

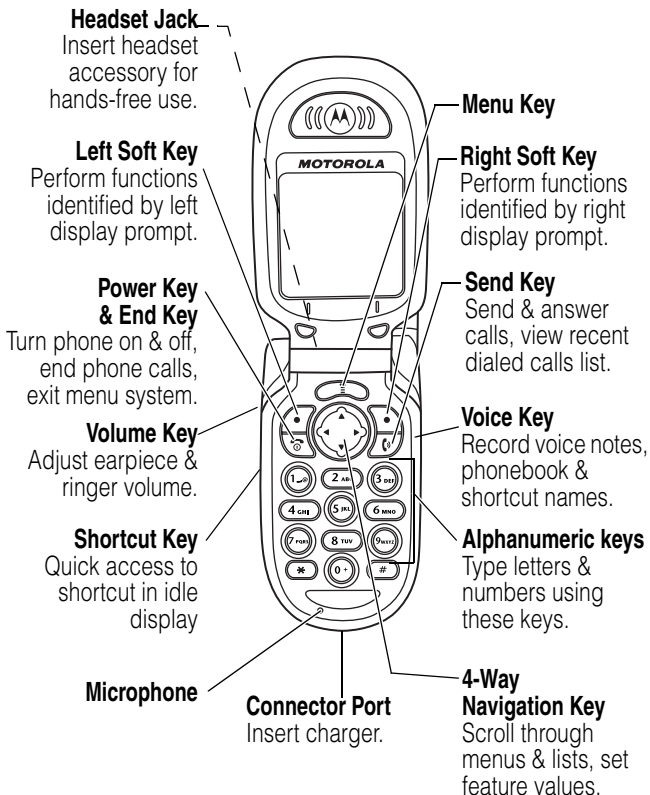


MOTOROLA

START HERE >

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V290 GSM wireless phone.



Personal Communications Sector
600 North U.S. Highway 45
Libertyville, Illinois 60048

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States)

1-800-461-4575 (Canada)

www.motorola.com (United States)

www.motorola.ca (Canada)

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Manual number:

Cover number:

Menu Map

You can display your phone's main menu as icons or as a text list. Each has its own organization and is different from the other. By default, your phone displays the main menu as icons.





To change the menu display mode:

Find the Feature



> Settings > Personalize

Action

- 1 Press  to scroll to **Main Menu**.
 - 2 Press **CHANGE** ().
 - 3 Press  to scroll to the desired setting (**Icons** or **List**).
 - 4 Press **SELECT** () to confirm the new setting.
-
-

Main Menu—Icon Display



Message

- Create Message
- Message Inbox
- Quick Notes
- Outbox
- Drafts
- Voicemail
- Message Settings



Games

- Big2
- Bubble Tea
- PacificStorm



Alarm Clock



Chat



Shortcuts



Web Access

- Web Browser
- My Favorites
- History
- Go To URL
- Browser Setup



Tools

- Datebook
- Calculator
- Stopwatch
- World Clock
- Service Dial



Settings

(see next page)



More

(go to following menu items)



Phonebook



Recent Calls



Media Center



Ring Styles

Note: This is the standard main menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.

Main Menu—Text Display

- **Media Center**
 - Images
 - Sounds
- **Games**
 - Big2
 - Bubble Tea
 - PacificStorm
- **Alarm Clock**
- **Shortcuts**
- **Calculator**
- **Settings**
 - (see next page)
- **Chat**
- **Ring Styles**
 - Style
 - Style Detail
- **Web Access**
 - Web Browser
 - My Favorites
 - History
 - Go To URL
 - Browser Setup
- **Tools**
 - Datebook
 - Calculator
 - Stopwatch
 - World Clock
 - Service Dial
- **Phonebook**
- **Messages**
 - Create Message
 - Message Inbox
 - Quick Notes
 - Outbox
 - Drafts
 - Voicemail
 - Message Settings
- **Datebook**
- **Recent Calls**
 - Received Calls
 - Missed Calls
 - Dialed Calls
 - Notepad
 - Call Times
 - Call Cost

Settings Menu

Personalize

- Main Menu
- Home Keys
- Color Style
- Greeting
- Wallpaper
- Screen Saver

Call Forward

- Divert All
- When Busy
- If No Reply
- Unreachable
- Cancel All

In-Call Setup

- In-Call Timer
- Call Cost Setup
- My Caller ID
- Answer Options
- Call Waiting
- Auto Redial

Phone Status

- My Tel. Numbers
- Battery Meter

Security

- Phone Lock
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords

Initial Setup

- Time and Date
- 1-Touch Dial
- Backlight
- Status Light
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear

Network

Headset

Shortcuts


Change ringer alert:

Open flip, press volume key down to decrease volume, then switch to vibrate alert, then silent alert. Press volume key up to reset ring alert and increase volume.

Go to dialed calls list:

Press  (in idle).

Exit menu system:

Press .

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Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.
READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, where available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

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

Responsible driving best practices may be found in the “Wireless Phone Safety Tips” at the end of this manual and at the Motorola website:

www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as “Intrinsically Safe.” Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas





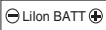
To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in

areas posted “Turn off electronic devices.” Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before

playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

Getting Started



What's in the Box?

Your digital wireless phone comes with a battery and a charger. You can purchase other accessories to customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

About This Guide

This user guide describes how to use your Motorola wireless phone.

Optional Features



This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories



This label identifies a feature that requires an optional Motorola Original™ accessory.

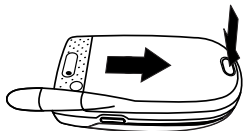
Installing the SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message information.

