

CDMA PCS Telephone

Operating Instructions

Draft Tuesday, February 09, 1999

CM-ZS300

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Getting Started

Features

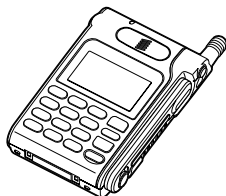
Your Sony D-WAVE Zuma™ phone has many special features to make mobile calling easy and fun. Here are just a few of the features available:

- ❑ **Phone Book:** You can store up to 199 names and up to 400 phone numbers. Use the Jog Dial navigator to easily locate and call your most frequent contacts. See page xx for more information.
- ❑ **Voice Label:** You can record a short message with up to 20 of your phone book entries. You can locate your favorite contacts by hearing a message you've recorded. Using the Jog Dial navigator you can recall a phone number and make a call without ever having to look at the phone. See page xx for more information.
- ❑ **Vibration Ringer:** This convenient feature won't disturb those around you when you're receiving a call. See page xx for more information.
- ❑ **Ringer Options and Melodies:** Choose from a variety of ringer sounds and melodies. You won't confuse someone else's ringing phone with your own when you select a unique ringer. See page xx for more information.
- ❑ **One Touch Ringer Mute:** To instantly mute the ringer as you are receiving a call, just turn the Jog Dial navigator down. See page xx for more information.
- ❑ **Automatic On and Off:** You can have your phone turn on and off at a certain time everyday. This feature allows your phone to “wake up” or “go to sleep” when you want it to. See page xx for more information.
- ❑ **Keypad Lock:** To avoid any accidental operations while you are carrying your phone around, press and hold the Jog Dial navigator to lock the keypad. See page xx for more information.
- ❑ **Phone Lock:** If you have to leave your phone unattended, you can lock it with a security code. See page xx for more information.
- ❑ **Language Selection:** Your phone speaks more than one language. See page xx for more information.
- ❑ **Banner:** Create your own text to display on your phone. See page xx for more information.
- ❑ **Accessories:** Sony Authorized Accessories are available to carry, charge and communicate with your phone. See page xx for more information.
- ❑ **Service Provider Features:** Your service provider may be able to “activate” other special features in your Sony phone. Caller ID and Short Message Services are examples of features provided by many service providers.

Unpacking Your Phone

Your phone package includes the following items. If anything is missing, contact your nearest Sony dealer.

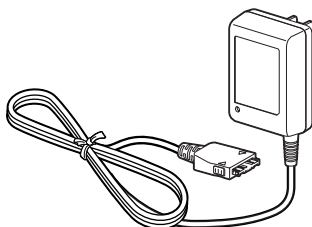
CM-ZS300 Telephone (1)



QN-029BPL Li-Ion Battery (1)

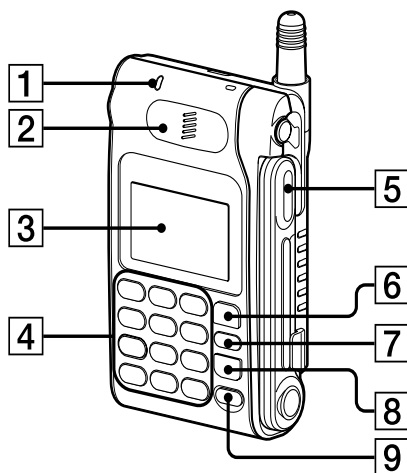


QN-001AC AC Adapter



Additional accessories and different AC adapters may be supplied with phones outside North America. See “Accessories” on page 57 for more information about accessories.

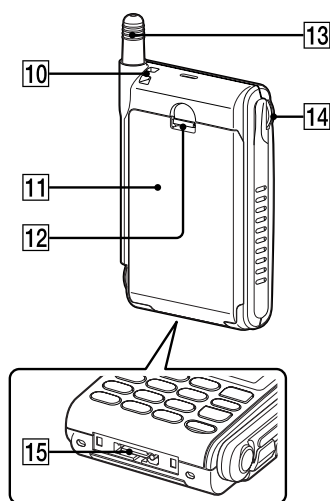
Phone Overview



Telephone (Front)

- | | | |
|---|-------------------------------|---|
| 1 | LED | Lights when there is an incoming call; lights green when charging; lights red when charging is complete. |
| 2 | Earpiece | |
| 3 | Display | |
| 4 | Keypad | Use the keypad to enter numbers. Press and hold a number button for touch dialing. |
| 5 | Folding microphone arm | Open to make / receive a call. Close to end a call. |
| 6 | SEND | Press to make and receive calls when the microphone arm is open. |
| 7 | CLR (Clear) | Press to clear the last digit on the display, or to exit the current menu. Press and hold to clear all digits on the display. |
| 8 | END | Press to end calls or cancel an operation. |
| 9 | PWR (Power) | Press and to turn the phone on or off. |

Telephone (Back and Sides)

**10** Ringer speaker

Allows ringer sounds to be heard.

11 Battery**12** Battery release tab

Push up to remove the battery.

