

USERS MANUAL INFORMATION

1. A preliminary draft copy of the users manual follows:

Note: This preliminary English version of the manual does not contain graphics. It is text only. The RF safety and antenna installation sections are on page 8.

MOTOROLA

CMR 2100 – General View

Welcome!

Thank you for choosing MOTOROLA / a global leader in communications technology.
All MOTOROLA cellular phones are designed and manufactured to meet MOTOROLA's
exacting specifications and world-class quality standards.

The CMR 2100 is no exception to this rule. This car phone successfully passed reliability trials,
such as temperature, humidity, vibration, dust, shaking, and dropping.
With the CMR 2100 car phone you are guaranteed a superior product.

Always at your service
MOTOROLA

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What's new?

The CMR 2100 car phone is an innovative product incorporating the CDMA advanced digital technology, which offers the following new features:

Mini Browser WAP

The browser permits fast and easy access to personal information services* such as weather reports, sports results, traffic reports, etc.

Expanded phonebook

Your phone contains 99 memory locations, in each of which you can store up to 4 phone numbers.

Data transmission support system

Your phone supports a data transmission system*, using data transfer software such as Hyper Terminal, and a data cable. This feature permits data transmission and synchronization between your phone, a desktop computer and a laptop computer.

Real time clock

The digital CDMA system currently updates in real time the clock appearing in the display.

Personal banner

You can create your own message banner (up to 12 characters long) by using the Change Banner feature, which will be displayed by the phone when it is idle (see page ____).

Messages menu

Viewing the call ID*, using voice mail messages*, and reading test messages* is very easy with the aid of the special messages key [**]. (see page ____).

* Contact your Service Provider for availability.

Caller ID name

If Caller ID* is active on your phone you will be able to see who is calling before you answer. The display will show your caller's name if it is in your phonebook.

Large display screen

Very wide alpha numeric LCD display, with 4 rows of text and 2 rows of menu indicators.

The smart button

Using the smart button you can do the following:

- Operate the phone with one hand

- Store information
- Recall a number, dial a number, end a call, etc.

Updating the phonebook from a computer

If the MOTOROLA data connecting kit* is installed in your car you can transfer names and phone numbers between your PC and the CMR 2100 (in both directions), using the Phone Synchronizer software.

* Contact your Service Provider for availability.

Major features

The CMR 2100, which is one of the most sophisticated cellular phones currently available, offers you a range of features suited to your life style. This sophisticated digital phone can help you to:

- Redial automatically if the number is engaged
- Receive a call discreetly through the earpiece
- Dial easily and quickly using the Turbo Dial keys
- Use browser services which provide fast access to personal information services
- Connect to the data kit which provides options of sending data, etc.
- Use the integral speakerphone kit
- Recall phone numbers using the internal phonebook
- Monitor length of calls using a range of call counters
- Adjust the ringer style to the type you wish
- Large, easy to use keypad in Hebrew and English
- Large, easy-to-read display

As you get to know the CMR 2100 you will discover more and more important and easy-to-use features.

Safety Information

IMPORTANT: Read this information before using your wireless mobile phone.

Exposure to Radio Frequency Signals

Your wireless mobile telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

International agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrotechniker (VDE) DIN-0848
- United States Federal Communications Commission, Radio Frequency Exposure Guidelines (1996)
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95. 1-1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Ministry of Health (Canada), Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the updated ANSI standard .

The design of your phone complies with these standards when used as described under "Phone Operation."

Antenna Installation Guidelines

Important:

To meet the FCC's RF Exposure guidelines and satisfy the categorical exclusion requirements for mobile transmitters, the antenna must be installed so there is at least 20 cm of separation between the antenna and both the occupants of the vehicle and bystanders outside of the vehicle. In addition, total antenna gain must not allow the transmitted ERP to exceed 1.5 Watts.

Antenna Care

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

Phone Operation

Carry Configuration

Do not operate your mobile telephone when a person is within 4 inches (10 centimeters) of the antenna. A person or object within 4 inches (10 centimeters) of the antenna could impair call quality and may cause the phone to operate at a higher power level than necessary and expose that person to RF energy in excess of that established by the FCC RF Exposure Guidelines.

Mobile Configuration

Do not operate your mobile telephone when a person is within 8 inches (20 centimeters) of the antenna. A person or object within 8 inches (20 centimeters) of the antenna could impair call quality and may cause the phone to operate at a higher power level than necessary and expose that person to RF energy in excess of that established by the FCC RF Exposure Guidelines.

Driving

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

- Give full attention to driving--driving safely is your first responsibility.
- Use hands-free phone 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 signals. However, certain equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a wireless phone's antenna and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should ALWAYS keep the phone more than 6 inches (15 centimeters) from their pacemaker when the phone is turned ON
- should turn the phone OFF immediately if you have any reason to suspect that interference is taking place

Other Medical Devices

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

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

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

Blasting Areas

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

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Potentially Explosive Atmospheres

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

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for example, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Overview

See illustration on front page

Signal strength

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

Alpha numeric display

Status indicators

Volume keys

The upper and lower keys enable you to adjust the keypad, the ringer and earpiece volume. In addition, you can use them to browse through memory and scan the menus.

The smart button

The smart button [MENU] permits you to recall information from memory, to place and end a call, to select features, to operate them and to cancel them. The [**] sign on the display indicates the smart button.

Overview

See illustration on front page

[**] Messages key – Opens the messages menu

Real time clock – The clock is automatically displayed when you are in area of full CDMA digital system coverage.

Function keys

[PWR] Turns the phone ON and OFF

[FCN] Acts as a "shift" key to access the secondary functions of other keys

[RCL] Recalls information from memory

[STO] Stores values in memory

[SCL] Clears characters from the screen

[END] Ends phone calls and exits the menu

[SEND] Places or answers calls

[←*] and [#→] can be used to scroll through memory entries and menu features

Microphone

Loudspeaker

Using the phone

Turning the phone ON and OFF

The following pages will explain how to use your phone. We recommend reading the instructions at least once. If you want to learn about several useful and fast features, go to the chapter on "using memory".

To turn your phone ON press [PWR].

To turn the phone OFF press [PWR] again.

Power up display

Once activated, every time you turn your phone ON, it performs a short self-test to make sure it is operational. On completion of the self-test the message "Ready"* appears on the display.

[picture] [Ready]

Most users prefer that the cellular phone is switched ON and OFF by the vehicle ignition switch. If you wish to operate the phone independently of the switch, inform the installer of the phone of this.

It is recommended to run the engine when using the phone.

* If the banner has not been changed in your phone (see page ____).

Using the smart button

The smart button [MENU] simplifies use of the CMR 2100 and enables you to dial, end a call, enter the menu and operate or cancel features, and select items from the display.

The central location of the smart button facilitates easy use.

The sign [**] which appears on the display indicates the smart button.

Use the smart button to:

Select items in the menu

The basic function of the smart button is to select. Whenever the phone offers you a choice, such as setting a ringer style, press the smart button to make the choice best meeting your needs.

Turning features ON and OFF

You may turn phone features ON and OFF. Use the upper or lower volume key to scroll the menu till you reach the desired feature. Then press the smart button to turn the feature ON or OFF.

Using the smart button

Entering the menu system

Press [FCN] then press [MENU] to enter your phone's menu system.

Placing calls

1. Enter the number you want to call (including area code), e.g. 5551234.
2. Press and hold [MENU] to place a call. You will see:
DIALING
5551234

Ending calls

1. Press and hold [MENU] until you hear a dual tone.
You will see: To end call press [**]
2. Press [MENU] again to end the call.

Reading the indicators

[diagram]

1. Signal strength

Displays the strength of the connection between your phone and the wireless network. The more lights that come on, the greater is your chance of making and receiving calls. If no signal strength lights come on, this means you are in an area in which it is impossible to make phone contact.

2. Real time clock

When your phone is on a CDMA digital network, the display shows the current date and time transmitted to the phone by the system. You can set your clock for 12 or 24 hour format. See page ____ for more information.

3. In use

Appears when a call is in progress.

4. Roam

Lights up when your phone accesses a wireless service outside of your home system. When you leave your wireless service area, your phone roams (seeks another wireless system).

5. No service

Appears when your phone is located in an area in which the cellular signal strength is weak. When this indicator appears, calls cannot be placed or received from your location.

6. Message

Appears on the display during an incoming call ID* or an alpha numeric text message or (if supported by the system) when you have received mail in your voice mailbox. It will disappear after you have checked all messages (call ID, text message, voice mail).

7. Voice mail

Indicates that you have received a voice mail message in your voice mailbox. It will disappear after you have checked your voice mail.

8. Digital

Indicates that your phone is receiving a digital EVRC channel giving improved voice quality.

9. Silent mode

Indicates that all of your phone's tones are silenced (OFF).

* Contact your Service Provider for availability.

Placing and ending calls

First check that your phone is ON and is ready to dial.

1. Enter number
Enter the number you want to call, for example
5551234
correct errors
Press [CLR] to erase one digit at a time if you make errors.
Press and hold [CLR] to erase the entire entry and start again.
2. Press and hold [MENU] until you hear a dual tone, or press [SEND] to call.
You will see:

Dialing
03 5551234

You can dial phone numbers with up to 32 digits, but only the last 24 digits will appear in the display. Press [RCL] to see the rest of the number.

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

Ending a call

Press [END] to end a call, or

Press and hold [MENU] until you hear a dual tone.

You will see

To end call press [**]

Press [MENU] again to end call.

Tip: If you press [SEND] without entering a number, your phone will dial the last number entered.

Receiving calls

The phone must be ON to receive calls.

To receive a call:

1. Enter [SEND] when the phone rings.
To end a call:
Press [END] to end the call, or
Press and hold [MENU] until you hear a dual tone.
You will see: Press [**] to end call
Press [MENU] to end call.

2. If you wish to make the call using the handset, press simultaneously the pair of buttons on the handset holder to release the handset.

To end the call press [END] and replace the handset.

Unanswered call indicator

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

"2 calls unanswered".

Press [CLR] or [END] to clear the display, and you can begin placing calls again.

Displaying user's phone number

To display the phone number, press [RCL] followed by [#→].

Tip: If you subscribe to Caller ID, you can easily return the calls that you missed. See page ____ to learn how.

Tip: In order to make it even easier to receive calls try the multiple key answer feature on page ____.