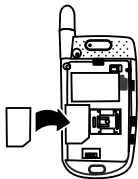
Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Action

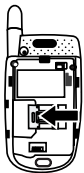
- 1 Press the battery door release latch and lift the door off.



- 2 Fit the SIM card into the SIM card slot, with the metal contacts facing down as shown.



- 3 Slide the SIM card latch as indicated to lock the SIM card in place.



Installing the Battery

You must install and charge the battery to use your phone.

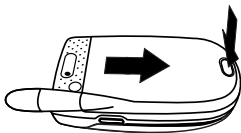


Your phone is designed for use only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

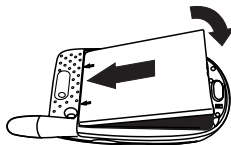


Action

- 1 Remove the battery from its protective plastic case.
- 2 If necessary, press the battery door release latch and lift the door off.



- 3 Insert the battery, printed arrow first, as shown, and push down.



- 4 Slide the battery door back, making sure the release latch fits into the space on the door.



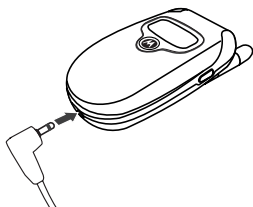
Charging the Battery

New batteries are partially charged. Before you can use your phone, install and charge the battery as described

below. Some batteries perform best after several full charge/discharge cycles.

Action

- 1 Plug the travel charger into your phone.



- 2 Plug the other end into the appropriate electrical outlet.
- 3 When your phone displays **Charge Complete**, press the release tab and remove the charger.

When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. At least 1 segment of the battery level indicator must be visible to ensure full phone functionality while charging.

Battery Use

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer charge time.

- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below - 10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to buy a new battery.




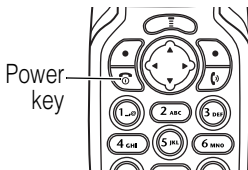
The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode. Refer to your battery's label for battery type.


Turning Your Phone On and Off

Turning Your Phone On


Action

- 1 Open your phone.
- 2 Press and hold  to turn on the phone.



- 3 If necessary, enter your SIM card PIN code and press **OK** () to unlock the SIM card.



Caution: If you enter an incorrect PIN code 3 times in a row, your phone disables the SIM card and displays **SIM Blocked**.

- 4 If necessary, enter your 4-digit unlock code and press **OK** () to unlock the phone.

Note: The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

Turning Your Phone Off

Action

- 1 Press and hold .
- 2 Press **YES** () to confirm that you want to turn off the phone.

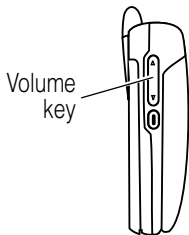
Adjusting the Volume

Press the volume key up or down to:





- increase or decrease earpiece volume during a call
- increase or decrease the ringer volume setting when the idle display is visible (flip must be open)

Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert, then silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

- adjust the volume when setting the ring tone in **Profile**



Making a Call




	Press	To
1	keypad keys	dial the phone number
		Tip: If you make a mistake, press DELETE () to delete the last digit, or press and hold DELETE () to clear all digits.
2		make the call
3		end the call and “hang up” the phone


Note: You must dial the phone number from the idle display.
See page 26.



Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

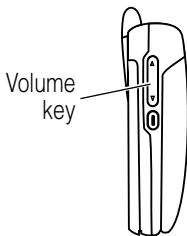
Press	To
1  or ANSWER ()	answer the call
2 	end the call and “hang up”

Tip: When the phone flip is active, open the phone to answer the call. (To activate, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer.**)

Note: If the phone is locked, you must unlock it to answer the call.

Changing the Call Alert

With the phone flip open, press the volume key down to switch the alert for incoming calls and other events to vibrate, then silent. Press the volume key up to reset ring alert.



Viewing Your Phone Number

During a call, press  > **My Tel. Numbers.**

Note: To view your phone number using this feature, you must store the number on your SIM card. To store your phone number on the SIM card, see page 38. If you do not know your phone number, contact your service provider.

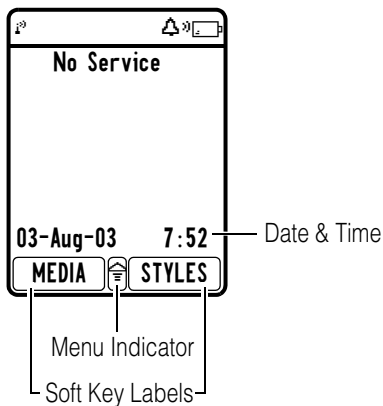


Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display



The *idle display* is the standard display when you are *not* on a call or using the menu.




The Menu indicator (see above) indicates that you can press the menu key (☰) to go to the main menu.

Labels at the bottom corners show the current soft key functions. Press the left soft key (◀) or right soft key (▶) to perform the function indicated by the left or right soft key label.

At the top of the display are status indicators, including network signal, ring tone, and battery.

Press  from the idle display to see 4 menu feature icons. Use the  navigation key to select an option quickly. You can also decide which 4 menu options you would like to see by setting the home keys (see page 83.).



Using Menus

From the idle display, press  to go to the main menu.

Selecting a Menu Feature

This guide shows you how to select a menu feature as follows, starting from the idle display:


Find the Feature  > **Messages** > **Inbox**

For example, from the idle display, press , scroll to and select **Messages** from the main menu, then scroll to and select **Inbox**. Use  to scroll, and the left/right soft keys to select the soft key functions listed in the bottom left and right corners of the display.

Note: In this user's guide, "Find the Feature" always indicates the feature's position in the icon menu.

Selecting a Feature Option

Some features require you to select an item from a list:


- Press  to scroll up or down to highlight the item.
- In a numbered list, press a number key to highlight the item.