13 Antenna**14** Jog Dial™ navigator

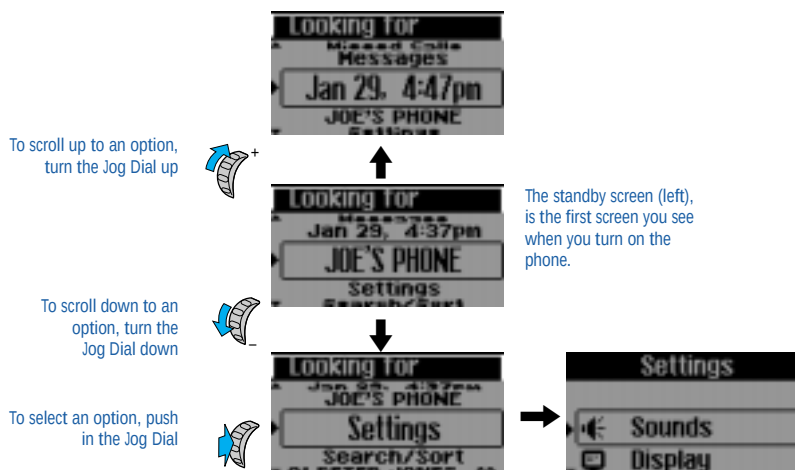
Push and turn to navigate menus and to change settings.

15 Connector

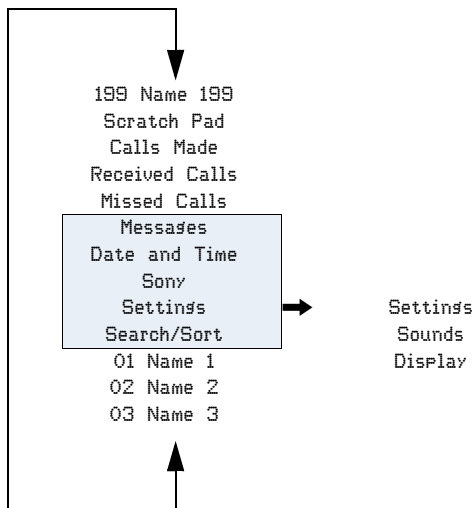
Use to connect the phone to either the AC adapter or to one of the other accessories available for your phone.

Using the Jog Dial

Use the Jog Dial to navigate through the displays, as shown below.

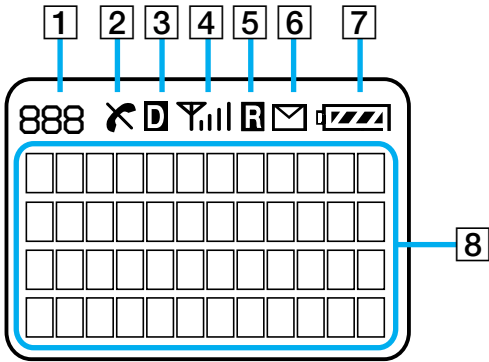


Navigating through the Displays



Display

Icons and text appear on the display to show the status of the phone.



-
- 2** **(in-use)/ (out-of-service)**
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)**
Appears when your phone is receiving a digital signal.
-
- 4** **(signal strength)**
Tells you the approximate strength of the signal being received.
-
- 5** **(roam)**
Appears when you are roaming outside your home service area.
-
- 6** **(message)**
Appears when you have new text or voice mail messages pending. The icon flashes if the new message is urgent.
-
- 7** **(battery)**
Shows the approximate amount of charge power remaining in the battery. Recharge the battery before it is fully discharged.
-

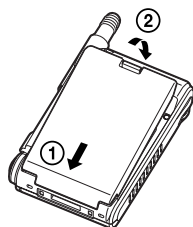
Charging the Battery

Charge the battery before using the phone. A new battery is not fully charged. To charge the battery, attach it to the phone, then connect the supplied AC adapter.

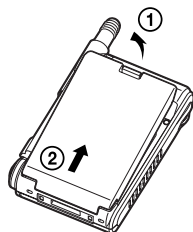
NOTE You can also use the accessories listed on page 57 to charge the battery.

Attaching the Battery

- 1 Hook the battery onto the bottom of the phone ①, and lower the battery down ②.



- 2 Snap the battery in place.

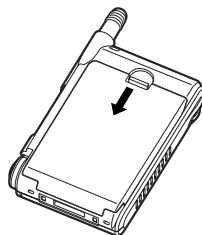


To remove the battery

- 1 Push the battery release tab down.



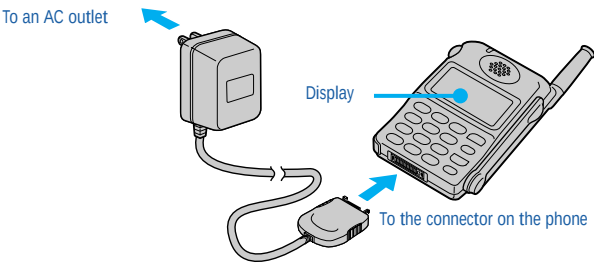
- 2 Lift up the top of the battery ①, and pull it out ②.



Charging the Battery

You can charge the battery using the AC adapter that is supplied with some phones. You can also use one of the accessories listed on page XX to charge your battery.

Connect the AC adapter to the phone and the other end to a standard AC outlet as illustrated below.



When the power is turned on	As the battery charges, the battery icon () pulses and the LED remains green to indicate that the phone is charging.
When the power is turned off	The message Battery is Charging is displayed,  pulses, and the LED remains green.
When the battery is fully charged	The LED turns from green to red and  stops pulsing.

NOTE

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

CAUTION

- Avoid charging for long periods of time, since this reduces battery life.
- Avoid charging in temperatures below 32°F (0°C) or over 104°F (40°C).
- Avoid charging the battery in direct sunlight or in places with high humidity (such as a bathroom).
- Do not use any battery other than the one specified in these instructions.
- Do not expose the battery to temperatures above 140°F (60°C). For example, do not leave the battery in the sun on the dashboard of a vehicle.
- Do not dispose of the battery in a fire or short-circuit it. Doing so may cause the battery to leak or get hot, which could cause personal injury.
- Do not try to disassemble the battery.
- Do not remove the battery while the phone is turned on.