Receiving calls

Caller ID

If Caller ID* is active in your phone, you will be able to see who is calling before you answer. The display will show your caller's name if it is in your phonebook. If not, the display will show your caller's number. If you prefer to always see your caller's number, see page ____ to turn the number preference ON. The Caller IDs for your last 16 callers will be saved. See page ____ to learn how to view your stored Caller IDs.

* Contact your Service Provider for availability.

Receiving calls

Ringer Alert Suppress

If an incoming call catches you by surprise, you can silence the alert using the upper or lower volume keys. The caller will still hear ringing and you can still answer the call by pressing [SEND].

Unanswered call indicator

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

"2 calls unanswered".

Press [CLR] or [END] to clear the display, and you can begin placing calls again.

Call Waiting

If you subscribe to Call Waiting through your service provider, you may hear a tone while on a call, indicating that you are receiving a second call.

Press [SEND] to answer the call and automatically place the current call on hold.

Redialing

Auto redial

The wireless system may at times be too busy to handle your call. If this is the case, you may hear a fast busy signal. With Automatic Redial, your phone will repeat the call attempt over the next four minutes. A single ring will indicate renewal of telecommunications.

Note: This feature is not intended for redialing in the case of a regular busy signal. In such a case you should hang up and redial.

1. Press [MENU] or [SEND] on hearing a fast busy signal.
You will see: Redialing
If the 4 minutes were not enough:
2. Press [MENU] or [SEND] to renew attempts for automatic redialing.
You will see: Press SND for redialing.

Redial

If you hear an ordinary busy signal, do the following:

1. Press [END] to hang up.
2. Press [MENU] or [SEND] to redial the last number.
(*** indicates the number being dialed).

You can also program the phone for automatic redialing without having to push a button, by turning on Auto Redial.

Tip: Your phone's scratchpad automatically remembers the last number entered. See page ____

Redialing

Display last ten numbers dialed.

This feature permits dialing any of the last ten numbers dialed.

1. Enter list

Press [RCL] and then [0], [0]. The display will show the last number you dialed.

2. Review list

Press [↑] or [↓] to scroll through the last calls made, starting from the last number. For example:

You will see:

[display]

3. Call number

Press and hold [MENU] or press [SEND] to dial the number in your display. (***** indicates the number being dialing).

You will see:

Calling

Tip: This feature is also available through the Quick Menu. See page ____.

Tone controls

Adjusting earpiece volume

The upper and lower volume keys are used for adjusting the earpiece and ringer volume separately. As you press these keys, a continuous tone will be heard at the new volume level.

The earpiece volume may only be adjusted during a call. The keypad volume may be adjusted during standby:

1. Press [↑] or [↓] to increase or decrease the earpiece volume.

High keypad volume

Low keypad volume

Adjusting ringer volume

To adjust ringer volume:

1. Press [FCN].

2. Press [↑] or [↓] to increase or decrease the ringer volume

[Ringer volume]

Tone controls

Muting the microphone

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

Mute phone

Press [FCN] then [6] to mute the microphone.

You will see: Muted

Unmute phone

Press [FCN] then [6] to resume your conversation.

Your phone and its shortcuts

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

The quick menu

Press the smart button, and the quick menu opens on the display. The quick menu contains shortcuts to your phone's most popular features, such as phonebook, messaging, launch browser*, last 10 number dialed, and main menu.

Press the volume keys to scroll through the options and press the smart button to choose one.

Enter menu: Press [FCN] then [1] to enter the main menu.

Lock phone: Press [FCN] then [5]. You will see: Lock?
Press [STO] to lock.

Mute phone: Press [FCN] then [6] to toggle mute ON and OFF during a conversation.

* Contact your Service Provider for availability.

Using memory

Do you have places to go and people to see? Too many phone numbers to remember? Let your phone remember them for you. The internal phonebook has 99 locations and each allows you to

store up to 4 numbers per location. That way you can store hundreds of phone numbers for easy access on the go!

In this chapter we will explain how to:

- Store names and numbers in the phonebook
- Recall phone numbers from memory
- Dial in a flash with the super speed dial and turbo dial functions

Note: Follow these symbols as a guide for using the volume keys.

Making the most of memory

Tip: If you purchase a MOTOROLA data Connectivity Kit, you can easily transfer data between your phone and computer. See page ____.

Numbered 01-99, each memory location allows you to store a name and as many as four phone numbers. To help you find the right number, when you store the number you assign it an icon, such as work, home, mobile, etc.

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

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

Storing names and numbers

It is a good idea to use the internal phonebook of your cellular phone to store names and phone numbers in the memory. With a little practice, you will see how easy it is.

1. Enter number
Enter the phone number you want to store (including area code).
2. Press [STO] to begin storing. You will see: Location XX?
3. Enter location
Enter the two digits of the location you choose
Or
Enter [←*] to automatically store in the next available location
Or
Enter [CLR] to erase the location number and enter a new two-digit location number.
You will see: Location --
Or

Enter a digit and press [←*] to store in the next available location beginning with that digit.

4. Choose label: Press [↑] or [↓] to scroll through the icons. From left to right: Work, home, mobile, pager, fax, or other.

Press [MENU] or [STO] to select the highlighted icon.

5. Store more

You will see: Enter next number. Enter up to 4 numbers per location. Press [STO] when you have finished entering numbers.

Tip: Always store your voice mail number in location 98.

Tip: The [**] symbol in your display represents the smart button.

6. Enter name

Enter a name to identify the phone number, or skip this stage and go to stage 7. You will see: Alpha or Press [**]

7. Press [MENU] or [STO] when you have finished entering the name. Your phone will confirm by displaying the quantity of numbers stored and the number of the location where they are stored.

Entering names

When the display shows Alpha or Press [**], you can use the keypad to produce any letter in the alphabet. Use the letters printed on the key as a guide. For example, press [2] to insert A, B, or C as shown:

Press 1 time to insert an A

Press 2 times to insert a B

Press 3 times to insert a C

Press 4 times to insert a 2

To enter a name into the phonebook:

1. Enter letter

Press a key as many times as necessary to enter a letter. The next letter on the key will appear with each press.

Toggle case: Press [↑] or [↓] to switch between upper and lower case.

2. Advance cursor

Press [#→] to advance the cursor to the next space.

Press [←*] or [CLR] to erase a letter if you make a mistake.

3. Enter marks

Press [1] to scroll through the available punctuation marks:

<space>1.@/,:? !-_#*"\$%&+;= \ () < > []

4. Finish storing

Enter up to 24 letters, including spaces. Press [**] or [STO] when you are finished.

Tip: Press the upper or lower volume keys to switch between upper and lower case letters.

Recalling from memory

Recalling by name

Once you have stored entries, you can recall them alphabetically, and immediately place calls. Press the smart button twice to enter the phonebook.

1. Enter
Press [MENU] twice to enter your name directory.
2. Scroll to name
Press [↑] or [↓] to scroll the name you are looking for.
Or search for name.
Enter the first letter of name. The display will show the name and location of the first entry beginning with that letter and an icon for each number stored in the entry (up to four).
3. Select entry
Press [MENU] to select the entry for the displayed name. You will see the first number stored in the location.
4. Choose number
Press [↑] or [↓] to scroll through the numbers stored in that location. The selected icon will be highlighted.
5. Place call
Press and hold [MENU] or press [SEND] to call the number selected. You will see:
Calling 3125551234
6. End call
Press [END], or
Press and hold [MENU] till your hear a dual tone. You will see: Press [**] to end call.
Press [MENU] again to end the call.

Tip: See page __ for entering letters.

Recalling from memory

Recalling by memory location

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

1. Begin
Press [RCL] to begin recalling.
 2. Enter location
Enter the two-digit memory location of the entry you are looking for.
 3. Select entry
Press [MENU] to select the displayed entry. You will see the first number stored in the location.
 4. Choose number
Press [↑] or [↓] to scroll through the numbers stored in that location.
 5. Place call
Press and hold [MENU] or press [SEND] to call the number. You will see: Calling
 6. End call
Press [END] to end the call, or
Press and hold [MENU] until you hear a dual tone. You will see: Press [**] to end call.
Press [MENU] again.
-

Erasing memory entries

Clearing an entire entry

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

To erase a memory entry:

1. Enter
Press [MENU] twice to enter your name directory.
2. Scroll to name
Press [↑] or [↓] to scroll to the name you are looking for.
3. Clear entry
Press [CLR] to clear the entry. You will see: Delete?
4. Confirm erase
Press [STO] to confirm that you want to erase the entry.

Clearing a single number

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

1. Enter
Press [MENU] twice to enter your name directory.
2. Scroll to name

Press [↑] or [↓] to scroll to the name you are looking for.

3. Choose number

Press [MENU] to select the entry, then press [↑] or [↓] to scroll to the icon of the number you would like to delete.

4. Clear entry

Press [CLR] to clear the entry. You will see: Delete?

5. Confirm erase

Press [STO] to confirm that you want to erase the entry.

Recall shortcuts

Super speed dial

If you know the memory location of the number you wish to call, you can use the super speed dial function.

1. Enter location

Enter the two-digit memory location (01–99).

2. Place call

Press and hold [MENU] or press [SEND] to call the number you selected. You will see: Calling 3125551234

Turbo dial

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

Press and hold the memory location number of the entry you want to call [1] through [9], and your call is placed. You will see: Calling 3125551234

Keep in mind: If more than one number is stored in the location, your phone will dial the first. To change which number is dialed with Turbo dial, see changing dialing shortcuts on the next page.

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

Recall shortcuts

Changing dialing shortcuts

If you have more than one number in a memory location you can choose which number you would like to use with the dialing shortcuts, including the Turbo dial keys and Super speed dial feature.

1. Enter

Press [MENU] twice to enter your name directory.

2. Scroll to name

Press [↑] or [↓] to scroll to the name you are looking for and press [MENU] to select.

3. Select number

Press [↑] or [↓] to scroll to the number you want to make the dialing shortcut for that location and press [STO] to select. You will see: Edit number.

4. Select SET

Press [CLR]. You will see: Set speed dial. Press [STO] to select.

5. Set

Press [STO] to set that number as the dialing shortcut. You will see: Set.

Scratchpad

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

1. Enter number

Enter the number with the keypad. (The person on the line will hear tones as you dial.)

2. Store number

Press [STO] and continue with step 3 on page ____.

or End call

Press [END] to end you current call if necessary.

and Place call

Press [SEND] to call the number in the scratchpad.

