is stored in memory. To store other emergency numbers, repeat the above procedure. To go back to the standby display, hold down CLR.

Setting display options

You can use the features on the Display menu to change the appearance of the on-screen display.

Setting the banner [F81]

You can change what the banner reads.

1 **Push ➔ to select "Banner" from the Display menu.**
The Banner display appears. The current banner text is displayed.

2 **Push ➔ again to start editing.**
A message appears, prompting you to enter a new banner.

3 **Use the number buttons and ⊛/#⊕ or ◯ to enter the new banner text.**
The banner can be up to 12 characters long. For details on character entry, see the "Alphanumeric table" on page 29.

4 **Push ➔ to save the new banner.**
The standby display reappears. Your new banner is displayed.

Setting the backlight [F82]

You can adjust the duration of the backlight on the display and keypad.

1 **Turn ◯ to select "Backlight" from the Display menu, then push ➔.**
The Backlight menu appears.

2 Turn ↺ to select how long the backlight is on after the last press of a button.
You can select "for 15 secs," "for 7 secs," or "off." If the phone is used in conjunction with a hands-free car kit, a cigarette lighter adapter, or a single- or dual-slot battery charger, the added option of "always on" leaves the backlight on until the phone is detached from these accessories.

3 Push ➔ to save the new setting.
The standby display reappears.

Setting autohyphenation [F83]

You can turn the autohyphenation feature on and off. If you turn it on, entered numbers are hyphenated according to the North American Numbering Plan (eleven digits which include a long distance identifier, an area code, a three-digit community code, and a four-digit location code, e.g., 9-999-999-9999).

1 Turn ↺ to select "Auto-Hyphen" from the Display menu, then push ➔.
The Auto-Hyphen menu appears.

2 Turn ↺ to select "on" or "off."

3 Push ➔ to save the new setting.
The standby display reappears.

Sorting the Phone Book [F84]

You can determine how the Phone Book will be displayed by setting the Phone Book to sort the entries either alphabetically or by memory location.

1 Turn ↺ to select "Sort Book" from the Display menu, then push ➔.
The Sort Book menu appears.

2 Turn ↺ to set the sorting preferences.
You can choose to sort the Phone Book "by Loc. #" (by location) or "alphabetic" (alphabetically).

3 Push ➔ to save the new setting.
The standby display reappears.

Adjusting network settings

On the Network menu, you can set the phone to alert you when the roaming status changes, when a call is dropped, or when enhanced voice privacy is lost.

Setting the roaming alert [F91]

Your phone is roaming when you use it outside of the home area. Roaming access to a different carrier and the types of calls you can make varies with the agreement between your "home" carrier and the currently serving carrier. Check with your service provider for details about roaming in a specific area.

1 **Push ➔ to select "Roam Alert" from the Network menu.**
The Roam Alert menu appears.

2 **Turn ◐ to select "on" or "off."**

3 **Push ➔ to save the new setting.**
The standby display reappears.

When you enter another service area

The roaming icon (R) appears on the display. A beep accompanies the icon if you have turned the roam alert on.

If you leave any valid service area

A message appears, indicating that you are outside the area serviced by your "home" carrier or other valid service areas. The out-of-service icon (✗) also appears.

Setting the drop alert [F92]

If the signal fades, your phone may drop the ongoing call. You can choose to be alerted by an audible alarm when a call is dropped.

1 **Turn ◐ to select "Drop Alert" from the Network menu, then push ➔.**
The Drop Alert menu appears.

2 **Turn ◐ to select "on" or "off."**

3 **Push ➔ to save the new setting.**
The standby display reappears.

When a call is dropped

The message "Call is lost." appears on the display. A beep accompanies the icon if you have turned the drop alert on.

Setting the voice privacy alert [F93]

A display appears to indicate if enhanced voice privacy is lost during a call. You can choose to have an audible alarm accompany this display.

1 **Turn ◐ to select "Priv. Alert" from the Network menu, then push ➔.**
The Priv. Alert menu appears.

2 **Turn ◐ to select "on" or "off."**

3 **Push ➔ to save the new setting.**
The standby display reappears.

If enhanced voice privacy is lost

A message appears, and is accompanied by a beep if you have turned on the voice privacy alert.

When enhanced voice privacy is regained

A message appears, and is accompanied by a beep when you have turned on the voice privacy alert.

Note

The network automatically turns on enhanced voice privacy if it is available. You do not have to change your phone settings. For details, contact your service provider.

Setting the menu length

Selecting the Short Menu

You can set the menu length (long or short). The Short Menu displays only the most common menu items; the Long Menu displays all items.