Checking the Battery

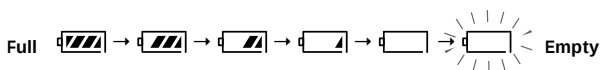
Battery life

A new, fully charged battery lasts approximately as long as described below before it needs to be recharged. Battery life may vary depending on conditions of use.

Standby time	80 hours
Talk time	3.5 hours

Battery status

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, a message is displayed, the LED blinks red, and a beep sounds to indicate the battery is near empty. Shortly thereafter, the phone turns off. To start using your phone again, recharge the battery.

Turning On the Phone

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.

NOTE

For improved improved performance, the phone's antenna extends at a slight backward angle. Do not attempt to straighten the antenna by bending it.

To retract the antenna

Push the antenna down until it is fully retracted.

Turning On the Power

Hold down **(PWR)** until the phone displays **POWERING ON**. The LED turns on and then off, a beep sounds, and the phone starts searching for a signal. When the phone has found a service signal, the standby display appears. Now the phone is ready for 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 will not be able to make or receive a call. If it cannot find a signal after some time, the phone enters a power saving mode. It will "wake up" periodically to search for a service signal.

Turning Off the Power

Hold down **(PWR)** until the phone displays **POWERING OFF**.

Activating the Phone

Before you can begin making and receiving calls, you need to obtain service from a service provider. For information about service providers, check with the dealer from which you purchased the phone.

Using Basic Functions

Making Calls

You can call any number up to 32 digits from within your service area.

- 1 Use the number buttons to enter the number.

If you enter a wrong number	Press CLR .
To clear all entered digits	Press END .
To return to the standby display	Hold down CLR .

- 2 If the microphone arm is closed, open it to dial.
If the microphone arm is open, press **SEND** to dial the number.
- 3 To end the call when you are finished, press **END** or close the microphone arm.

TIP

You can also make calls from the list of saved names and numbers (see page 31) and from the call history lists (see page 38).

Related Functions

To adjust the earpiece volume	During a call, turn  up to increase volume or  down to decrease volume
To mute/unmute the microphone	During a call, push and hold  .
To redial the last number automatically	After a call, on the standby display, press SEND when the microphone arm is open.

Receiving Calls

You can receive calls as long as the out-of-service (✖) icon is not displayed.

When you receive a call, the ringer sounds or the phone vibrates. **Incoming Call** flashes, and the LED blinks.

NOTE

If the ringer is turned off, you will not hear the ringer. **Ringer Off** is displayed. See “Sounds” on page 41 for details.

- 1
- If the microphone arm is closed, open it to answer the call. If the microphone arm is open, press any button (except **PWR**) to answer the call.
- 2
- To end the call, press **END** or close the microphone arm.

Related Functions

To adjust the earpiece volume	During a call, turn  up to increase volume or  down to decrease volume.
To mute / unmute the microphone	During a call, push and hold  .
To mute the ringer while it is ringing	Turn  down.
If caller ID is available	The caller’s phone number appears.
If you missed a call	The message You have missed XX Calls appears. To return to the standby display, press SEND , END , or  . If caller ID was available, the caller’s phone number is stored in the Missed Calls list. (For details, see “Checking Your Call History” on page 37.)

Saving Names and Numbers

Your phone can store up to 199 name entries with up to 400 phone numbers. Name entries can include one or more phone numbers. Each phone number can contain up to 32 digits.

Saving a Phone Number

- 1 On the standby display, use the keypad to enter the phone number you want to save.
- 2 Push .
- 3 Turn to select **Save Number**, and then push .
When **Number Type?** appears, select the type of number that you want to save, as follows:

Type	Icon	Type	Icon
Home		Voice Mail	
Work		Fax	
Pager		Modem	
Cell		Misc	None

- 4 Turn to select the number type, and then push .
When **Under what Name** appears:

To save the number to a new name	Push to select New Name and then follow the procedures under “Saving a New Name” on page 23.
To save the number to a name you already created	Turn to select the name from the list and then push .

NOTE

You can also default number shown in the phone list .. how to change then number or name or which number to show in the display

Entering hyphens and pauses

In addition to digits, you can insert hyphens, time pauses, and hard pauses into phone numbers. (See “To release a pause or link during a call” on page 31 for information on releasing a pause or link during a call.)

Hyphens	When you enter a hyphen manually (for example, when you want to store a number that does not follow the US/Canada standard), autohyphenation is turned off for that number.
Pauses	A time pause (T) automatically sends additional digits about two seconds after a call is connected. A hard pause (H) allows you to send additional digits after a call is connected. For example, you may want to enter a phone number in your phone book as follows: 1-800-555-1212 H 123 . The hard pause character in the phone number allows you to dial the extension 123 after you have reached 1-800-555-1212.

- 1 While entering the digits of a phone number, push .
- 2 To select one of the following, turn and then push .

To Enter	Select	The Display Shows
A hard pause	Insert Hard Pause	H
A time pause	Insert Time Pause	T
A hyphen	Insert Hyphen	–

After inserting a hyphen or pause, the display returns to number entry mode.

Saving a New Name

If you selected **New Name** in step 4 of “Saving a Phone Number” on page 21, use the following steps to create a new name.

1 Use the Jog Dial navigator to enter the name, as follows:

To select a letter	Turn up and down. For a list of available characters, see “Alphanumeric characters” on page 23.
To save the selected letter	Push .
To erase a character you entered	Press ?

- 2 When you are finished, push to store the phone number and name.
- 3 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 location or enter the location number, then push .