Pause dialing

Your cellular phone is equipped with tone dialing used for accessing voice systems, operating answering machines, etc. In general these services are performed in two parts: The number is first dialed from the memory location or using the keypad, and after hearing the reply the remaining digits are sent. Pause dialing can make using automated systems easy by allowing you to store these numbers in the same memory location as the automated system's access number. Separate each set of numbers with a "pause" – a special character that tells your phone to wait before sending additional numbers.

In order to use pause dialing, recall the number from the memory location, and press and hold the smart button, or press [SEND] to dial. Listen for the automated message requesting you to enter the next group of digits. Press the smart button or [SEND] in order to send the next group of digits. Repeat this procedure as many times as is necessary to send all the digits.

Storing a number with pulse dialing

1. Enter number

Enter the phone number you use to access the automated system.

2. Insert pause

Press [FCN] and then [SEND]. You will see: Insert Pause o. Press [MENU]. You will see a pause circle o inserted into the number entry.

3. Enter numbers

Enter the next group of numbers, for example the number of the voice mail box. In the automated system requires a * or #, enter these symbols too.

4. Insert pause

Enter an additional pause followed by the next group of numbers, by repeating steps 2–3. After you finish entering the entire group, store it in memory in the same way as you would store any other number.

5. Press [STO] to start storage.

6. Enter memory location

Enter a two-digit memory location and select an icon you prefer, such as home, mobile, fax,

Press [CLR] and enter a name, and then press [STO] or the smart button to end. Your phone will confirm the entry by displaying the information you stored.

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

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

Using pause dialing

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

1. Place call

Enter the two-digit memory location of the pause dialing number.

2. Press and hold [MENU] or press [SEND]. Your phone will dial the access number and wait for your input when it reaches the first pause.

3. Send more numbers

When the automated system prompts you for information, press [MENU] or [SEND] to send the next group of numbers. Repeat this step to send each group of numbers that you have stored.

4. End call

Press [END] to end the call, or

Press and hold [MENU] till you hear a double tone.

5. Press [MENU] again to end the call.

Using memory linking

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

1. Recall 2nd location

After sending the tones from the first location, press [RCL] and the two-digit memory location where you stored the second set of digits.

2. Send tones

3. Press [RCL] and then [SEND] to send the tones in the 2nd location.

If you have stored a pause in the 2nd location, your phone will pause as usual when it reaches the pause character.

Using calling cards

Storing calling card numbers

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

1. Enter access number
Enter the phone number you use to access the calling card system, usually a 1-800 phone number. Skip this step if you only dial 0.
 2. Insert pause
Press [FCN] then press [SEND]. You will see: Insert pause 0. Press [MENU].
 3. Insert number character
Press [FCN] then press [SEND]. Press [↑] or [↓] to scroll to Insert Number N. Press [MENU]. You will see the number character N inserted into the sequence. This special character saves a place for the number you will be calling when you use your calling card.
 4. Insert pause
Press [FCN] and then [SEND] then [MENU] as in step 2.
 5. Enter code
When you use your calling card, the system prompts you for an access code, usually a PIN code. Enter this number.
 6. Repeat
Repeat steps 4 and 5 if your card requires more access codes.
 7. Store sequence
Press [STO]. Enter a two digit location, select an icon, press [CLR], enter a name if you like, and press [STO] or [MENU] when finished. Your phone will confirm the entry by displaying the information you stored.
- Tip: You can protect your calling card information with your phone's call restriction features. See page ____ for details.

Using calling cards

Placing a calling card call

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

1. Recall entry
Press [RCL] then enter the location number where your calling card sequence is stored.
2. Enter number
Press [SEND]. You will see: Enter number. Enter the phone number you are calling. You may enter the number manually or recall it by location.
3. Place call
Press and hold [MENU] to place the call. Your phone will dial the number to access your calling card service provider, then wait for your input when it reaches the first pause.
4. Send more numbers
Press [MENU] or [SEND] to send the next group of numbers when the recording prompts you. The phone will automatically insert the number to call at the appropriate spot in the sequence. Press [MENU] to send each set of numbers until finished.
5. End call
Press [END], or press and hold [MENU] until you hear a dual tone, and press [MENU] again to end the call.

Menu features

Introducing the menu features

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

- Phone Book
- Tone Control
- Phone Options
- Timers
- Lock/ Secure

Navigating the menu

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

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

- Press [] to scroll up
- Press [] to scroll down
- Press [MENU] to select

Shortcut

Experienced MOTOROLA users: Make use of shortcuts. You will discover that in many cases the sequence of key presses is identical to that for other MOTOROLA phone.

Road map

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

To use the menu system:

1. Enter menu
Press [FCN] then [MENU]
2. Scroll through menu
Press [↑] or [↓] to scroll through the menu's top level, shown on the right.
3. Exit menu
Press [END] to exit the menu.

Road map

Phonebook	(page ____)
Timers	(page ____)
Tone control	(page ____)
Lock secure	(page ____)
Phone options	(page ____)

Previous use capability

If you are already familiar with previous MOTOROLA phones, you may prefer to use your phone's [? *] and [#?] keys to scroll through the menu system.

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

Phone book

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

In this chapter we will explain how to:

- Recall and store phone numbers using the menu system
- Edit your memory information
- Add numbers to existing entries
- View your own phone number

Follow these symbols as a guide for using the volume keys and smart button:

Press [↑] to scroll up.

Press [↓] to scroll down.

Press [MENU] to select.

Road Map

Press [FCN] then press [MENU] to enter the menu system.

Start

Phone Book (page ____)	→	[MENU]	Recall by name	(page ____)
		[↓]	Phone Book status	(page ____)
		[↓]	Store new number	(page ____)
		[↓]	Edit memory	(page ____)
		[↓]	View my number	(page ____)
		[↓]	Number prefer off	(page ____)
		[↓]	To Main Menu	(page ____)

Recalling by name

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

1. Enter menu

Press [FCN] then [MENU].

2. Enter phone book

Press [MENU] to select: Phone Book.

3. Begin recalling

Press [MENU] to select: Recall by name. You will see: Enter 1st letter.

4. Enter first letter

Press the appropriate digit key as many times as necessary to enter the first letter of the name. (See page ____ for help in entering letters.) You will see the first entry with that letter. If necessary, press [↑] or [↓] to scroll to the name you are looking for.

5. Select number

Press [MENU] to select the entry, then press [↑] or [↓] to scroll through the numbers stored in that location.

6. Place call

Press [MENU] or [SEND] to call the number. You will see: Calling

7. End call

Press [END] or press and hold [MENU] until you hear a dual tone. You will see: Press [**] to end call.

Then press [END] again.

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

Recalling by location

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

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone book
Press [MENU] to select: Phone book
3. Begin recalling
Press [↑] or [↓] to scroll to: Recall by location and press [MENU] to select. You will see: Location
4. Enter location
Enter the two-digit memory location of the number you are looking for. You will see the name, location number, and an icon for each number stored in the entry.
5. Select number
Press [MENU] to select the entry, then press [↑] or [↓] to scroll through the numbers stored in that location.
6. Place call
Press [MENU] or press [SEND] to call the number. You will see: Calling
7. End call
Press [END] or press and hold [MENU] until you hear a dual tone. You will see: Press [**] to end call. Then press [MENU] again.

Tip: To place a quick call, just enter the two digit location and press [SEND].

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

Phone book status

You can use this feature to see how many of your phone book's 99 locations have been used.

1. Enter menu
Press [FCN] then [MENU].
2. Enter phone book
Press [MENU] to select: Phone Book.
3. Select feature

Press [↑] or [↓] to scroll to Phone book status and press [MENU] to select. You will see: XX in use XX empty.

4. Exit menu

Press [END] to exit menu, or you may scroll to other features.

Storing a new number

This feature allows you to create a new entry in the internal phone book. To add a number to an existing entry, turn to Editing a memory location on page ____.

1. Enter menu

Press [FCN] then [MENU].

2. Enter phone book

Press [MENU] to select: Phone Book.

3. Begin storing

Press [↑] or [↓] to scroll to: Store new number, and press [MENU] to select. You will see: Enter number.

4. Enter number

Enter the number you want to store and press [MENU]. You will see: Location XX?

5. Enter location

Press [STO] or [←*] to store the number in the displayed location or enter a new two digit location and press [STO].

Or select range of ten

Enter the first digit of the memory location and press [←*] to store it in the first available location beginning with that digit.

6. Choose label

Press [↑] or [↓] to scroll through the icons. From left to right: Work, home, mobile, pager, fax, or other. Press [MENU] or [STO] to select the highlighted icon.

7. Store more

You will see: Enter next number. Enter up to four numbers per location. Press [STO] when finished.

8. Enter name

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

9. Store number

Press [STO] or [MENU]. Your phone will confirm the entry by displaying: XX numbers saved at XX.

10. Exit menu

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

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

Tip: Always store your Voice Mail number in location 98.

Tip: IF the name or number is already in your phone book, you will see: Duplicate name or number. Press [END] and start storing again.

Editing a memory location

You can use this feature to add a number to an entry, change an old number, or duplicate an entry to make a similar one in a snap.

1. Enter menu
Press [FCN] then [MENU].
2. Enter phone book
Press [MENU] to select: Phone Book.
3. Begin editing
Press [↑] or [↓] to scroll to: Edit memory, and press [MENU] to select.
4. Find by location
Press [↑] or [↓] to scroll to: Edit by location, and press [MENU] to select. You will see: Location _____. Enter the two digit memory location of the phone number you want to edit. Press [MENU] or [STO] and continue with step 5.
or find by name:
Press [↑] or [↓] to scroll to: Edit by name, and press [MENU] to select. You will see: Enter 1st letter. Enter the first letter of the name you want to edit. (See page ____ for information on entering letters.) You will see the first entry beginning with that letter. Press [↑] or [↓] to scroll to the name you are looking for. Press [MENU] or [STO] and continue with step 5.
5. Select number
Press [↑] or [↓] to scroll to the icon of the number to be edited (if more than one). Press [STO] to select. You will see the number.
Or add number:
Press [↑] or [↓] to scroll to the empty cursor and press [STO] to select. You will see: Enter number.
6. Edit/ add phone number
Enter digits. Press [CLR] to erase a digit at a time, or press and hold CLR to erase the entire number. Press [←*] to move the cursor backward.
7. Finish number
Press [MENU] or [STO] when you finish the phone number.
8. Select icon
Press [↑] or [↓] to scroll through the icons and press [MENU] to select the highlighted icon. The display will show the current location.
9. Change original
If you would like to save your changes in the same location, then press [MENU] or [STO]. You will see the name associated with the entry.
or Copy entry:

If you would like to move the entry to a new location and keep the original entry, then press and hold [CLR] to erase the location and enter a new two digit location. You will see the name associated with the entry.