- In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

Entering Feature Information

Some features require you to enter information:

- Enter numbers or text with the keypad.
 - When an item has a list of possible numeric values, press a number key to set the value.
 - If you enter or edit information and do not want to save changes, press  to exit without saving.

The message center lets you compose and send text messages. A *flashing cursor* shows where text will appear.

When you enter text using the standard tap method (see page 30), the flashing cursor changes to a *block cursor*, and the soft key functions change.

Entering Text

Multiple text entry methods make it easy for you to enter names, numbers, and messages on your phone.

General Text Entry Rules

- Press a key as many times as necessary to enter a letter. With each press, the next letter on the key appears in the display. See the “Character Chart” on page 31.
- If you do not press a key for 2 seconds, the character highlighted in the block cursor is accepted, and the cursor moves to the next position.



- If you do not press a key for 2 seconds, the character currently displayed in the highlighted block is accepted.

Entering Punctuation

Press	To
Ⓜ or Ⓝ	enter punctuation as shown in the “Character Chart” on page 31

Using Capitalization

Whenever you enter text, your phone automatically displays all capital letters (indicated by **ABC** in the upper right corner of the display.

Press	To
#	switch between uppercase and lowercase letters. (When lowercase is selected, abc appears in the display.)



Deleting Letters and Words

Place the cursor to the right of the text you want to delete, then:

Action
Press DELETE (⏎) to delete 1 letter at a time.
Hold DELETE (⏎) to delete the entire message.



Choosing a Text Entry Method

Most text entry screens let you enter letters, numbers, and/or symbols as required. Press  (or  > **Entry Method**) from a text entry screen to select a text entry method:

iTAP English Let the phone predict each word as you type it (see page 31).

Tap Method Type letters, numbers, and symbols by pressing a key 1 or more times. See the following section.


Numeric Enter numbers only.


Symbol Enter symbols only. See page 33.

Note: The text entry mode you select remains active until you change it by selecting another mode.

Using Tap Method

The Tap Method is the standard method for entering text on your phone.

Press  > **Entry Method** from any text entry screen and select **Tap Method**.

	Press	To
1	a number key 1 or more times	select a letter, number, or symbol shown in the “Character Chart” on page 31
2	number keys	enter the remaining characters
3	OK ()	store the text

Character Chart


You can enter these characters with the tap method.

1 (space)	space . 1 ? ! , @ _ & ~ : ; " - () ' ¿ ¡ % £ \$ ¥ ¤ €
2 abc	a b c 2 ä å á à â ã
3 def	d e f 3 Δ ë é è ê
4 ghi	g h i 4 ï í î ï
5 jkl	j k l 5 k ^
6 mno	m n o 6 ñ ö ø ó ò ô õ
7 pqr	p q r s 7 π β Σ
8 tuv	t u v 8 θ ü ú ù û
9 wxyz	w x y z 9 Ξ ψ
0 + - 0 x * / \ [] = > < # §	+ - 0 x * / \ [] = > < # §

Note: This chart may not reflect the exact character set available on your phone.

Use iTAP™ Software Predictive Text Entry Method

iTAP software is a predictive text entry method that lets you enter a word using 1 keypress per letter.

Press  > **Entry Method** from any text entry screen, and select **iTAP English**.



Entering Words

Action


- 1 Press a number key once to enter the first letter of the word.

The letters associated with the key are shown at the bottom of the display.




- 2 Press number keys (1 per letter) to enter the rest of the word.

Alternative words and letter combinations are shown at the bottom of the display. The word choices update with each key press.

- 3 Press  to highlight the word you want.

- 4 Press **SELECT** () to enter the word at the flashing cursor location.


iTAP automatically inserts a space after each word.

For example, to spell the word “art,” press    .
The display shows **Art**.



Entering Novel Words

If you enter a word that iTAP does not recognize, the word does not display.

Action

- 1 Press **DELETE** () 1 or more times to delete letters until a letter or letter combination matches the start of the word.



Action

- 2 Press **SELECT** () to “lock” the selected word portion.
- 3 If necessary, press **DELETE** () to delete the space after the partial word.
- 4 Continue to enter and save letters and/or letter combinations to spell the word.


Using the Numeric Entry Method

To enter numbers in a text screen:



Action

- 1 From a text entry screen, press .
- 2 Scroll to **Numeric** and press **SELECT** ()
- 3 Press the appropriate number key(s).

Using the Symbol Text Entry Method

Your phone provides an alternate way to enter symbol characters in a message. Press  > **Entry Method** from any text entry screen and select **Symbol**.

Action

- 1 From a text entry screen, press .
- 2 Scroll to **Symbol** and press **SELECT** ()
- 3 Press number keys to add digits to the number.
- 4 Press the appropriate number key until your phone displays the symbol you want.

(See the Symbol Chart below.)



Symbol Chart

You can enter these characters with the symbol text entry method.

1 -0	space . 1 ? ! , @ _ & ~ : ; " - () ' ` % £ \$ ¥ ¤ €
2 ABC	@ _ \
3 DEF	/ : ;
4 GHI	" & '
5 JKL	() [] { }
6 MNOP	` ~
7 PQRS	< > =
8 TUV	\$ £ ¥ ¤ €
9 WXYZ	# % *
0 *	+ - x * / = > < # §

Using the External Display

External Display



When your phone is turned on and the flip is closed, the external display shows the phone status, including battery and network signal status. It also shows the time. When you receive an incoming call, the external display shows the caller's number or

name. To answer the incoming call, open the flip.

Note: To see a caller's name on the external display, the caller's number must match an entry in your phonebook (see page 71).

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.