Alphanumeric characters

The following characters may be available:

Button	Available Characters	Additional Characters
	- . , & () : 1	to come
	A B C a b c 2	
	D E F d e f 3	
	G H I g h i 4	
	J K L j k l 5	
	M N O m n o 6	
	P Q R S p q r s 7	
	T U V t u v 8	
	W X Y Z w x y z 9	
	0	

NOTE Not all characters may be available in each language. For example, Spanish characters may not be available if the display is set for English.

Editing a Saved Name

You can edit a name you have saved to the phone book.

- 1 On the standby display, turn to select the phone book name that you want to edit.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn to select the name.
- 4 Push .
- 5 Turn to select **Edit Name**, and then push .
- 6 Edit the name, using the same method you used to create the original name. See “Saving a New Name” on page 23).
The old information is overwritten.

Changing the Phone Book Location of a Saved Name

You can move a saved name to a different location in the phone book.

- 1 On the standby display, turn to select the phone book entry that contains the information you want to edit or erase.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn to select the name.
- 4 Push .
- 5 Turn to select **Edit Location**, and then push .
- 6 FEATURE NOT YET IMPLEMENTED ...

Viewing a Saved Number

If a saved phone number is too long to be seen completely on the standby display, you can use the [View Number](#) feature to see the complete number.

- 1 On the standby display, turn [\[Left Arrow\]](#) to select the name that contains the phone number that you want to view.
- 2 Push [\[Right Arrow\]](#).
The contents of the selected name are displayed.
- 3 Turn [\[Left Arrow\]](#) to select the phone number you want to view.
- 4 Push [\[Right Arrow\]](#).
- 5 Turn [\[Left Arrow\]](#) to select [View Number](#), and then push [\[Right Arrow\]](#).
- 6 Push [\[Right Arrow\]](#) when you are finished viewing the number.

Restricting All Phone Numbers Assigned to a Saved Name

You can restrict all phone numbers that are assigned to a saved name. Restricting numbers can be dialed from the phone book only after entering the security code? See “XX” for details about setting a security code.

To restrict a single number assigned to a saved name, see ...

- 1 On the standby display, turn [\[Left Arrow\]](#) to select the phone book name that you want to restrict.
- 2 Push [\[Right Arrow\]](#).
The contents of the selected name are displayed.
- 3 Turn [\[Left Arrow\]](#) to select the name.
- 4 Push [\[Right Arrow\]](#).
- 5 Turn [\[Left Arrow\]](#) to select [Restrict All](#), and then push [\[Right Arrow\]](#).
- 6 When the message [Restrict all #s](#) appears, push [\[Right Arrow\]](#) to select [Yes](#).
Or to cancel the operation, turn [\[Left Arrow\]](#) to select [No](#) and then push [\[Right Arrow\]](#).

A confirmation screen appears, indicating the numbers are now restricted.

NOTES

- The phone number of a restricted entry is displayed only after you enter the lock code.
- Restricted entries are not listed when you search for phone book entries by phone number.
- Cross reference the Security menu?

Restricting One Phone Number Assigned to a Saved Name

You can restrict a phone number that is assigned to a saved name. Restricting numbers can be dialed from the phone book only after entering the security code? See “XX” for details about setting a security code.

- 1 On the standby display, turn to select the phone book name that is assigned the phone number you want to restrict.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn to select the phone number.
- 4 Push .
- 5 Turn to select **Restrict Number**, and then push .
- 6 When the message **Restrict Number** appears, push to select **Yes**.
Or to cancel the operation, turn to select **No** and then push .

A confirmation screen appears, indicating the number is now restricted.

NOTES

- The phone number of a restricted entry is displayed only after you enter the lock code.
- Restricted entries are not listed when you search for phone book entries by phone number.
- Cross reference the Security menu?

Unrestricting All Phone Numbers Assigned to a Saved Name

You can unrestrict phone numbers that you have restricted. See “Viewing a Saved Number” on page 25.

- 1 On the standby display, turn to select the name that contains the restricted numbers that you want to unrestrict.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn to select the name.
- 4 Turn to select **Unrestrict All**, and then push .
- 5 When the message **Unrestrict all #s** appears, push to select **Yes**.
Or to cancel the operation, turn to select **No** and then push .

A confirmation screen appears, indicating the numbers are now unrestricted.

Unrestricting One Phone Number Assigned to a Saved Name

You can unrestrict a phone number that you have restricted. See “Restricting One Phone Number Assigned to a Saved Name” on page 26.

- 1 On the standby display, turn  to select the name that contains the restricted number that you want to unrestrict.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn  to select the **Restricted** number that you want to unrestrict.
- 4 Push .
- 5 CRASH
Now the selected entry is unrestricted.

TIP You can also use the Security menu to restrict/unrestrict names and phone numbers (see “Security” on page 43).

Erasing a Saved Name

You can erase a saved name, including all the phone numbers that are assigned to that name.

- 1 On the standby display, turn  to select the phone book name whose numbers you want to erase.
- 2 Push .
- 3 Turn  to select the name.
- 4 Push .
- 5 Turn  to select **Erase All**, and then push .
- 6 When the message **Erase all numbers** appears, push  to select **Yes**.
Or to cancel the operation, turn  to select **No** and then push .

A confirmation screen appears, indicating the numbers are now erased.

Creating a Voice Label to a Saved Name

You can create a voice label, a short (how long?) recording that you can assign to a saved name. This is useful for?

- 1 On the standby display, turn to select the name that contains the restricted numbers that you want to unrestrict.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn to select the name.
- 4 Turn to select **Record**, and then push .
- 5 Record your voice label by speaking into the mic. How do I know when it's done ...?
- 6 CRASH.

To erase a voice label, select Erase in step 4. (Or should this be separate?)