10. Edit name

Press [CLR] to erase one letter at a time, or press and hold [CLR] to erase the entire name. Press [? *] to move the cursor backward. (See page ____ for details on entering names.) Skip this step to leave the name unchanged.

11. Confirm changes

Press [MENU] or [STO] when you finish editing the name. You will see: N numbers saved at XXX. (N is the total of numbers stored in the location and XXX is the location number.)

12. Exit menu

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

Tip: Store up to four numbers per entry. If four are already stored, you will not see the empty cursor.

Viewing your number

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

1. Enter menu

Press [FCN] then [MENU].

2. Enter phone book

Press [MENU] to select: Phone Book.

3. View number

Press [↑] or [↓] to scroll to: View my number, and press [MENU] to select. The display will show the currently active number. After 6 seconds the phone will return to step 3.

4. Exit Menu

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

Shortcut:

Press [RCL], [#?] to view your phone number.

Number preference

[Number Prefer OFF]

When placing calls:

If you prefer to see the number (calling 555-1212) instead of the name (calling Jane Smith) when you place a call from the internal phone book, turn Number preference ON.

When receiving calls:

If you subscribe to Caller ID, your phone automatically looks up callers in your phone book and displays the name stored in the entry. If you prefer to see the caller's number (555-1212), then turn Number preference ON.

1. Enter menu
Press [FCN] then [MENU].
2. Enter phone book
Press [MENU] to select: Phone Book.
3. Find feature
Press [↑] or [↓] to scroll to Number prefer.
4. Toggle feature
Press [MENU] to toggle the feature ON or OFF.
5. Exit Menu
Press [END] to exit the menu, or you may scroll to other features.

Call timers

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

In this chapter we will explain how to:

- Monitor the length of your calls
- Set and view the resettable timer for long term monitoring
- Program audible timers for your individual needs

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

Press [↑] to scroll up
Press [↓] to scroll down
Press [MENU] to select

Road map

Press [FCN] and then press [MENU] to enter the menu system.

Start:

Phone Book (page ____)

[↓] Timers (page ____)	→ [MENU]	Individuals Timer XX:XX:XX	(Page ____)
	[?]	Resettable timer XXXXX	(Page ____)
	[?]	Cumulative Timer XXXXX	(Page ____)
	[?]	Reset timer	(Page ____)

[?]	Individual timer off	(Page ____)
[?]	One minute timer off	(Page ____)
[?]	Repeating timer off	(Page ____)
[?]	Single timer off	(Page ____)
[?]	To main menu	

Viewing the individual timer

The individual timer records the air-time of your most recent call in hours, minutes, and seconds, from the time you press [SEND] until you press [END]. (It does not reflect the air-time for which you are actually charged.) It resets before you place the next call. You can have the time display automatically while calls are in progress.

See Auto display individual timer on page ____.

1. Enter menu
Press [FCN] then [MENU].
2. Enter call timers
Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.
3. View timer
When you enter the Call timers menu you will see: Individual XX:XX:XX.
4. Exit Menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut #1:

Press [RCL] then [*→] twice to display this timer.

Shortcut #2:

Press [FCN] then [MENU], then [4], [5].

Viewing the resettable timer

You can track how much air-time you have accumulated during any time period you choose. For example, reset this timer at the beginning of each billing period to know where you stand at any given moment. Use this feature to view the time elapsed, and follow the instructions on page ____ to reset the timer.

1. Enter menu
Press [FCN] then [MENU].
2. Enter call timers
Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.
3. View timer
Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.

You will see the air-time in minutes since you last reset the timer.

4. Exit Menu

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

Shortcut #1:

Press [RCL] then [*→] three times to view this timer.

Shortcut #2:

Press [FCN], [MENU], then [4], [6] to view this menu.

Viewing the cumulative timer

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

1. Enter menu

Press [FCN] then [MENU].

2. Enter call timers

Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.

3. View timer

Press [↑] or [↓] to scroll to: Cumulative timer. You will see the total air-time in minutes.

4. Exit Menu

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

Shortcut #1:

Press [RCL] then [*→] four times to view the timer.

Shortcut #2:

Press [FCN], [MENU], then [4], [7] to view the timer.

Resetting the timer

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

1. Enter menu

Press [FCN] then [MENU].

2. Enter call timers

Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.

3. Find feature

Press [↑] or [↓] to scroll to: Reset timer.

4. Reset timer

Press [MENU] to reset. You will see: Resettable time 00000.

5. Exit Menu

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

Shortcut:

Press [FCN], [MENU], then [4], [3], and continue with step 4.

Shortcut:

Press [FCN], then [0], [7], [CLR] to reset the timer.

Note: The shortcut won't work if the timer has been reset.

Auto display individual timer

When you turn this feature ON, your phone will automatically display your air-time in minutes and seconds during and after each call.

Note: Activating the Auto display timer may reduce standby and talk time.

1. Enter menu

Press [FCN] then [MENU].

2. Enter call timers

Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.

3. Find feature

Press [↑] or [↓] to scroll to: Individual timer.

4. Toggle display

Press [MENU] to toggle ON or OFF the automatic display of the individual timer.

5. Exit Menu

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

Shortcut:

Press [FCN], [MENU], then [4], [8], and continue with step 4.

One minute audible timer

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

1. Enter menu

Press [FCN] then [MENU].

2. Enter call timers

Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.

3. Find feature

Press [↑] or [↓] to scroll to: One minute timer.

4. Toggle timer

Press [MENU] to toggle the timer ON or OFF.

5. Exit Menu

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

Shortcut:

Press [FCN], [MENU], then [4], [4], and continue with step 4.

Repeating audible timer

You can set this timer to beep during your calls at an interval that you select – from 11 to 999 seconds.

Like the One minute timer, you will hear the beep 10 seconds before the end of each interval, and the party on the other end will not hear the beeps.

1. Enter menu

Press [FCN] then [MENU].

2. Enter call timers

Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.

3. Find feature

Press [↑] or [↓] to scroll to: Repeating timer.

4. Toggle timer

Press [MENU] to toggle the timer ON or OFF.

5. Enter seconds

If you toggle the timer ON, you will see: Enter seconds. Enter the number of seconds you would like between beeps and press [MENU] to set the timer. You will see: Set at XXX seconds.

6. Exit Menu

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

Shortcut:

Press [FCN], [MENU], then [4], [1] and continue with step 4.

Single audible timer

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

1. Enter menu
Press [FCN] then [MENU].
2. Enter call timers
Press [↑] or [↓] to scroll to: Timers, and press [MENU] to select.
3. Find feature
Press [↑] or [↓] to scroll to: Single timer.
4. Toggle timer
Press [MENU] to toggle the timer ON or OFF.
5. Enter seconds
If you toggle the timer ON, you will see: Enter seconds. Enter the number of seconds you would like before the beeps and press [MENU] to set the timer. You will see: Set at XXX seconds.
6. Exit Menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut:

Press [FCN], [MENU], then [4], [2] and continue with step 4.

Tone controls

If you have been reading along diligently, this may be a good time for a break – put your feet up and have some fun with these features. Use the tone control features to select silent mode, personalize, your phone's ringer styles, or set the phone to remind you of new messages.

In this chapter we will explain how to:

- Choose from nine different ringer styles
- Silence the keypad
- Silence all your phone's tones with one convenient feature
- Set the Message reminder

Follow these symbols as a guide for using the volume keys and smart button.

Press [↑] to scroll up

Press [↓] to scroll down

Press [MENU] to select

Road map

Press [FCN] then press [MENU] to enter the menu system.

Start:

Phone book (page –)

[↓] Timers (page –)

[↓] Tone control (page –)

[MENU] Silent mode off (page –)

[↓] Ringer style 1 (page –)

[↓] Setup Msg tones (page –)

[↓] Reminder tones setup (page –)

[↓] Keypad tones ON (page –)

[↓] DTMF select (page –)

[↓] Service tones OFF (page –)

[↓] To main menu (page –)

Silent mode

When you need to be discreet, just turn Silent mode ON. All tones will be silenced.

1. Enter Menu

Press [FCN] then press [MENU].

2. Enter Tone control

Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.

3. Find feature

Press [↑] or [↓] to scroll to: Silent mode.

4. Toggle feature

Press [MENU] to toggle the feature ON or OFF.

5. Exit Menu

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

Shortcut:

Press [FCN] then press and hold [8].

Selecting a ringer style

Your new phone offers nine different ringer styles. After you choose a style, the phone will give you a brief sample of your new alert sound.

1. Enter Menu

Press [FCN] then press [MENU].

2. Enter Tone control

- Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.
3. Enter features
Press [↑] or [↓] to scroll to: Ringer style, and press [MENU] to select.
 4. Select ringer
Press [↑] or [↓] to scroll through the ringer styles, or press [1] to [9].
As you scroll, your phone will give an audible sample of the currently displayed style.
Press [MENU] to select the displayed option.
 5. Exit Menu
Press [END] to exit the menu, or you may scroll to other features.

Setup Message tones

When you receive a new Voice Mail or alpha numeric message, your phone beeps three times. To change the number of beeps or to turn them OFF, use this feature.

1. Enter Menu
Press [FCN] then press [MENU].
2. Enter Tone control
Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.
3. Enter feature
Press [↑] or [↓] to scroll to: Setup Msg Tones, and press [MENU] to select.
4. Select Msg type
Press [↑] or [↓] to scroll to: Text Msg Tone or Voicemail Tone.
5. Toggle tone
Press [MENU] to toggle between 3Beep, 1Beep, or OFF.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Tip: To make new messages easy to recognize, try making the number of beeps unique to each message type.

Reminder tones setup

If you subscribe to messaging services, this feature can help you remember to check your messages. Turn Message reminder tones ON and your phone will remind you of unread messages by beeping every two minutes. This feature is especially helpful if you are busy or away from your phone.