1 Turn ↺ to select "Short Menu" from the Menu, then push ➔.

The standby display reappears, displaying only the items on the Short Menu.

Items on the Short Menu

The Short Menu contains the following items:

- Message (see page 46)
- Ringer Vol. (see page 61)
- My Number (see page 69)
- √Billing (see page 68)
- Phone #s (see pages 35, 38, 41)
- Lock Phone (see page 80)
- Long Menu (see page 94)

Notes

- The item "Phone #s" contains the items "Find Name" (see page 38), "Phone Book" (see page 35), and "Call Log" (see page 41).
- There are no keypad shortcuts on the Short Menu.

To return to the Long Menu

On the Short Menu, turn ↺ to select "Long Menu," then push ➔.

Troubleshooting

Problem	Cause/Remedy	Page
Nothing appears on the display.	• The phone is off. Turn the phone on. • Battery is fully discharged. Recharge the battery.	20 17
The out-of-service icon (⚠) appears.	• The phone is outside the service area, or the signal is too weak. Extend the antenna fully.	21
Nothing happens when you press the buttons.	• The keypad may be locked. • The phone may be locked. Enter the lock code to unlock the phone.	76 79
The call does not go through.	• Open the arm microphone. • Unlock the phone. • Check the signal strength. • If the ⚠ icon is displayed, there is no service. See above. • Check the number. • Press (SEND). • Listen for a busy signal.	23 80 20 21 23 23 —
You can hear the other party, but the other party cannot hear you.	• The microphone may be muted. Unmute the microphone.	24, 62
You hear the other party only faintly.	• Adjust the earpiece volume. If possible, also reduce the noise around you.	24, 63

Problem	Cause/Remedy	Page
The call is cut off ("dropped").	• You could be outside the coverage area. Redial the number. If the problem continues, contact your carrier. Also see "The out-of-service icon (⚠) appears" on page 92.	21
You hear an alternate high/low tone.	• You are attempting to use the phone in an area without service. • Extend the antenna fully. • Let the ⚠ icon disappear, then try to dial.	21 20 21
You forgot the lock code.	• Try 0000, 1234 (commonly used as defaults), or the last four digits of your own number. • See your authorized dealer or service provider.	79 —
You hear a fast busy tone.	• This can result from any one of the following: – The phone is improperly programmed. – The phone is out of range. – All channels are busy. – The antenna is broken or damaged.	 — 21 — 20
You cannot place or receive calls.	• Make sure that the phone is turned on, and that the out-of-service icon is not displayed. • Check the system settings. If you are roaming, consult your service provider concerning roaming agreements.	88 —

List of menu items

This section lists the Long Menu and its submenus. Use these to set the various parameters that pertain to the operation of the phone. For details on how to navigate from one menu to another, see "About the Menu" on page 44.

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F12 New Text	—	55
F13 Old Text	—	57
F14 Erase Old	—	60
F21 Ringer Vol.	off / low / medium / high / vibration / escalate	61
F22 Mute/UnMute	mutes or unmutes the microphone	62
F23 Keybeep Vol	off / low / medium / high	63
F24 Earpiece Vol	1 / 2 / 3 / 4 / 5 / 6 / 7	63
F25 Ringer Type	standard / option 1 to 4	64
F26 Key Sound	tones / clicks	64
F27 Beep Length	standard / long	65
F31 All Calls	total call time, number of calls	66
F32 Recent Calls	recent call time, number of calls	66
F33 Minute Alert	off / before min. / each min. / every 5 min	66
F34 Auto-Off	never / in 3 hours / in 2 hours / in 1 hour / in 30 mins	67
F4– √Billing	—	68
F51 My Number	—	69
F52 Save	—	69
F53 Erase	—	71

Menu Item	Settings	Page
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F55 Find Name	—	73
F56 Phone Book	No default entries	74
F57 Call Log	No default entries	75
F61 Key Guard	—	76
F62 Touch Dial	on / off	77
F63 Auto-Retry	on / off	77
F64 Auto-Answer	on / off	78
F65 Scratch Pad	—	78
F71 Lock Phone	off / on power-up / right now	79
F72 New Code	0000	80
F73 Restrict #	No default numbers	81
F74 Restrict All	on / off	82
F75 Master Reset	—	82
F76 Erase Book	—	83
F77 Erase Calls	—	83
F78 Emergency #	No defaults for #1 to #3	84
F81 Banner	No default banner	85
F82 Backlight	off / for 7 secs / for 15 secs / always on	85
F83 Auto-hyphen	on / off	86
F84 Sort Book	by loc. # / alphabetic	87
F91 Roam Alert	on / off	88
F92 Drop Alert	on / off	89
F93 Priv. Alert	on / off	89
F0– Short Menu	—	91