Changing the Type of a Saved Number

You can change the type of a number you have saved to the phone book. For a list of the phone number types you can save, see “Saving a Phone Number” on page 21.

- 1 On the standby display, turn to select the name that contains the phone number whose type you want to change.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn to select the phone number whose type you want to change.
- 4 Push .
- 5 Turn to select **Change Type**, and then push .
- 6 FEATURE NOT YET IMPLEMENTED, but we could probably cross-reference “Saving a Phone Number” on page 21 for details.

Setting a Saved Number as the Main Phone Book Number

If you have multiple phone numbers assigned to a saved name, one number is designated the “main” number. The main number appears first under the phone book name ... what are the other advantages to being the main?

- 1 On the standby display, turn  to select the name that contains the phone number that you want to set as the main phone book number for that name.
- 2 Push  .
The contents of the selected name are displayed.
- 3 Turn  to select the phone number you want to set as the main phone book number.
- 4 Push  .
- 5 Turn  to select **Set as Main**, and then push  .
- 6 FEATURE NOT YET IMPLEMENTED, .. what happens?

Editing a Saved Phone Number

You can edit a phone number you have saved to the phone book.

- 1 On the standby display, turn  to select the name that contains the phone number that you want to edit.
- 2 Push  .
The contents of the selected name are displayed.
- 3 Turn  to select the phone number you want to edit.
- 4 Push  .
- 5 Turn  to select **Edit Number**, and then push  .
- 6 FEATURE NOT YET IMPLEMENTED, but we could probably cross-reference “Saving a Phone Number” on page 21 for details.

Erasing a Saved Phone Number

You can erase a phone number you have saved to the phone book.

- 1 On the standby display, turn  to select the name that contains the phone number that you want to erase.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn  to select the phone number you want to erase.
- 4 Push .
- 5 Turn  to select **Erase Number**, and then push .
- 6 When the message **Erase** appears, push  to select **Yes**.
Or to cancel the operation, turn  to select **No** and then push .

TIP

- You can also use the the Security menu to erase individual phone book entries or all phone book entries at once (see “Security” on page 43).

Calling a Saved Number

You can quickly locate the names and phone numbers that you have saved. For information on saving names and phone numbers, see “Saving Names and Numbers” on page 21.

Calling a Saved Number

You can use the Jog Dial navigator to easily call phone numbers you saved in the phone book.

- 1 On the standby display, turn  to select the phone book name that you want to call.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn  to select the number you want to call.
- 4 Push .
- 5 Turn  to select **Send Number**, and then push .
- 6 What happens if the mic is closed? If it's open is the call dialed automatically?
The phone dials the number stored in the selected phone book entry.

TIPS

- You can search for a phone number by name or phone book location (see pages XX).
- Whenever the phone number is displayed, you can call it by pushing or SEND or by opening the microphone arm.
- 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. See “XX”.

To release a pause or link during a call

If a phone book entry contains a hard pause, only the digits up to the first hard pause are dialed. To dial the rest of the selected entry (and release the pause), push . For a time pause, wait two seconds. The phone dials the rest of the entry automatically. (See page XX for additional information on pauses.)

Finding a Saved Phone Number

Searching by Phone Book Location

You can find saved phone numbers by entering its phone book location number.

- 1 On the standby display, enter the phone book location number (a maximum of three? digits).
- 2 Push .
- 3 Turn  up to select **Recall Entry**, then push .
The phone number that is saved in the phone book location number you entered is displayed. If the entered location is empty, this is indicated on the display.
- 4 To dial the number, ...

Using a Three-Number Search

You can find saved phone numbers by entering just three numbers of the complete phone number.

- 1 On the standby display, enter at least three numbers of the phone number you want to find.
- 2 Push .
- 3 Turn  up to select **Find Number**, then push .
The phone displays all saved phone numbers that match the numbers you entered.
- 4 Turn  to view a list of entries that contain the numbers you entered.
If a matching phone book entry is not found, this is indicated on the display.
- 5 To dial the number, ...

Speed Dialing

HOW IS THIS DIFFERENT FROM FINDING THE NUMBERS AS IN “Using a Three-Number Search” on page 32. SIMULATOR DOESN’T DO THIS.

To dial quickly, you can enter the phone book 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 microphone arm. If the microphone arm is already open, press SEND .

The phone dials the main phone number that is saved to the phone book location you entered.

Touch Dialing

SIMULATOR DOESN’T DO THIS??? You can dial a saved phone number without pressing SEND. Before using this feature, make sure that Touch Dial on the Misc menu is set to on (see “Touch Dial” on page 45).

- 1 Open the microphone arm.
- 2 Enter the phone book location number using the keypad.
- 3 Hold down the last digit of the phone book location number for about one second.

The phone dials the main phone number that is saved to the phone book location you entered.

Adding a Prefix to a Saved Phone Number

You can use the **Prefix Number** feature to add a prefix to a phone number before dialing. For example, you can add an area code prefix to a phone number you saved as a local phone number.

- 1 On the standby display, turn  to select the phone book name that you want to call.
- 2 Push .
The contents of the selected name are displayed.
- 3 Turn  to select the number you want to call.
- 4 Push .
- 5 Turn  to select **Prefix Number**, and then push .
- 6 Use the number buttons to enter the prefix number you want to add to the phone number .
- 7 Push  to make the call.

Sending Tones

SIM CRASH

Using Fast 4 Dialing

The Fast 4 Dialing feature enables you to quickly call a saved phone number by entering only the last four numbers of the number. For example, to Fast 4 dial the saved phone number 215-555-1212, just enter 1212 on the keypad and then press SEND.