1. Enter Menu
Press [FCN] then press [MENU].
2. Enter Tone control

- Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.
3. Find feature
Press [↑] or [↓] to scroll to: Reminder tones setup and press [MENU] to select.
 4. Select call or Msg tone
Press [↑] or [↓] to scroll to: Call remind tone or Msg remind tone and press [MENU] to select.
 5. Toggle feature
Press [MENU] to toggle the feature ON or OFF.
 6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Keypad tones

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

Keep in mind: Turning Keypad tones OFF does not silence the tones your phone sends across the line.

See Transmit tones on page ____ for more information.

1. Enter Menu
Press [FCN] then press [MENU].
2. Enter Tone control
Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.
3. Find feature
Press [↑] or [↓] to scroll to Keypad tones.
4. Toggle feature
Press [MENU] to toggle the feature ON or OFF.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut:

Press [FCN], [MENU] and [3], [2], and continue with step 4.

Transmit tones

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

1. Enter Menu
Press [FCN] then press [MENU].
2. Enter Tone control
Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.
3. Enter feature
Press [↑] or [↓] to scroll to: DTMF Select, and press [MENU] to select.
4. Select setting
Press [↑] or [↓] to scroll to: Transmit DTMF long, Transmit DTMF short, or Transmit DTMF OFF, and press [MENU] to select.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

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

Send tones

Press [RCL] then [SEND] to send the tones if DTMF tones are OFF.

Shortcut:

Press [FCN] then [MENU], then [3], [3], [MENU] and continue with step 4.

Service tones

When Service tones are ON, you will be instantly alerted to any change in your wireless service. You will hear two short beeps when your phone:

1. Starts to roam (depending on whether this is available).
2. Returns to a home system after roaming.
3. Loses service.
4. Finds service.

Check the display to find out what changed (see page ____).

1. Enter Menu
Press [FCN] then press [MENU].
2. Enter Tone control
Press [↑] or [↓] to scroll to: Tone control, and press [MENU] to select.
3. Find feature
Press [↑] or [↓] to scroll to: Service tones.
4. Toggle feature
Press [MENU] to toggle the feature ON or OFF.

5. Exit menu

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

Keep in mind: Your phone will always beep if a call is dropped.

Lock/ Security

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

In this chapter we will explain how to:

- Operate the call privacy feature
- Lock and unlock your phone
- Place emergency calls
- View and change your lock code
- Restrict call placement and memory access
- Reset or clear your phone's settings
- [Operate the personal identification code]

Follow these symbols as a guide for using the volume keys and smart button.

Press [↑] to scroll up

Press [↓] to scroll down

Press [MENU] to select

Road Map

Press [FCN] then press [MENU] to enter the menu system.

Start: Phone book (page ____)

[↓] Timers (page ____)

[↓] Tone control (page ____)

[↓] Lock secure (page ____) → [MENU] Auto lock OFF (page ____)

[↓] Priority call ON (page ____)

[↓] Secure options (page ____)

[↓] To main menu

[MENU] Secure code ____ (page ____)

[↓] View lock code (page ____)

[↓] Change lock code (page ____)

[↓] Service level 4 (page ____)

[↓] Master reset (page ____)

[↓] Master clear (page ____)

[↓] To main menu

Auto lock

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

1. Enter menu
Press [FCN] and then press [MENU]
2. Enter lock secure
Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.
3. Find feature
Press [↑] or [↓] to scroll to: Auto lock.
4. Toggle lock
Press [MENU] to toggle the features ON or OFF.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut:

Press [FCN], [MENU], then [1], [5] and continue from step 4.

Locking the phone

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

1. Lock phone
Press [FCN] then press and hold [5]. You will see: Lock?
2. Confirm
Press [MENU] or [STO]. You will see: Locked.

Unlocking the phone

Unlocking your phone is quick and easy. Once your phone is ON, just enter your three-digit code. Your factory programmed lock code is 123. If you have changed this code and cannot remember what it is, see Viewing the Lock code on page ____.

Keep in mind: You can still receive calls when the phone is locked. Follow these steps to answer an incoming call:

Unlock and answer.

Enter your three digit code and press [MENU] or [SEND] to answer.

Tip: If you have forgotten the code, try to enter [1], [2], [3] or the last three digits of your phone number.

Priority call

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

1. Enter menu
Press [FCN] and then press [MENU]
2. Enter lock secure
Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.
3. Find Feature
Press [↑] or [↓] to scroll to: Priority call.
4. Toggle
Press [MENU] to toggle the feature ON of OFF.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut:

Press [FCN], [MENU], then [2], [9], and continue with step 4.

Keep in mind: Some wireless systems only allow access to their own emergency numbers. Check with your Service Provider for more information.

Storing a priority call number

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

1. Enter number
Enter your priority number.
2. Save number
Press [STO] and [0], [1] to choose location 01.
3. Enter name
Select a label, press [CLR], enter a name if you like, and press [MENU] when finished. Your phone will confirm the entry by displaying the stored information.

Placing a priority call

Place call

When Priority call is ON, press and hold [1] at any time.

Keep in mind: If call restriction Service level 1 is enabled, the Turbo Dial keys will not be active. To override the restriction and place a priority call, press [RCL], [1], [SEND]. See page ____ for information on your phone's service levels.

Secure options submenu

Keep in mind: It is recommended not to play with the above features in order to avoid making general irreversible changes.

The secure options submenu permits you to change the lock and secure codes and to reset and clear times, features and memories.

For your protection you must enter a six digit secure code in order to access the features in the Secure options submenu. The factory programmed secure code is 000000.

Viewing the lock code

To view the three-digit lock code:

1. Enter menu
Press [FCN] and then press [MENU]
2. Enter lock secure
Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.
3. Access secure options
Press [↑] or [↓] to scroll to: Secure options and press [MENU]. You will see: Secure code _____. Enter your six digit secure code.
4. View code
Press [MENU] to select: View Lock code. You will see: Lock code XXX.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut:

Press [FCN], [MENU], then [5], [5] and continue from step 4.

Shortcut:

Press [FCN], [0], enter six digit secure code, then [RCL].

Changing the lock code

To change the three digit lock code:

1. Enter menu
Press [FCN] and then press [MENU]
2. Enter lock secure

Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.

3. Access secure options

Press [↑] or [↓] to scroll to: Secure options and press [MENU]. You will see: Secure code _____. Enter your six digit secure code.

4. Begin change

Press [↑] or [↓] to scroll to: change lock code and press [MENU] to select. You will see: Enter new code _____.

5. Enter new code

Enter a new three digit lock code. You will see: New lock code XXX.

6. Exit menu

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

Shortcut:

Press [FCN], [MENU], then [5], [4] and continue from stage 4.

[Press [FCN], [0], enter your six-digit Secure code, enter a new lock code, then [STO].]

Changing the secure code

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

1. Enter menu

Press [FCN] and then press [MENU]

2. Enter lock secure

Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.

3. Access secure options

Press [↑] or [↓] to scroll to: Secure options and press [MENU]. You will see: Secure code _____. Enter your six digit secure code.

4. Select features

Press [↑] or [↓] to scroll to: Change secure code and press [MENU] to select. You will see: New code _____.

5. Enter new code

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

6. Exit menu

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

Service level

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

1. Enter menu
Press [FCN] and then press [MENU]
2. Enter lock secure
Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.
3. Access secure options
Press [↑] or [↓] to scroll to: Secure options and press [MENU]. You will see: Secure code _____. Enter your six digit secure code.
4. Select feature
Press [↑] or [↓] to scroll to: Service Level and press [MENU] to select.
5. Choose level
Press [↑] or [↓] to scroll through service level settings, and press [MENU] to select the setting. (See the chart below for descriptions.)
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Your phone has two service levels:

Level 1: Call can be placed from memory locations 1–10 only <ul style="list-style-type: none"> • No dialing from keypad • No memory edit or storage • No access to name directory 	1 memory 1–10 only
level 4: This is the default setting <ul style="list-style-type: none"> • No restrictions 	4 standard setting

Master reset

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

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

1. Enter menu
Press [FCN] and then press [MENU]
2. Enter lock secure
Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.
3. Access secure options
Press [↑] or [↓] to scroll to: Secure options and press [MENU]. You will see: Secure code _____. Enter your six digit secure code.
4. Reset features

Press [↑] or [↓] to scroll to: Master reset and press [MENU] to select. You will see: Reset?

5. Confirm reset

Press [MENU] to confirm. You will see: Standard setting.

or Exit

Press [END] to exit without resetting.

6. Exit menu

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

Shortcut:

Press [FCN], then [MENU], then [5], [2], and continue from step 3.

Master clear

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

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

1. Enter menu

Press [FCN] and then press [MENU]

2. Enter lock secure

Press [↑] or [↓] to scroll to: Lock secure, and press [MENU] to select.

3. Access secure options

Press [↑] or [↓] to scroll to: Secure options and press [MENU]. You will see: Secure code _____. Enter your six digit secure code.

4. Clear settings

Press [↑] or [↓] to scroll to: Master clear, and press [MENU] to select. You will see: Clear?

5. Confirm clear

Press [MENU] to confirm. You will see: Busy. It will take a few seconds to reset all of your phone's options back to their factory settings.

Or Exit

Press [END] to exit without resetting.

6. Exit menu

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

Shortcut:

Press [FCN], then [MENU], then [5], [23 and continue from step 3.

Personal identification number (PIN)

Your service provider may require a Personal/ Identification Number (PIN) when placing calls. If so, you will probably want to activate this feature, which allows you to send your PIN code with one touch of a button.

Note: Program this feature once only.

1. Press [2], [5], [3], [9], then [FCN], [FCN]
You will see your active phone number.
2. Enter your new PIN code (a 6–26 digit number) supplied by your Service Provider. Press [STO], [STO]. (Press [CLR] if you wish to correct an error.)
3. Press [MENU] to activate the PIN code, if the code was entered properly or if you have to enter you PIN code again.
You will see: A key active, A key inactive
4. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Tip: If the phone number displayed is not the number you want to use as your PIN code, press [#?] to select another number. This will be the phone number in use after you exit from the PIN feature.

Phone options

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

In this chapter we will explain yow to

- Switch between your active phone numbers
- Select a variety of system specific settings
- Review phone features
- Execute delayed dialing
- Select features for vehicle use
- Identify numbers in an ID call

Follow these symbols as a guide for using the volume keys and smart button.