To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, *but you must unlock it to answer.*

You can make emergency calls on your phone even when it is locked. For more information, see page 45.

Locking Your Phone Manually

Find the Feature


 > Settings > Security
> Phone Lock
> Lock Now

Press	To
1 keypad keys	enter your unlock code
2 OK ()	lock the phone

Unlocking Your Phone

Tip: Your phone's unlock code is originally set to 1234 at the factory. Many service providers reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK ()	unlock your phone




Setting Your Phone to Lock Automatically

To lock your phone every time you turn it off:

Find the Feature

 > Settings > Security
> Phone Lock
> Automatic Lock > On

	Press	To
1	keypad keys	enter your unlock code
2	OK ()	activate automatic lock

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is factory-set to 1234, and the 6-digit security code is factory-set to 000000. Your service provider may reset these numbers before you receive your phone.

If your service provider has *not* reset these numbers, you should change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password:



Find the Feature

 > Settings > Security
> New Passwords

If You Forget a Code, PIN, or Password

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

Press	To
1 	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK ()	submit your security code



Setting Up Your Phone

Storing Your Name and Phone Number



To store or edit user name and phone number information on your SIM card:

Find the Feature


-  > Settings
- > Phone Status
- > My Tel. Number

If you do not know your phone number, contact your service provider. To view your phone number from the idle display or during a call, see page 24.

Setting the Time and Date

To see time display on the idle display and datebook function, you must set the time and date.


Find the Feature


-  > Settings
- > Initial Setup
- > Time and Date

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.


You can select 1 of 5 different ring styles:

 = loud

 = soft

 = vibrate


 = vibrate & ring




 = silent


The ring style indicator in the display shows the current ring style.

To set a ring style:

Find the Feature

 > More > Ring Styles

Press	To
1 CHANGE 	change the currently selected style
2 	scroll to the desired ring style
3 SELECT 	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press  > More > Ring Styles > *Style Detail*.

Setting Answer Options

You can set different methods to answer an incoming call.

Find the Feature

 > Settings
> In-Call Setup
> Answer Options

The **Answer Options** menu includes:

Multi-key answer by pressing any key

Open To Answer answer by opening the flip












Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's idle display.

Note: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.

Find the Feature

 > Settings > Personalize
> Wallpaper

	Press	To
1		scroll to Picture
2	CHANGE ()	open the picture viewer
3	 up or down	scroll to a picture/animation Scroll to (None) to turn off the wallpaper image.
4	SELECT ()	select the image
5		scroll to Layout
6	CHANGE ()	adjust the image layout
7		scroll to Center or Tile Center places the image in the center of the display and, if necessary, shrinks it to fill the display. Tile repeats the image over the entire display.
8	SELECT ()	confirm the layout setting
9	DONE ()	save wallpaper settings




Setting a Screen Saver Image










You can set a picture or animation as a screen saver image. The image displays when the flip is open and no activity occurs for a specified time.

The screen saver image shrinks to fill the display, if necessary. An animation repeats for 1 minute, then the first frame of the animation displays.

Tip: Turn off the screen saver to extend battery life.

Find the Feature

 > **Settings**
> **Personalize**
> **Screen Saver**

	Press	To
1		scroll to Picture
2	CHANGE ()	open the picture viewer
3	 up or down	scroll to a picture/animation Scroll to (None) to turn off the screen saver image.
4	SELECT ()	select the image
5		scroll to Delay
6	CHANGE ()	set the delay interval
7		scroll to the inactivity interval that starts the screen saver
8	SELECT ()	confirm the delay setting
9	DONE ()	save screen saver settings



Setting Display Contrast

You can set the degree of contrast for your phone display.


Find the Feature

-  > Settings
- > Initial Setup
- > Contrast

Setting Display Color

You can select the color palette that your phone uses to display indicators, highlights, and soft key labels.


Find the Feature

-  > Settings
- > Personalize
- > Color Style

Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Find the Feature

-  > Settings
- > Initial Setup
- > Backlight

Calling Features

For basic instructions on how to make and answer calls, see page 23.

Changing the Active Line



You can change the active phone line to make and receive calls from your other phone number.




Note: This feature is available only for dual-line enabled SIM cards.

Find the Feature

-  > Settings
- > Phone Status
- > Active Line

The active line indicator in the display shows the current active phone line.

Redialing a Number

Press	To
1 	view the dialed calls list
2 	scroll to the entry you want to call
3 	redial the number



Using Automatic Redial




When you receive a busy signal, your phone displays **Call Failed**.


With automatic redial, your phone automatically redials the number. When the call goes through, your phone rings or vibrates 1 time, displays **Redial Successful**, and then connects the call.

You must turn on automatic redial to use the feature. To turn automatic redial on or off:

Find the Feature

 > **Settings**
> **In-Call Setup**
> **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a busy signal and see **Call Failed**:

Press	To
 or RETRY ()	activate automatic redial

Using Caller ID

Incoming Calls



Calling line identification (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.

The phone displays the caller's name when the name matches one stored in your phonebook, or **Incoming Call** when caller ID information is not available.




Outgoing Calls




You can show or hide your phone number as an ID for the calls that you make.

Find the Feature

-  > Settings
- > In-Call Setup
- > My Caller ID

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
IGNORE ()	cancel the incoming call



Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.


Calling an Emergency Number

Your service provider programs 1 or more emergency phone numbers that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.


Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be



placed due to network, environmental, or interference issues.

	Press	To
1	keypad keys	dial the emergency number
2		call the emergency number


Dialing International Numbers




Press and hold  to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. It sorts these lists from newest to oldest and deletes the oldest as you add new ones.





Find the Feature  > **Recent Calls**

Shortcut: Press  to go directly to the **Dialed Calls** list from the idle display.