NOTE

Before you can use Fast 4 Dialing the first time, you must first set Fast 4 Dialing to On. For details, see “Fast 4 Dialing” on page 45.

- 1 On the standby display, use the keypad to enter the last four numbers of the saved phone number that you want to call.
- 2 Press SEND.
The complete number is dialed automatically.

NOTE

If the phone finds more than one phone number with the same last four numbers, or if the phone finds no phone numbers with these last four numbers, a message is displayed.

Checking Your Call History

Your phone includes a phone book, in which you can store up to 199 (01–99) phone numbers with names. 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. You can dial stored numbers quickly by recalling them from the phone book (see page 4.9).

Call History

Calling from the Calls List

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

- 1 On the standby display, to select one of the following and then push .

To See a List of	Select
Calls you made	Calls Made
Calls you received	Received Calls
Calls you missed	Missed Calls

Information on the most recent call appears.

- 2 Turn to select the entry you want.
The contents of the selected entry are displayed.
- 3 Open the microphone arm if it is closed. If the microphone arm is open, push twice or press SEND .
The phone dials the selected Calls List entry. The icon appears.

TIP If the selected entry contains a pause or a link, only the digits up to the pause or link are dialed. To release pauses and links, see page 4.6.

Viewing Detailed Information of Calls List 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 above.

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

Changing the Phone Settings

The Settings menus ... description to come

Settings Options

Option	Description
 Sounds (page 41)	Enables you to adjust the volume of the ringer, keybeep, and earpiece. You can also select the type of sounds heard when the phone rings and when you press buttons. You can select to have vibration alert instead of a ringing sound.
 Display (page 42)	Enables you to change the appearance of the onscreen display.
 Security (page 43)	Enables you to restrict unauthorized access to your phone and the information it holds. You can also reset menu settings to default and store emergency numbers. 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.
 Timers (page 44)	Enables you to check call durations. In addition, you can set the phone to alert you every minute of a call, and make the phone turn itself off automatically
 Network (page 44)	Enables you to set how your phone interacts with the cellular network. You can set the phone to alert you when the roaming status changes, when a call is dropped, or when enhanced voice privacy is gained or lost. You can also set how NAM's (Number Assignment Modules) are switched, or set system priorities.
 Miscellaneous (page 45)	Allows you to set the phone to enable touch dialing and to redial automatically. You can also lock the keypad.
Hands Free Kit (page 45)	Allows you to TBD.
Speakerphone (page 46)	Allows you to TBD.
Headset (page 46)	Allows you to TBD.

Displaying the Settings Menu

To access the Settings menu

[This page would be step-by-step instructions on how to access the Settings menu -- maybe a menu map ...]

- 1 Turn  up to select [Settings](#), then push .
- 2 Select one of the following ...
- 3

Sounds

You can use the Sounds menu to adjust the volume of the ringer, keybeep, and earpiece. You can select the type of sounds heard when the phone rings and when you press buttons. You can also select to have vibration alert instead of a ringing sound.

Sound Option	Description	Settings
Ringer Vol	Sets the ringer volume level you hear for incoming calls.	Escalate High Medium Low Vibration Off
Keybeep Vol	Sets the beep volume level you hear when you press keys.	High Medium Low Off
Ringer Type	Sets the ringer sound you hear for incoming calls.	Several ringer options and melodies are available
KeyBeep Type	Sets the beep type you hear when you press keys.	Tones Clicks
KeyBeep Length	Sets the time you can hear the keybeep or touchtone sound.	Standard (approx. 0.1sec) Long (from approx. 0.1 to 15 seconds, depending on how long the key is pressed)
SMS Ringer	Short Messaging Service Ringer	Off On (three beeps when a new message is received) +Reminder (three beeps once every three minutes until any key is pressed)
EarpieceVol	Sets the volume level (1-7) for the earpiece.	1-7

 Display

You can use the Display menu to change the appearance of the onscreen display.

Display Option	Description	Settings
Backlight	Length of time the backlight remains while the phone remains untouched.	for 30 secs for 15 sec for 7 sec Off Always On (available when the phone is attached to a charging accessory)
Auto-Hyphen	When set to On, entered numbers are hyphenated according to the US/Canada standard (eleven digits which include a long distance identifier, an area code, a three-digit community code, and a four-digit location code, for example, 1-800-555-1212).	Off On
Language	Need description. Not all languages are available in all areas.	English Spanish French Portuguese

Security

You can use the Security menu to restrict unauthorized access to your phone and the information it contains. You can reset menu settings to default and store emergency numbers.

Unlike other items on the Settings 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.

Security Option	Description	Settings
Lock Phone	Enables you to 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.	On Power-up On Off
Restrict #	Enables you to restrict access to individual Phone Book entries. For information about using the Restrict # feature of the Security menu, see “Restricting One Phone Number Assigned to a Saved Name” on page 26.	
Restrict Book	Enables you to restrict access to all Phone Book entries. All operations that involve Phone Book entries require the four-digit lock code (see page 5.16).	Off On
Erase Book	Enables you to erase all Phone Book entries at once.	
Erase Calls	Enables you to erase all Call List entries at once.	Calls Made Received Calls
Emergency #s	Enables you to store up to three emergency numbers other than 911 (which you cannot erase). You can call these numbers even when the phone is locked.	
New Code	The lock code must be entered every time you want to unlock the phone, and also when you want to access restricted numbers.	
Master Reset	Resets all settings.	

 Timers

You can use the Timers menu to check call durations. In addition, you can set the phone to alert you every minute of a call.