AudioDirect.com

Specifications

Frequency range
Transmit: 1851.25 to 1908.75 MHz
Receive: 1931.25 to 1988.75 MHz

Dimensions
3.6 × 2.4 × 1.0 inches (h/w/d)
(not including antenna)
(91 × 62 × 26 mm)

Mass (weight)
Approx. 5.3 oz (150 g)
(including battery pack)

RF power output
0.01 µW to 300 mW

Operational temperature
−22°F to +140°F
(−30°C to +60°C)
(excluding battery pack)

Supplied accessories
Extended Li-Ion Battery (1)
AC Adapter (1)
Hand strap (1)

Optional accessories
111714 Portable Hands-Free Car Kit
111715 Battery Saver Charger
111716 Compact Rapid Charger
111725 Extended Li-Ion Battery
111726 Single Slot Desktop Charger
111727 Hands-Free Car Kit
111728 Desktop Charger Speakerphone
111730 Phone Holster
111731 Auto Travel Holder
111732 Black Leather Case
111733 Yellow Leather Case
111734 Blue Leather Case
111735 Red Leather Case
111736 Green Leather Case
111737 Tan Leather Pouch
111738 Black Leather Pouch

Design and specifications are subject to change without notice.

Glossary

A

Automatic answer
Feature that automatically answers calls.

Automatic retry
Feature that automatically redials a call when a "System Busy" indication is received.

B

Banner
Message at the top of the standby display.

C

Call Log
See "Phone Book."

Carrier
A company that provides PCS telephone service.

CDMA
Code Division Multiple Access. A spread-spectrum approach to digital transmission. With CDMA, each conversation is digitized, and then tagged with a code. The mobile phone receives only the signal with the appropriate code.

Coverage area
The geographic area covered by one carrier. If you travel outside a carrier's area, you cannot receive service from that carrier. Also see "Roam."

D

Dropped call
A call terminated because of a deep, long fade or because the user left the coverage area.

DTMF
Dual Tone Multiple Frequency, also known as "touch-tone." Tone generated when you press a telephone button (number, #, or *). Can be used to access answering machines, pagers, telephone banking services, data services, and other electronic services.

E
ESN
Electronic Serial Number. The unique identification number of your telephone. The telephone transmits this number to the base station every time a call is placed.

Emergency number
In addition to the general emergency number (911 for the U.S.A. and Canada), three phone numbers can be stored as emergency numbers in your telephone. You can dial these numbers and 911 even when the phone is locked.

H
Home area
The area of the home system to which you subscribe.

I
Incoming call
A call received by your telephone.

L
Lock
Prevents unauthorized calls by requiring the user to enter a code to use the phone. Even if the phone is locked, you can call any of the emergency numbers or answer incoming calls.

M
Memory
A storage area for names and phone numbers. Also see "Phone Book."

Menu
The menu allows you to change or see the settings of your phone. You can access it from the standby display or during a call. See "List of menu items" on page 94 for an overview of this feature.

Minute alert
This alert beeps periodically during a call to help you keep track of the length of the call.

P
Pause
You can enter pause codes in the phone number memory data. Use this feature when accessing an answering machine, voice mail system, electronic banking system, etc. When a pause is inserted between two groups of digits, the phone will pause before dialing the next set of digits, allowing you to wait until your counterpart is ready to accept the string.

Phone Book
You can store up to 99 numbers in Phone Book memory, location number 01 to number 99. An additional recent number memory (Call Log) stores the last ten used phone numbers.

R

Roam

Your phone is roaming when you use it outside of the home area. Availability of roaming access to a different carrier and types of calls you can make varies with the agreement between your home carrier and serving carrier. Check with your carrier for details about roaming in a specific area.

S

Scratch pad

Allows you to enter a number and store it in the Call Log.

Service area

Region covered by a PCS service. Also see "Coverage area."

SMS

Short Messaging Service. An extended service offered by carriers that allows you to receive text messages on your phone. Check with your carrier for details.

Speed dialing

Making a call using Phone Book memory locations. Also see "Phone Book."

T

Touch dialing

A quick way of making a call using a number stored in a Phone Book memory location. Also see "Speed dialing."

Touch-tone

See "DTMF."

V

Voice mail

An extended service, offered by carriers, that allows you to retrieve voice mail messages stored in your voice mailbox. Check with your carrier for details.

Volume

You can adjust the volume of keybeep, ringer, and earpiece.

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