	Press	To
1		scroll to Received Calls , Missed Calls , or Dialed Calls
2	SELECT ()	select the desired list
3		scroll to an entry

Note: ✓ indicates the call connected.




Press	To
4 	call the entry's number Tip: Press and hold  for 2 seconds to send the number as DTMF tones during a call.
or	
SELECT 	view entry details
or	
	open the Last Calls Menu to select other procedures (shown below)

The **Last Calls Menu** includes the following options:

Option	Description
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete an entry.
Delete All	Delete all entries in the list.
Send Message	Open a new text message with the number in the To field.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:

-  (missed call indicator)



- **X Missed Calls**, where *X* is the number of missed calls

Press	To
1 VIEW (📞)	see the received calls list
2 (📞)	select a call to return
3 (📞)	call the number

Using the Notepad

Your phone temporarily stores the most recent string of digits entered on the keypad in the *notepad*. This can be a phone number that you called, or a number that you entered but did not call.

To retrieve the number from the notepad:

Find the Feature

(☰) > **Recent Calls**
> **Notepad**

Press



or



To

call the number

open the **Dialing Menu** to attach a number or insert a special character

or


STORE (📞)

create a phonebook entry with the number in the **No.** field




Attaching a Number

While dialing (with digits visible in the display):

Press	To
 > Attach Number	attach a number from the phonebook or recent calls lists

Calling with Speed Dial

Each entry you store in your phonebook has a unique *speed dial* number that is stored in phone memory or on the SIM card. To speed dial a phonebook entry:

	Press	To
1	keypad keys	enter the speed dial number for the entry you want to call
2		call the entry

Calling with 1-Touch Dial

To call phonebook entries 1 through 9, press and hold the 1-digit speed dial number for 1 second.

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook (see page 79).



Using Voicemail



You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone.

Storing Your Voicemail Number

Storing your voicemail number in your phone makes it easy for you to listen to new voicemail messages. Usually, your service provider has already done this for you.

Find the Feature



- > Messages
- > Message Settings
- > Voicemail No.

To enter the voicemail number:

Press	To
1 keypad keys	enter your voicemail number
	Tip: You can store your PIN code with the voicemail number (see page 73).
2 OK (📞)	store the number

Listening to a Voicemail Message

When you receive a voicemail message, your phone displays 📞 (voice message waiting indicator) and a **New Voicemail** notification.

Press	To
CALL (📞)	listen to the message







The phone calls your voicemail number. If no voicemail number is stored, your phone prompts you to store one.

Using Call Waiting




When you are on a call, an alert tone sounds to indicate that you have received a second call.

Press	To
1 	answer the new call
2 SWITCH ()	switch between calls
or	
LINK ()	connect the 2 calls
or	
 > End Call On Hold	end the call on hold


You must turn on call waiting to use this feature. To turn call waiting on or off:

Find the Feature


-  > Settings
- > In-Call Setup
- > Call Waiting



Putting a Call On Hold

Press	To
	hold the call

When you have 2 calls on line:

Press	To
	switch between calls
	One call is put on hold when you connect to the other.



Messages and Chat



You can send and receive text messages, pictures, and ring tones with your wireless phone.

Setting Up the Message Inbox

You must set up your message inbox *before* you can send and receive messages.

Note: Usually, your service provider has already set up the message inbox for you.

Find the Feature

-  > Message
- > Message Settings
- > Message Setup
- > Short Msg Setup

To set up the message inbox, you must configure the following settings.

Note: Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Setting	Description
Service Center No.	number of the service center that manages your outgoing text messages




Setting	Description
Expire After	number of days your network should attempt to send undelivered text messages
Reply Type	standard type of replies you want to send—SMS text messages, email, fax, or page
Reply Path	route of the reply message When On , replies follow the path of previous messages you sent.
Notification	When On , your network operator sends you a delivery report.

Sending a Text Message










You can send a text message to 1 or more recipients. You can manually enter each recipient's phone number, or select numbers from the phonebook or recent calls lists.

When you manually enter numbers, insert a space between each entry. Press  once to insert a space.

Find the Feature

 > **Message**
> **Create Message**



Press	To
1 keypad keys	enter the message Tip: Press  to select a text entry mode (see page 28).
or	
 > Insert	insert a quick note, picture or animation, sound, vcard, or vcalendar.
2 OK ()	finish the message
3 keypad keys	enter 1 or more phone numbers
or	
BROWSE ()	select numbers from the Phonebook
4 OK ()	finish entering the number
5 	scroll to the desired option: <ul style="list-style-type: none"> • Send Message • Save to Drafts • Cancel Message
6 SELECT ()	select the desired option






Sending a Quick Note Text Message



Quick notes are prewritten text messages that you can insert into a message and send quickly (for example, **Call me at ...**). You can also create new quick notes.

Find the Feature

 > **Message**
> **Quick Notes**

Press	To
1 	scroll to the quick note
2 READ ()	read the quick note
or	
	open the Quick Note Menu to perform other procedures

The **Quick Note Menu** can include the following options:

Option	Description
New	Create a new quick note.
Edit	Edit a quick note.
Delete	Delete a quick note.
Send	Open a new message with a quick note in the Msg field.



Inserting Pictures and Ring Tones in a Text Message



You can insert pictures, animations, sounds, vcards, or vcalendars into a text message as you type it.

Notes: The recipient's phone may not be able to display the pictures or play the ring tones in your message.

Inserting a Picture or Ring Tone

Enter your message as usual. When you want to insert a picture or ring tone:

Press	To
1	open the Message Menu
2	scroll to Insert
3 SELECT (display a list of item types you can insert
4	scroll to the desired item
5 SELECT (select the item type
6	highlight the specific item you want
7 SELECT (insert the item

Inserted pictures and animations display in the message, while ring tones display (sound file indicator).