Timer Option	Description	Settings
Total Calls	You can view the total duration of all calls. This information cannot be reset.	
Recent Calls	Enables you to view the total duration of the most recent calls. This information can be reset.	
Roam Calls	You can view the total time of calls made while roaming. This information can be reset.	
Minute Alert	Enables you to set the phone to alert you ten seconds before every full minute during a call.	Off On

 Network

You can use the Network to set how your phone interacts with the cellular network. You can set the phone to alert you when the roaming status changes, when a call is dropped, or when enhanced voice privacy is gained or lost. You can also set how NAM's (Number Assignment Modules) are switched or set system priorities.

Network Option	Description	Settings
Roam Alert	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.	Off On
Drop Alert	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.	Off On
Privacy Alert	Some networks and service providers offer the feature of enhanced voice privacy. This feature encrypts transmissions to and from your phone for added privacy. A display appears to indicate if enhanced voice privacy is lost or gained during a call. You can choose to have an audible alarm accompany this display.	Off On

Misc

On the Miscellaneous menu, you can set the phone to enable touch dialing, and to redial automatically. Also, you can use this menu to lock the keypad.

Option	Description	Settings
Key Guard	Disables the keypad.	
Touch Dial	When set to On, enables you to hold number keys to dial Memory locations.	Off On
Auto-Retry	When set to On, the phone automatically attempts to redial a call every three seconds (for up to five attempts) if the initial call was unsuccessful.	On Off
Fast 4 Dialing	Where does this appear in menu?	On Off

Hands Free Kit

Description to come.

Option	Description	Settings
Ringer Vol	TBD	High Medium Low Off
Keybeep Vol	TBD	High Medium Low Off
Speaker Vol	TBD	1-7
Backlight	TBD	Always On for 30 secs for 15 sec for 7 sec Off
Auto Answer	TBD	On Off

SpeakerPhone

Description to come.

Option	Description	Settings
Ringer Vol	TBD	High Medium Low Off
Keybeep Vol	TBD	High Medium Low Off
Speaker Vol	TBD	1-7
Backlight	TBD	Always On for 30 secs for 15 sec for 7 sec Off

Headset

Description to come.

Option	Description	Settings
Earpiece Vol	TBD	1-7
Keybeep Vol	TBD	High Medium Low Off

Customizing Your Phone

Date/Time

Using the Clock

Setting the Alarm Clock

Setting the Banner

You can change what the banner reads.

- 1 Push to select Banner from the standby screen.
The Banner display appears. The current banner text is displayed.
- 2 Push again to start editing.
A message appears, asking 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 4.2.
- 4 Push to save the new banner.
Your new banner is displayed.

Using the Scratchpad

Your phone has a scratchpad feature, which is useful for writing down phone numbers temporarily. The phone doesn't send DTMF tones when you enter digits to the scratchpad.

- 1 Turn to select Scratch Pad, then push .
- 2 Use the keypad to enter the digits.
- 3 Push .
- 4 Turn to select [Store&Exit](#) , then push .
The information is stored as a scratchpad entry.

Using Short Messaging Services

This section contains information on the Short Messaging Service (SMS). This feature may allow you to receive voice or text messages. 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 surrounded 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.
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TIPS

- If you receive duplicate messages, the phone deletes the older one and stores the new one with the indication DUPLICATE .
- If the ringer volume is set to vibration , the phone emits a vibration instead of an audible ring when you receive a message.

Checking Message Storage Capacity .

Voice mail messages	Voice mail messages are stored remotely by your service provider. Your phone will simply notify you if you have any voice mail messages. Check with your service provider to find out the maximum number and length of voice mail messages that can be stored.
----------------------------	--

Text messages and pages	A text message must contain at least one character, and can be up to 200 characters long. The number of messages that can be stored depends on the size of the messages. You can store approximately 12 large messages or 45 small messages.
--------------------------------	--

NOTE

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

If the memory becomes full	The phone issues a warning when the memory is almost full. At this point, you should erase expendable messages (see page 5.6). 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

- ❑ Push twice from the standby display.
The Message menu appears, indicating the number of the following types of messages, respectively:
 - ❑ Voice mail messages (see below).
 - ❑ Unread text messages and pages (see page 5.4).
 - ❑ Text messages and pages that you have already read but are still stored in memory (see page 5.4).

Reading Voice Mail Message Notifications

Contact your service provider to find out how to listen to your voice mail messages, if this service is available. You may be able to view information about any voice mail messages you have received, such as the caller's phone number.

- 1 Push to select voice from the Message menu.
The Voice display appears, indicating the number of voice messages stored in your voice mailbox. Press CLR to go back to the Message menu.
- 2 Turn to scroll through the voice mail message notification.

To dial a callback number

If a voice mail message notification contains a callback number, you can quickly return that call.

- 1 After reading a voice mail message notification, open the microphone arm if it is closed. If the microphone arm is open, push to see the Options menu.
- 2 Push again to dial the callback phone number.
The phone dials the callback phone number which is attached to the message.

TIP In addition, you can dial the callback number by pressing SEND from the Messages display or when reading a voice mail notification message if the microphone arm is open.

To erase a voice mail message notification

- 1 After reading a voice mail message notification, push .
The Options menu appears.
- 2 Turn to select **Erase Msg**, then push .
The voice mail notification message is erased. The Message menu reappears, indicating that there are currently no voice mail notification messages stored in memory.

Reading New Text Messages

You may be able to read text messages received by your phone. Check with your service provider to see if this service is available. Urgent messages are listed above non-urgent ones, with the most recent entries first. After you view a new text message, it is saved as an old text message. You can protect or erase messages using the Old Text Messages menu.

- 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. Push to return to the Message menu.
- 2 Turn to scroll through the message.
If you do not scroll, the display automatically scrolls down.
- 3 While viewing a message, push to go to the next text 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 When you have finished viewing a new text message, it is stored as an old text message.