Press [↑] to scroll up

Press [↓] to scroll down

Press [MENU] to select

Road map

Press [FCN] then [MENU] to enter the menu system.

Start:

Phone Book

[↓]	Timers	(page –)
[↓]	Tone control	(page –)
[↓]	Lock secure	(page –)
[↓]	Phone options	(page –)

[MENU]	Change number	(page –)
[↓]	Phone info	(page –)
[↓]	Feature review	(page –)
[↓]	Call options	(page –)
[↓]	Display options	(page –)
[↓]	Mini Browser options	(page –)
[↓]	System options	(page –)
[↓]	To main menu	(page –)

[↓]	Launch Mini Browser	(page –)
[↓]	Power Up mode	(page –)
[↓]	Confirm at start on	(page –)
[↓]	To main menu	(page –)

[MENU]	PIN inactive	(page –)
[↓]	Multi key answer OFF	(page –)
[↓]	Auto answer OFF	(page –)
[↓]	Instant redial OFF	(page –)
[↓]	To main menu	(page –)

[MENU]	Quick menu ON	(page –)
[↓]	Change language	(page –)
[↓]	Change banner	(page –)
[↓]	Back light select	(page –)
[↓]	Auto hyphen ON	(page –)
[↓]	24 hours clock OFF	(page –)
[↓]	To main menu	(page –)

[MENU] Display system ID (page –)

[↓] To main menu (page –)

Changing your number

[This feature is intended for subscribers to the PELE-ABROAD service (when travelling abroad only), for whom 2 phone numbers are programmed in the phone.] Your phone can be activated with up to 4 unique phone numbers. You could use one number for home and others for cities you travel to frequently. This feature allows you to select an appropriate number.

Keep in mind: Only one number can be active on your phone at a time.

1. Enter menu
 Press [FCN] then press [MENU].
2. Enter phone options
 Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Begin change
 Press [MENU] to enter: Change number. The display will show your phone's currently active number.
4. Choose number
 Press [↑] or [↓] to scroll through the numbers programmed into your phone. Press [MENU] to select the desired number. Your will see: Set.
5. Exit menu
 Press [END] to exit the menu, or you may scroll to other features.

Displaying phone information

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

1. Enter menu
 Press [FCN] then press [MENU].
2. Enter phone options
 Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Fine feature
 Press [↑] or [↓] to scroll to scroll to Phone Info, then press [MENU] to select.
4. Scroll
 Press [↑] or [↓] to scroll to scroll through the information.
5. Exit menu
 Press [END] to exit the menu, or you may scroll to other features.

Feature review

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

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

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Begin review
Press [↑] or [↓] to scroll to: Feature Review, and press [MENU] to enter.
4. Browse features
Press [↑] or [↓] to scroll through any features you have changed from their default settings. If all features are set to their default factory settings, the display will show: Standard setting.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Shortcut:

Press [FCN], then [0], [9], [RCL].

Call options submenu

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

Activating PIN code*

Your service provider may require a Personal Identification Number when placing calls. If so, you will probably want to activate this feature, which allows you to send your PIN code with one touch of a button.

Keep in mind: If you enter a service area that does not require a PIN code, make sure PIN inactive is set.

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter Call options
Press [↑] or [↓] to scroll to: Call options, and press [MENU] to enter.
4. Toggle PIN

Press [↑] or [↓] to scroll to: PIN inactive or active, and press [MENU] to toggle.

5. Exit menu

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

Storing PIN code in Memory Location 07

When PIN code is active, your phone automatically uses the number stored in Location 07 as your PIN code. Once you have activated the PIN, you should store the PIN code in location 07.

1. Enter PIN

Enter your PIN code.

2. Press [STO], [0], [7], select a label and press [STO] or [MENU]. Press [STO] and then [CLR].

Placing a call with PIN code active

When you place a call with PIN code active, your phone will queue the number stored in location 07 and then send it when you press the Smart button.

1. Place call

Enter the number to be called, or press [RCL] to recall it from the memory.

Press [SEND] or press and hold [MENU] until you hear a dual tone.

2. Send PIN

After the call is placed, the system will prompt you for your PIN code. Press [SEND], or press and hold [MENU] to send the PIN code.

Note: If you see Invalid PIN, the menu feature may be active but your PIN code is not stored in location 07. The PIN code must be less than 7 digits.

Keep in mind: If your phone is locked, this feature will not work.

Multiple key answer

With Multiple key answer OFF, you can answer calls by pressing [MENU] or [SEND]. When the feature is ON, you can answer calls by pressing [MENU], the volume keys, or any key in the center of the keypad, [1] through [#→].

1. Enter menu

Press [FCN] then press [MENU].

2. Enter phone options

Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.

3. Enter Call options

Press [↑] or [↓] to scroll to: Call options, and press [MENU] to enter.

4. Find feature

Press [↑] or [↓] to scroll to: Multi key answer.

5. Toggle feature

Press [MENU] to toggle the feature ON or OFF.

6. Exit menu

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

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

Shortcut:

Press [FCN], [MENU], then [2], [0], and continue with step 5.

Automatic answer

Turn Auto answer ON to have your phone automatically answer incoming calls after two ring cycles.

1. Enter menu

Press [FCN] then press [MENU].

2. Enter phone options

Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.

3. Enter Call options

Press [↑] or [↓] to scroll to: Call options, and press [MENU] to enter.

4. Find feature

Press [↑] or [↓] to scroll to: Auto answer.

5. Toggle feature

Press [MENU] to toggle the feature ON or OFF.

6. Exit menu

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

Shortcut:

Press [FCN], [MENU], then [2], [6], and continue with step 4.

Instant redial

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

1. Enter menu

Press [FCN] then press [MENU].

2. Enter phone options

Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.

3. Enter Call options
Press [↑] or [↓] to scroll to: Call options, and press [MENU] to enter.
4. Find feature
Press [↑] or [↓] to scroll to: Instant redial.
5. Toggle feature
Press [MENU] to toggle the feature ON or OFF.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

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

Tip: See page ____ for more redialing options.

Display options submenu

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

Activating the Quick menu

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

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter display options
Press [↑] or [↓] to scroll to: Display options, and press [MENU] to enter.
4. Toggle feature
When you enter Display options you will see: Quick menu. Press [MENU] to toggle the feature ON or OFF.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Changing the language

This feature allows you to select the Language (English, French, Spanish, or Hebrew) used in the display.

1. Enter menu

- Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
 3. Enter display options
Press [↑] or [↓] to scroll to: Display options, and press [MENU] to enter.
 4. Begin selection
Press [↑] or [↓] to scroll to: Change language, and press [MENU] to enter.
 5. Choose option
Press [↑] or [↓] to scroll to scroll through the available languages, and press [MENU] to select.
 6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Changing the banner

You can create your own message banner for the phone to display when it is idle. Your banner can be up to 12 characters long.

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter display options
Press [↑] or [↓] to scroll to: Display options, and press [MENU] to enter.
4. Enter feature
Press [↑] or [↓] to scroll to: Change banner, and press [MENU] to select. You will see the current banner or Alpha or Press [*].
5. Enter message
Enter your message using the alpha numeric keypad. Press [MENU] when your message is complete.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Customizing the backlight

The backlight of your car phone is permanently illuminated and therefore this feature is inactive in this phone.

Auto hyphen

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

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter display options
Press [↑] or [↓] to scroll to: Display options, and press [MENU] to enter.
4. Find feature
Press [↑] or [↓] to scroll to: Auto hyphen.
5. Toggle feature
Press [MENU] to toggle the feature ON or OFF.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Displaying the 24-hour clock

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

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter display options
Press [↑] or [↓] to scroll to: Display options, and press [MENU] to enter.
4. Find features
Press [↑] or [↓] to scroll to: 24-hour clock.
5. Toggle feature
Press [MENU] to toggle the feature ON or OFF.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Mini Browser options*

This submenu offers several options for customizing the way your phone accesses information with the Mini Browser.

Launching the Mini Browser

Select this feature to launch the Mini Browser and access sports scores, stock reports, weather reports, and more.

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter Minibrowser options
Press [↑] or [↓] to scroll to: Mini Browser options, and press [MENU] to enter.
4. Find features
Press [↑] or [↓] to scroll to: Launch Mini Browser.
5. Select
Press and hold [MENU] to select.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Tip: You can also launch the Mini Browser with the Quick menu. See page ____.

* Contact your service provider for availability.

Power up mode

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

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter Minibrowser options
Press [↑] or [↓] to scroll to: Mini Browser options, and press [MENU] to enter.
4. Find features
Press [↑] or [↓] to scroll to: Power up mode, and press [MENU] to select.
5. Select option
Press [↑] or [↓] to scroll to: Power up phone, or Power up Mini Browser, and press [MENU] to select.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Confirm at start-up

Your phone can display reminders when you launch the Mini Browser to indicate that your time browsing may be charged. This feature toggles the reminder ON or OFF.

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter Minibrowser options
Press [↑] or [↓] to scroll to: Mini Browser options, and press [MENU] to enter.
4. Find features
Press [↑] or [↓] to scroll to: Confirm at start.
5. Toggel
Press [MENU] to toggle between ON and OFF.
6. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

Displaying the system ID*

Use this feature it determine the unique system ID for your cellular phone. An even number indicates a Wireline system and an odd number indicates a Non-Wireline system.

1. Enter menu
Press [FCN] then press [MENU].
2. Enter phone options
Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.
3. Enter system options
Press [↑] or [↓] to scroll to: System options, and press [MENU] to select.
4. View SID
Press [MENU] to select Display system ID. You will see the System ID for your phoen.
5. Exit menu
Press [END] to exit the menu, or you may scroll to other features.

* Contact your service provider for availability.

Using Messaging*

Use of text messages

If your service provider supplies the text messages service, your phone is capable of receiving pager-like alpha numeric messages.

Your phone can store up to 100 text messages (depending on their length) and can automatically replace the old messages by new ones received. You can also return calls or store in memory the phone numbers left for you in the message by using the dedicated message key [**].

In this chapter we will explain how to:

- Use the message key to access the message
- Return a call by pressing a single button
- Lock and unlock messages
- Delete one or more messages

Follow these symbols as a guide for using the volume keys and smart button.

Press [↑] to scroll up

Press [↓] to scroll down

Press [MENU] to select

Press [**] to open the Messaging menu.

* Contact your service provider for availability.