Notes:

- Your phone may allow only predefined images and sounds in a message. These files are identified by ★ (predefined object indicator).
- You can insert up to 5 pictures in a message.

Viewing or Deleting an Inserted File

To delete a file you inserted into in a message you are typing:

Press	To
1 	place the cursor to the right of the file type indicator
2 DELETE 	delete the inserted file

Viewing the Status of Sent Text Messages

Text messages that you send are stored in the outbox.

Find the Feature  > Message > Outbox

Messages in the outbox are sorted from newest to oldest. The following indicators show message status:


» = sending in progress  = sent


✕ = sending failed



Receiving a Text Message




When you receive a text message, your phone displays  (message waiting indicator) and a **New Message** notification, and sounds an alert.

Press	To
READ 	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

When your phone displays **Memory is Full!**, delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

After you read a message:

Press	To
	access the Message menu


Option	Description
Reply	Reply to the message.
Delete	Delete the message.
Call Back	Call the number that sends the message.
Chat	Invite the sender to join a chat (see page 65).
Forward	Forward the message to another number.



Option	Description
Details	See message details.
Store	Store the message.
Create Message	Create a new message.








Downloading Pictures and Ring Tones






Text messages that you receive can contain pictures, animations, and ring tones. Pictures and animations are displayed as you read the message. A ring tone begins playing when you scroll to or select  (sound file indicator).

You can store these embedded object files on your phone and use them as screen saver images, wallpaper images, and event alerts.

Storing a Picture or Animation File

	Press	To
1	 up or down	highlight the picture or animation in the message
2		open the Text Msg Menu
3		scroll to Store
4	SELECT ()	display a list of items you can store
5		scroll to File Attachment
6	SELECT ()	view the picture or animation
7	STORE ()	view storage options











Press	To
8 	scroll to Store Only, Apply as Screen Saver, or Apply as Wallpaper
9 SELECT ()	select the option
10 keypad keys	enter a name for the file
11 OK ()	store the file and, optionally, set it as your screen saver or wallpaper image

Note: When you set an animation as a wallpaper image, only the first frame of the animation displays.






For more information about using pictures and animations, see pages 57 and 126.

Storing a Ring Tone

You can store a ring tone on your phone, and use it as an event alert.

Press	To
1  up or down	highlight  (sound file indicator) in the message
2 	open the Text Msg Menu
3 	scroll to Store
4 SELECT ()	display a list of items you can store
5 	scroll to File Attachment
6 SELECT ()	play the ring tone
7 STORE ()	view storage options



Press	To
8 	scroll to Store Only or Apply As Ring Tone
9 SELECT ()	select the option If you select Store Only , go to step 13. If you select Apply As Ring Tone , your phone displays Apply As Which? , and lists the events for which you can set an alert: Calls, Text Msgs, VoiceMail, Alarms, Data Calls.
10 	scroll to the event
11 SELECT ()	select the event
12 keypad keys	enter a name for the ring tone
13 OK ()	store the ring tone and, optionally, set it as the event alert

For more information about using ring tones, see pages 57 and 80.

Reading Information Service Messages



Information service messages are broadcast messages that you can receive, such as stock updates or news headlines.








Setting Up the Information Services Message Inbox

You must set up your information services message inbox *before* you can receive information services messages.

Note: Usually, your service provider has already set up the information services message inbox for you.

Find the Feature


-  > **Message**
- > **Message Settings**
- > **Info Alert Setup**

	Press	To
1	CHANGE 	change the Service setting
2		scroll to Yes or No to turn cell broadcasts on or off
		Note: Your phone may provide an additional Browser Services option on this menu (see page 125).
3	SELECT 	select the service setting
4		scroll to Active Channels
5	CHANGE 	select Active Channels to set the subscription channels
6		scroll to an active channel that you want to disable, or scroll to [New Channel] to add a new channel
7	SELECT 	select the desired channel



Press	To
8 BACK (⏪)	return to the cell broadcast menu
9 CHANGE (↔)	change the Languages setting
10 ⦿	scroll to Lang2 , through Lang6 , and set the languages in which you want to accept cell broadcasts
	Note: You cannot change the Lang1 setting. Lang1 is the default phone language set on the Initial Setup menu.
11 BACK (⏪)	return to the Info Alert Setup menu
12 BACK (⏪)	save the information services message inbox settings and return to the Message Settings menu

Receiving an Information Services Message

When your phone is idle and receives a lengthy information services message, it displays  (message waiting indicator) and a **New Message** notification, and sounds an alert. If the phone is not idle when a



information services message comes in, you see the notification only after you return to the idle display.

Press	To
READ (☐)	open the message

Using Chat



You can exchange text messages in real time with another wireless phone user in a *chat session*. The messages you send are displayed immediately on your chat partner's phone.

Start a Chat Session

Find the Feature ☐ > Chat
 > Chat

	Press	To
1	keypad keys	enter your Chat Name
2	OK (☐)	save your Chat Name
3	keypad keys	enter your chat partner's phone number
	or	
	BROWSE (☐)	select a number from the phonebook
4	OK (☐)	store the number
5	keypad keys	enter your first chat message



	Press	To
6	OK (🗨️)	send the chat message When your chat partner replies, the reply appears below your text.
7	CHAT (🗨️)	enter a reply to your partner
8	OK (🗨️)	send your reply

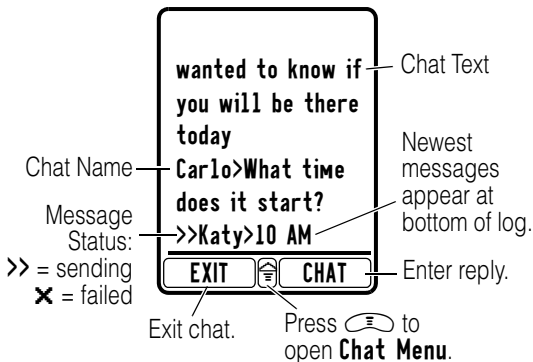
Notes:

- You can start a chat session while viewing a text message. Press (☰) and select **Chat** to start a new session, with the sender's **Reply To** number in the **To** field.
- When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages.