Reading Old Text Messages

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 5.5). If a number 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.
- 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 read the previous message, push to go to the Options menu, then select Prev 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 respond to a text message

- 1 After reading a text message, open the microphone arm if it is closed.
- 2 If the microphone arm is open, 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 microphone arm, or pressing **SEND** when the microphone arm 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.
See the "Alphanumeric table" on page XX for information about entering characters.
- 4 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 .

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 Old Text Messages [F14]

- 1 Turn - down to select Erase Old from the Message menu, then push .
The Erase Old menu appears.
- 2 Press 1 to erase old messages.
All unlocked old messages are erased. 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.

TIP To erase a locked message, select Erase Msg from the Options menu of that message.

Additional Information

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.	
The out-of-service icon () appears.	• The phone is outside the service area, or the signal is too weak. Extend the antenna fully.	
Nothing happens when you press the buttons.	• The buttons may be locked. • The phone may be locked. Enter the lock code to unlock the phone.	
The call does not go through.	• 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.	
You can hear the other party, but the other party cannot hear you.	• The microphone may be muted. Unmute the microphone.	
You hear the other party only faintly.	• Adjust the earpiece volume. If possible, also reduce the noise around you.	
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" above.	
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.	
You forgot the lock code.	• Try 0000 or the last four digits of your own number. • See your service provider or authorized dealer.	
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.	

Problem	Cause/Remedy	Page
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.	

Accessories

Supplied Accessories

Additional accessories and different AC adapters may be supplied with phones outside North America.

to come

International Accessories

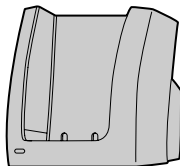
to come

Optional Accessories

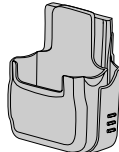
Rapid Charging Cigarette
Lighter Adapter
(QN-008CLA)



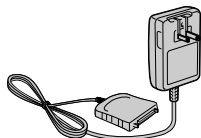
Dual Slot Battery Charger
(QN-021BCD)



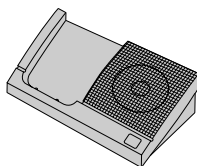
Phone Holster
(QN-026HS)



Travel Adapter
(QN-009TA)



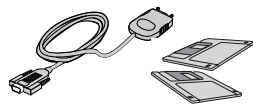
Desktop Charger
Speakerphone
(QN-023DCS)



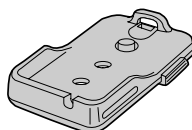
Carrying Case
(QN-027LC)



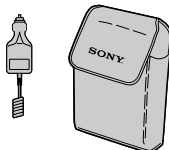
Fonebook PLUS Software
with Interface Cable
(QN-012DAS)



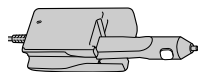
Auto Travel Holder
(QN-024HC)



Starter Kit
(QN-028SKT)



Combination Travel
Adapter / Cigarette Lighter
Adapter
(QN-020TCL)



Portable Hands-Free Car
Kit (QN-025PHK)



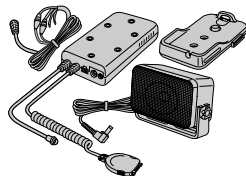
Li-Ion Battery Pack
(QN-029BPL)



How to Purchase Accessories

Call 1-800-488-SONY (7669) to order additional accessories (USA only). All accessories may not be available at press time. Some accessories may not be available outside the United States.

Hands-Free Car Kit
(QN-030HFK)



Specifications

Frequency Range	Transmit	1851.25 to 1908.75 MHz
	Receive	1931.25 to 1988.75 MHz
Dimensions	3.9 x 2.5 x .8 inches (h / w / d) (95 x 63 x 21 mm) (not including antenna)	
Mass (Weight)	4.8 oz. (136 g) (including battery)	
Operational Temperatures	Phone	-22°F to 140°F (-30°C to 60°C)
	Battery (operating temperature)	-4°F to 140°F (-20°C to 60°C)
	Battery (charging temperature)	32°F to 104°F (0°C to 40°C)

Design and specifications are subject to change without notice.

Rules and Regulations

The U.S. Federal Communications Commission and the Industry Canada regulate cellular telephone service in their respective countries. It is important for you, the cellular telephone user, to observe the applicable regulations when operating your cellular 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 cellular carrier's tariff (the rates, terms, and conditions of its service). If you wish to use your cellular telephone in both the U.S. and Canada, please consult with your System Operator.

Furthermore, you should remember that your cellular 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 cellular carrier (System Operator).

License - If your home system is in the U.S., you do not require a separate license to operate your cellular telephone; obtaining a cellular 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 cellular telephone on both sides of the border, please contact your cellular carrier (System Operator).

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

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

Denial of service - A cellular 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 cellular 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.

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 CDMA 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 1988 MHz. When you use your phone, the cellular system handling your call controls the power level at which your phone transmits.

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 cellular 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 cellular 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 cellular 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 aircraft communication 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 bill.

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.

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

In Canada, vehicles using liquefied petroleum gas (such as propane or butane) must comply with the Canadian Gas Association (CAN / CGS-B149.2).

For a copy of this standard, contact the Canadian Standards Association, 178 Rexdale Blvd., Etobicoke, ON M9W 1R3, Attn.: Standard Sales Department.

Heat and Sunlight Exposure

Avoid leaving your phone exposed to direct sunlight or extreme heat. Extended exposure to heat and / or sunlight may damage your phone.

Battery/Legal Statement

[back cover]

800 Numbers/Web Address