Receiving messages

If your phone is ON and you receive a Voice Mail, Mini Browser alert, or alpha numeric message:

- An alert sounds
See selecting ringer on page ____ to set your phone's alert. See page ____ to learn about Reminder tones.
- An indicator appears on the display
 - [**] – Appears on the lower line of the display when you receive an alpha numeric message. It will stay on the display until you have read the message.
 - Msg Menu Full – Appears in the main display when the message memory is completely full and your phone is in idle mode.
 - Msg Mem Low – Appears when your phone's message memory is almost full (at approximately 85% capacity).
 - [***] – Appears on the bottom line of the display when you receive a Voice mail message. It will stay on the display until you have listened to the message. Your service provider will then signal your phone to turn the indicator off.
- Press [**] to open the Messaging menu

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

[Caller ID
Voice mail
Messages
Send message
Mini Browser Alert]

Tip: See page ____ for information on receiving caller IDs.

Tip: For more information on Mini Browser Alerts, see page ____.

Tip: Your Service Provider holds your messages and will forward them after you have made room. See page ____ to learn how to delete messages.

Caller ID*

The Caller ID service is provided to subscribers of this service only. To connect, contact your Service provider's service center.

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

If the caller's name is stored in your phone book, the phone will display it automatically. Display of name or number is controlled by the Number preference feature.

Keep in mind: In order that the name stored in memory will be displayed, the phone numbers stored must include the area code. [Phone numbers of PELEPHONE subscribers must also be stored with the full area code (050 or 051).]

If during the call another call is received, the call waiting signal will be heard and the phone number of the caller will appear on the display. This number will be stored automatically in the caller ID memory. On completion of the call this number may be viewed and called in the way described on the next page.

If the caller has restricted/blocked his number, the following message will appear on the display: "call from unidentified" or "call from unavailable".

* Contact your service provider for availability.

Viewing your Caller IDs

1. Enter Messaging

Press [***] to enter the Messaging menu

2. Select Caller ID

Press [↑] or [↓] to scroll to: Caller ID, and press [MENU] to select.

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

[Selected Caller ID
Time and date of call
Caller's phone number]

3. Select Caller

Press [↑] or [↓] to highlight a Caller ID to view, and press [MENU] to view complete information for that call.

[Number of times they called
Caller's name
Caller's phone number]

Keep in mind: You will see the caller's name only if it is stored in your phone book.

[**] A check mark will appear in the corner if you have answered or returned the call. Press [SEND] to return the call of the displayed caller. Press [STO] to store the information in your phone book.

Caller ID options

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

4. Access options

Press [↑] or [↓] to open the Caller ID Function menu.

[Go to Messaging menu
Exit
Delete message
Delete all messages
Call back
Store to memory]

5. Choose function

Press [↑] or [↓] to scroll to one of the following:

[**] **To Msg Menu.** Press [MENU] to return your phone to the Messaging menu.

[**] **Exit.** Press [MENU] to exit Messaging to idle mode.

[**] **Delete message.** Press [MENU] to delete the currently selected Caller ID. Press [MENU] again to confirm.

[**] **Delete All Msgs.** Press [MENU] to delete all your Caller IDs. Press [MENU] again to confirm.

[**] **Call Back.** Press [MENU] to return the call.

[**] **Store to Mem.** Press [MENU] to begin storing the number. Enter a two-digit location, select a label, enter a name, and press [STO].

Tip: See page ____ for step-by-step instructions on storing.

Checking your voice mail*

When you receive Voice Mail, your Service Provider sends a notification to your phone, and your phone displays an indicator. That way, you will be able to check for new Voice Mail simply by glancing at your phone's display.

1. Enter Messaging

Press [**] to open the Messaging menu.

2. Select Voice Mail

Press [↑] or [↓] to scroll to: Voice Mail and press [MENU] to select.

If you have one or more Voice Mail messages, you will see:

[You have Voice Mail]

or "You have ** Voice Mail messages" if the message includes the number of messages received for you.

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

Dial number

When viewing notifications, press [SEND], or press and hold [MENU] to call your Voice Mailbox.

Keep in mind: Some service providers send the Voice Mailbox to your phone automatically. If the number has not been sent, then store it in location 98 of your Phone book. To learn how, see Pause dialing on page ____.

If you have new messages, you will see:

[No voice mail]

* Contact your service provider for availability.

Tip: You can call your Voice Mail directly by pressing and holding [**].

Voice Mail options

When checking Voice Mail, press the Message key to see options for the highlighted Voice Mail notification.

3. Access options

Press [**] to open the Voice Mail function menu.

[Exit
Go to Messaging menu
Exit
Delete message
Call back]

4. Choose function

Press [↑] or [↓] to scroll to one of the following:

[**] **To Msg menu.** Press [MENU] to return your phone to the Messaging menu.

[**] **Exit.** Press [MENU] to exit Messaging to idle mode.

[**] **Delete message.** Press [MENU] to delete the currently selected Voice Mail notification. Press [MENU] to confirm.

[**] **Call Back.** Press [MENU] to dial your Voice Mailbox number.

Reading your messages

Your phone can receive alpha numeric messages like a pager. The message memory stores up to 100 messages, depending on the size of each.

1. Enter

Press [↑] or [↓] to scroll to open the Messaging menu.

2. Select messages

Press [↑] or [↓] to scroll to: Messages, and press [MENU] to select.

- [Selected message
- More messages to left
- Locked Msg
- Msg number
- Text of message
- More messages to right
- Time and date of msg.
- Sender's number
- More text]

You will see a row of + symbols, one for each message. You may also see the ! symbol for an urgent message and [**] for a locked ms.

Flashing icons represent messages that have not been viewed. If there are more messages than can appear in one line, an arrow will indicate the location of the other messages. Under the symbol you will see the latest message.

3. Select a message

Press [↑] or [↓] to highlight a message to read, and press [MENU] to select the message.

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

4. Scroll

Press [MENU] to scroll through the selected messages.

Press [←*] to go to the previous message.

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

Next message

Press [→*] to go to the next message.

Call back

Press [SEND] to dial the Call back number (in parentheses if included).

Store

Press [STO] to store the Call back number (in parentheses if included) in your Phone book.

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

Tip: If the Call back number matches one in your phone book, you will see the name of the caller when you view the message.

Message options

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

5. Access options

Press [**] to open the Message function menu.

- [Exit
- Go to Messaging menu
- Exit
- Delete message
- Delete all messages

Lock (Unlock)
Call back
Store to memory]

6. Choose function

Press [↑] or [↓] to scroll to one of the following:

- [*] **To Msg menu.** Press [MENU] to return your phone to the messaging menu.
- [*] **Exit.** Press [MENU] to exit messaging to idle mode.
- [*] **Delete message.** Press [MENU] to delete the currently selected message. Press [MENU] to delete all messages. Press [MENU] again to confirm.
- [*] **Delete all Msgs.** Press [MENU] to delete all messages. Press [MENU] again to confirm.
- [*] **Lock message.** Press [MENU] to lock the message. Lock important messages to protect them from accidental deletion.
- [*] **Unlock message.** Messages must be unlocked before they can be deleted.

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

- [*] **Call back.** Press [MENU] to dial the sender's number.
- [*] **Store to memory.** Press [MENU] to begin storing the number. Enter a two-digit location, select a label, enter a name, and press [STO].

Tip: See page ____ for step-by-step instructions on storing.

Using the Mini Browser*

Need information now? Your phone can give you instant access to valuable resources on the go! With a subscription and wireless service, you can retrieve sports scores, weather and traffic reports, stock prices, and more.

In this chapter we will explain how to:

- Launch the Mini Browser
- Navigate using your phone
- Bookmark your favorite sites

Follow these symbols as a guide for using the volume keys and smart button.

Press [↑] to scroll up

Press [↓] to scroll down

Press [MENU] to select

Press [RCL] for left soft key

Press [STO] for right soft key

Press [CLR] to go back or stop. Hold to return to home page.

Press [END] to exit.

Turn to page ____ for a detailed explanation of all the keys.

* Contact your service provider for availability.

Getting started browsing

To get started with your Mini Browser, you will need an IP address for your phone. The IP address is the location of a server provided by the Service Provider, and it will be loaded into your phone by your Service Provider when you subscribe to this service. Contact your Service Provider for more information.

Launching the Mini Browser

If the IP address is already set, then you are ready to go. Just follow these simple steps:

1. Open Quick menu

Press [MENU] to open the Quick menu.

[Phone book
Messaging
Launch Browser
Last 10 dialed]

2. Select Browser

Press [↑] or [↓] to scroll to: Launch Browser, and press [MENU] to select.

When you launch the Mini Browser, you will see the last page you accessed with the Mini Browser. If this is your first time, the phone will attempt to contact with the gateway and load your home page.

Turn the page to learn how to navigate with the Mini Browser.

Tip: For more setup options and another way to launch the Mini Browser, turn to page ____.

Mini Browser Navigation

If you know the keys to navigate your phone's other features, then you already have a head start at navigating with the Mini Browser.

Scrolling and selecting

When browsing, you will see a list of options on the phone's display. Each of the items on the list is assigned a number. Just press the matching numeric key to select that item. Or you can scroll to the item with the volume keys and use the Smart button to select.

[Options
Scroll bar (more options up and down)
Web sites
Email
To-Do list
OK Inbox]

Select item

Press the key matching the number of the list item. In the above example, press [7] for Email.

Scroll

Press [↑] or [↓] to scroll up and down the page. You can also use [←*] or [#→]. Above, press [↓] once to scroll to email, twice to scroll to the To-Do list.

Select

Press [MENU] or the left soft key (see next page) to select the highlighted item. Above, press [MENU] to select Web sites.

Go Back One Page

When navigating, press [CLR] to return to the previous page.

Stop

When sending and receiving information, press [CLR] to interrupt transmission.

Return to Home

Press and hold [CLR] to return to your home page.

Tip: While editing text, pressing [CLR] will delete a character at a time instead of returning to the previous page.

Mini Browser Navigation

Soft keys

In addition to the familiar keys for scrolling and selecting, the Mini Browser makes use of "soft keys". Soft keys change their function according to the screen. Read the lower line of the display (above the indicators) to find out what the soft keys can do on that screen.

You will see two functions, one on the left and one on the right, each with a icon:

[Web Sites
Email
To-Do list
OK Winbox]

Press [RCL] for left soft key.

Press [STO] for right soft key.