Using the Chat Log

The chat log displays the messages exchanged in a chat session.



Using the Chat Menu

During a chat session, you can press  to open the **Chat Menu** to perform these options:

Option	Description
New Chat	Open a new chat session.
Call Partner	Call your chat partner.
Call Number	Call the number listed in the chat log.
Store Number	Create a phonebook entry for the number listed in the chat log.
End Chat	End the chat session.
Go to Top	Go to the top of the chat log.
Go to Bottom	Go to the bottom of the chat log.



Option	Description
Clear Log	Clear all text from the chat log.
Re-send	Resend your most recent chat message, if it failed.
Send Message	Create a new chat message.

Responding to Chat

When you receive a chat message, your phone displays **Chat from** *chat name*, and sounds an alert.





Press	To
ACCEPT (👁)	accept the chat session
IGNORE (🗑)	refuse the chat session

If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone.

If you receive another chat request during a chat session, the new request appears as an incoming text message, with the requestor's *chat name* at the beginning of the message.



Ending a Chat Session

Press	To
1 	open the Chat Menu
2 	scroll to End Chat
3 SELECT ()	select End Chat
4 YES ()	end the chat session

A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.

Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone receives it as an incoming text message, with your chat partner's *chat name* at the beginning of the message.



If you exit the chat log without selecting **End Chat**, and your chat partner sends another message, your phone notifies you and adds it to the chat log. You can re-enter the session by returning to the chat log.



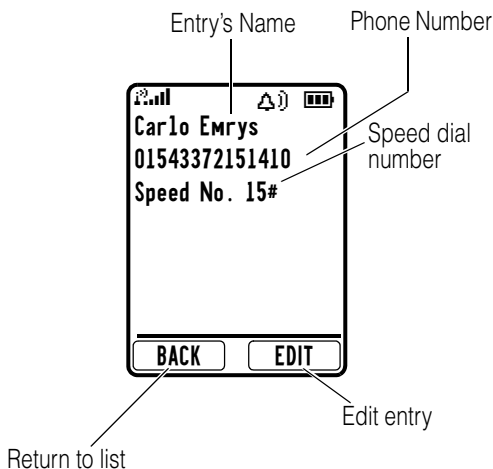
Setting Up Your Phonebook



You can store a list of names and phone numbers in your phone's electronic phonebook.

To see the names in your phonebook, press  > **More** > **Phonebook** from the idle display. Scroll to a name and press **SELECT** () to view details of the phonebook entry as shown below.

Viewing Entry Details




Creating a Phonebook Entry

Entering Information


To create or edit a phonebook entry:

Find the Feature

 > More
> Phonebook

Shortcut: Enter a phone number in the idle display, then press **STORE** () to create a phonebook entry with the number in the **No.** field.

You can store an entry on your phone or on the SIM card. A phone number is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry.

Item	Description
Name	entry name Tip: Press  to select a text entry method (see page 28).
No.	entry's phone number (maximum 32 characters)
Type	entry type Note: This option is not available for entries stored on the SIM card.
Store To	entry's physical storage location (Phone or SIM)
Voice Name	record a voice name for the entry Note: This option is not available for entries stored on the SIM card.





Item	Description
Speed No.	entry's default speed dial number (select to change)
Ringer ID	<p>select to set a distinctive ringer alert for the phone number</p> <p>Your phone uses the alert to notify you when you receive a call from this phone number. To activate ringer ID, see page 81.</p> <p>Note: This option is not available for entries stored on the SIM card.</p>
Image ID	<p>select to set a distinctive image icon for the phone number</p> <p>Your phone displays the selected image to notify you when you receive a call from this number.</p> <p>Note: This option is not available for entries stored on the SIM card.</p>

Completing the Phonebook Entry


When you finish entering information for a phonebook entry:

Press	To
DONE (⏏)	store the entry

Storing a PIN Code With a Phone Number

Note: You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages).

When entering a dialing sequence, insert 1 or more of the following characters as appropriate to ensure that the phone dials and connects properly:

Press	To
 > Insert Pause	insert a p (pause) character Your phone dials the preceding digits, waits for the call to connect, then sends the remaining digit(s).

Note: You can store a maximum of 32 digits per number for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character equals 1 digit.

Recording a Voice Name for a Phonebook Entry

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial.









Note: You cannot record a voice name for an entry stored on the SIM card.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.

Find the Feature

 > More
> Phonebook

Action

- 1 Press  to scroll to the entry.
- 2 Press **SELECT** () to view entry details.
- 3 Press **EDIT** () to edit the entry.
- 4 Press  to scroll to **Voice Name**.
- 5 Press **CHANGE** () to edit the entry.
- 6 Press the voice key to begin recording.
- 7 Press and release the voice key and say the entry's name (in 2 seconds) to record the voice name.
- 8 Press **DONE** () to store the voice name.



Dialing a Phonebook Entry

Use one of the following procedures to call a number (or send a text message to an email address) stored in your phonebook.

Phonebook List

Find the Feature

 > More
> Phonebook

	Press	To
1	keypad key letter	jump to entries that begin with that letter (optional)
2		scroll to the entry
3		make the call




Voice Dial

Press and release the voice key, and say the entry's voice name (within 2 seconds).