Left soft key

Press [RCL] to choose the option on the left. In the above example, press [RCL] to select OK and accept the highlighted option: Web Sites.

Right Soft Key

Press [STO] to choose the option on the right. In the above example, press [STO] to select Inbox.

Display Messages

While you navigate, the lower line of the display will show you messages to let you know what your phone is doing. You will see: Sending, Receiving, or Waiting...

Using Bookmarks

Bookmarks make it easy to quickly jump to the sites you use most often. You can assign up to nine bookmarks, one for each of the numeric keys on the keypad.

Keep in mind: Bookmarks are only available while browsing.

To bookmark a Mini Browser site:

1. Open menu
Press [FCN] then press [1].
2. Select feature
Press [↑] or [↓] to scroll to scroll to: Mark Site, and press [MENU] to select. You will see the name of the site.
3. Edit name
See page ____ for details on entering and editing names. Press [MENU] when finished. You will see a message confirming the new bookmark.

Once you bookmark the site, you can jump directly to the site or scroll to it through a list of all sites you have marked.

To jump directly to the site:

Jump to site:

Press and hold the number of the bookmark. For instance, for the first site you marked, press and hold [1].

To scroll through your bookmarks:

1. Open menu
Press [FCN] then press [1].
2. Select feature

3. Press [↑] or [↓] to scroll to: Bookmarks, and press [MENU] to select.
4. Scroll
5. Press [↑] or [↓] to scroll through your bookmarks and press [MENU] to select the highlighted bookmark.

Keep in mind: Bookmarks are only available while browsing.

Mini Browser Alerts

To stay current with changing information, like stock prices or sports scores, you can subscribe to Mini Browser Alerts through your Service Provider*.

If your phone is ON and you receive a Mini Browser Alert:

- An alert sounds.
- An indicator [**] appears on the lower line of the display. It will stay on the display till you have checked the alert.

1. Check message

Press [**] to open the messaging menu. The icon of the message type received will be flashing.

2. Select alert

Press [↑] or [↓] to scroll to: Mini Browser Alert, and press [MENU] to select.

Receiving Calls

Most of the time, while browsing you will not be able to receive calls (depending on your service, callers will probably get your Voice Mail).

Occasionally, when you access a page that you have recently visited and the information on that page has not changed, your phone may use a version of the page stored in its memory. When this is the case and you receive a call, your phone's alerts will sound as usual and the display will show the caller ID (if available).

Answer Call

Press [SEND] to answer the call. Your browsing session will be put on hold while the call lasts. Once the call is complete, your phone will return to the last site.

Tip: Look for the IU indicator on the lower line of the display. If you see it, your phone is online and you will not be able to receive calls.

* Contact your service provider for availability.

Entering words

At times you may need to enter information while browsing, like a keyword for searching or a message. If you see a "I" symbol, you can use the keypad to enter letters and punctuation in the same way you do for the internal phone book. See page ____ for more information.

Security

To find out if the information you are sending is secure, just look at the lower line of the display. A key icon denotes a secure transmission. If the key has a slash through it, then the transmission is not secured.

[Secure] [Non-secure]

The Mini Browser Menu

At any time while you are browsing, you can open the Mini Browser Menu for a list of options. Through this menu, you can set bookmarks, get help on selected pages, and more.

Keep in mind: This menu is only available while browsing. To open the Mini Browser Menu while browsing:

1. Open Menu

Press [FCN] then press [1]. You will see:

[Browser Menu
Help
Home
OK Back
IU]

2. Scroll

Press [↑] or [↓] to scroll through the options.

3. Press [MENU] or [RCL] to select the highlighted option, or press the numeric key matching the option. (Options may vary depending on your Service Provider.)

Help

If you need assistance while browsing, select this option. Note: Some sites do not have help available.

Home

Select this option to return to the home page set up by your Service Provider.

Mark site

To add a page to your bookmark list, choose this feature. Once bookmarked, press and hold the corresponding key when in a Mini Browser section to jump to the bookmark page.

Show URL

To see the address of the current page, choose this option.

Restart

Select to relaunch the Mini Browser.

Phone.com

This feature offers information on the company that helps to provide the Web browsing service.

Advanced

This submenu contains several features for advanced users, like security and technical settings.

4. Return
5. Press [STO] or [CLR] to return to the page you were browsing before you opened the menu.

Using Data features*

Add the MOTOROLA Data Connectivity Kit** to your wireless package and transform your Digital CMRZ100 phone into a convenient and portable fax modem. Use the data cable**** to connect your digital phone to a compatible computer, and you can then send faxes***, access the Internet, send and check email, transmit and receive data wherever there is a wireless signal.

In this chapter we will explain how to:

- Place, end, and receive data calls
- Read the data display
- Set up Pre-arrangement

Checking for Data capability

To use the cable that comes with your Data Connectivity Kit**, first make sure that your phone is data capable. To do so, just use your phone to perform the following simple test:

1. Select feature
Press [FCN], then [1], [2], [5]. You will see: Phone Info. Press [MENU] to select.
2. Scroll
Press [↑] or [↓] to scroll through the submenu. If you see: True Sync Capable and Mode/Fax capable, your phone is data capable.

If you do not see the screens shown as you scroll, contact your Service Provider for more information.

* Contact your Service Provider for availability of data transfer services.

** This kit may optionally be purchased in addition to the basic kit you received.

*** These services are relevant if you have the appropriate programs in your computer.

**** A serial communications cable, having a 9 pin male connector on one end and a 9 pin female connector on the other. This cable may be purchased at any shop selling computer/ peripheral equipment.

Getting started with the Data Connectivity Kit

Attaching the Data Cable

Before you install the fax/modem software on your computer, it is a good idea to attach the cable to the computer and phone.

1. Plug into phone

Plug the smaller (male) end of the data cable, with the release tab facing up, into the accessory connector on your phone.

2. Plug into computer

The other end of the data cable is a female 9-pin plug. Find the matching serial port on the back of your computer and insert the 9-pin plug, then tighten the screws by hand.

To indicate the cable is attached on both ends, your phone will beep once.

Before starting data transmission, move the VOICE/DATA switch to DATA. This switch is located under the release tab for the data connector, near the accessory connector on your phone.

To start using data transfer services you will need data transmission software such as WinFax, or HyperTerminal, existing in your computer.

Placing a data call

Keep in mind: You will not be able to place a data or fax call through your phone's keypad, using last ten dialed, or with caller ID. All data and fax calls must be placed through your computer.

1. Connect

Make sure the cable is connected properly. Move the VOICE/DATA switch to DATA. This switch is located under the release tab for the data connector, near the accessory connector on your phone.

2. Place call

Open the application on your computer, like a fax or dial-up application, and place the call through the application on your computer. The phone will display the number your computer is calling (or the name if in the internal phone book). You will see: Connecting. Your phone will automatically redial 3 times (or until it is successful). If the call is not connected after 3 tries, the display will return to idle.

Ending a data call

Keep in mind: Some of the normal ways to end a call, such as pressing the Smart button or pressing [END], will not work in this case, and are liable to affect proper working of the computer.

Close

Always close the connection through the application on your computer. See the software user's guide for more help. Your phone will return to the idle display.

Note: To place or receive calls when the data cable is connected between your phone and computer, move the VOICE/DATA switch to VOICE.

During the data call

Reading the display

Once the call is successfully connected, your phone's display shows transmission information.

[Time elapsed
Connection speed
Type of call
Connection number
Rate for sending
Rate for receiving]

Accessing features

While connected on a data call, you can still access most of your phone's features. You can navigate the phone's menu system to change or view your phone's features or phone book entries or read messages or Caller IDs that you received before placing the call.

Setting up Pre-arrangement

Some networks require you to change a setting on your phone before you can receive an incoming fax or data call. This is called pre-arrangement. There is no need to worry about placing data or fax calls – the pre-arrangement setting only applies to receiving calls.

Keep in mind: In pre-arrangement mode, you will not be able to receive incoming voice calls.

1. Enter Menu

Press [FCN] then [MENU] to enter the menu.

2. Select submenu

Press [↑] or [↓] to scroll to: Phone options, and press [MENU] to select.

3. Select feature

Press [↑] or [↓] to scroll to: Data set up, and press [MENU] to select.

4. Select settings

Press [↑] or [↓] to scroll to: Voice only, Incoming fax, Incoming data, or to Main menu, and press [MENU] to select. If you select a fax or data setting you will see: No Incoming Voice Calls.

Exit menu. Press [END] to exit the menu. You will see: Data Ready, or Fax Ready.

Your phone will automatically return to Voice Only mode if you remove the cable, turn OFF the phone, shut down your computer, or move the VOICE/DATA switch to the VOICE position.

Keep in mind: Data Setup is only available if your Service Provider requires pre-arrangement and the data cable is connected to your phone.

Receiving a data call

When you have an incoming data or fax call, your phone's display will show what kind of call you are receiving, along with the number of the caller. (If the number matches an entry in your phone book, you will see the name stored in the entry.)

If you select Auto answer mode, your phone will automatically answer data or fax calls when the data cable is connected.

1. Turn on
Your phone and computer must be turned ON and the data cable connected.
2. Select mode
Select the pre-arrangement mode if needed.
3. Auto answer
When the call comes in, your phone will automatically answer.

Or Select option

If necessary, select the menu option in the application.

When the connection is being made, your phone will display: Connecting.

Keep in mind: All data and fax calls should be answered through the software installed on your computer. If you press [SEND] you will probably lose the incoming call.

Introducing Phone synchronizer software*

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

Using this software you can easily load new phone numbers into the phone book of your CMR2100, and vice versa.

Using Phone Synchronizer software*

Here are just a few ways Phone Synchronizer software helps make communication easier than ever:

- Add a contact to your phone on the go. Update your contact file at home or the office later.
- Transfer contacts into your phone's internal phone book for easy access and quick memory dialing.

- Full synchronization between the list of phone numbers stored in the Outlook environment and your phone.
- The software works in Outlook 97 and above environments.

* Contact your service provider for availability.

Accessory options

Data Connectivity Kit*

This exciting new accessory transforms your phone into a fax modem. Use the data cable to connect your digital phone to a computer, and you can fax*, access the Internet*, send and check email, and transmit and receive data wherever there's a wireless signal.

If you want to install a data cable, ask your installer to do so, or contact your service provider for additional information about this service.

* Contact your service provider for availability.