Editing a Phonebook Entry

Find the Feature

 > More
> Phonebook

	Press	To
1		scroll to the entry
2	VIEW ()	view entry details
3	EDIT ()	edit the entry

Edit the entry information described on page 71.






Tip: Press  to open the **Phonebook Menu** to perform various operations on the selected entry.



Deleting a Phonebook Entry

Find the Feature

 > More
> Phonebook





Press	To
1 	scroll to the entry
2 	open the Phonebook Menu
3 	scroll to Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Multiple Entries Under the Same Name

You can create multiple entries for the same person to store different numbers, such as home and mobile phone numbers. To differentiate these numbers, you can assign different types to them: **Work**, **Home**, **Main**, **Mobile**, **Fax**, and **Pager**.



Find the Feature

 > More
> Phonebook

Press	To
1 	scroll to the entry
2 SELECT ()	select the entry
3 	scroll to Type
4 CHANGE ()	enter the Type option





Press	To
5 	scroll to the type you want to assign to this particular entry
6 SELECT ()	set the type






After a type is assigned to a particular number, the type icon appears after the entry on the phonebook list.

Copying Entries Between the Phone and SIM Card

Note: These procedures do *not* delete the original entries.

Copying a Single Entry







Find the Feature  > More
> Phonebook

Press	To
1 	scroll to the entry
2 	open the Phonebook Menu
3 	scroll to Copy Entry
4 SELECT ()	select Copy Entry
5 YES ()	confirm the copy and assign a second speed dial location to the entry

Copying All Entries

Find the Feature  > More
> Phonebook






Press	To
1 	open the Phonebook Menu
2 	scroll to Copy Entries
3 SELECT ()	select Copy Entries
4 	scroll to SIM -> Phone or Phone -> SIM
5 SELECT ()	select the desired option
6 YES ()	confirm that you want to copy all entries

Checking Phonebook Capacity

You can see how much memory space remains for phonebook and datebook entries on the phone, and how many more phonebook entries you can store on the SIM card.

Find the Feature

 > **More**
> **Phonebook**





Press	To
1 	open the Phonebook Menu
2 	scroll to Phone Capacity or SIM Capacity
3 SELECT ()	select Phone Capacity or SIM Capacity
	Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your phone memory phonebook, the SIM card phonebook, or the fixed dial list.

Find the Feature

 > Settings
> Initial Setup

Press	To
1 	scroll to 1-Touch Dial
2 CHANGE ()	begin changing the setting
3 	scroll to the desired list
4 SELECT ()	select the list



Personalizing Your Phone





Personalizing a Ring Style

You can change the alerts that notify you of incoming calls, text messages, voicemail messages, data calls, fax calls, alarms, and reminders. Any changes that you make are saved to the current ring style.

Find the Feature

 > More > Ring Styles
> Style Detail

Note: *Style* represents the current ring style.

Press	To
1 	scroll to the desired phone line or event: Line 1, Line 2, Text Message, Voice Mail, Info Alerts, Alarms, Data/Fax Calls
2 CHANGE ()	select the item
3 	scroll to the alert type you want
4 SELECT ()	select the alert type

Activating Ringer ID



When ringer ID is turned **On**, your phone uses distinctive ring tones to notify when you receive incoming calls or messages from entries in your phonebook.

Note: To assign a ringer ID to a new or existing phonebook entry, see page 71.

Find the Feature

 > More > Ring Styles
> Style Detail
> Ringer ID

Note: *Style* represents the current ring style.



Press	To
1 	scroll to On or Off
2 SELECT 	select the option

Setting Ringer or Keypad Volume





Find the Feature

 > More > Ring Styles
> Style Detail

Note: *Style* represents the current ring style.

Press	To
1 	scroll to Ring Volume or Keypad Volume
2 CHANGE 	begin changing the volume setting



Press	To
3  through 	specify the desired volume
or	
4 	increase or decrease the volume
5 OK ()	confirm the new volume



Setting Reminders

A reminder is an alert that rings or vibrates at regular intervals to notify you about a voicemail, text, email, or chat message that you have received.

Find the Feature

 > **More** > **Ring Styles**
> **Style Detail**
> **Reminder**

Note: *Style* represents the current ring style.


Press	To
1 	scroll to Beep or Vibrate to set the reminder alert type, or Off to turn off all reminders
2 SELECT ()	select the reminder alert

Personalizing Display Text



To change the greeting that appears when you turn on your phone:

Find the Feature



-  > Settings
- > Personalize
- > Greeting

Setting the Menu View



You can set your phone to display the main menu as graphic icons (the default setting) or as a text-based list.

Find the Feature

-  > Settings
- > Personalize
- > Main Menu

Press	To
1 	scroll to Icons or List
2 SELECT 	select the menu view





Personalizing Soft Keys and Menu Icons

You can change the menu feature icons and soft key labels ( and ) that appear in the idle display, to access different main menu items from the idle display.

Find the Feature

-  > Settings
- > Personalize
- > Home Keys



Press	To
1 	scroll to Scroll Up , Scroll Down , Scroll Left , Scroll Right , Left Soft Key , or Right Soft Key
2 CHANGE ()	select the icon or soft key
3 	scroll to a menu feature
4 SELECT ()	confirm the menu feature

Setting the Menu Language

Set the language in which your phone displays menu features and options.

Find the Feature

 > **Settings**
> **Initial Setup**
> **Language**

Resetting All Options

Reset all options to their original factory settings, *except* the unlock code, security code, and lifetime timer.

Find the Feature

 > **Settings**
> **Initial Setup**
> **Master Reset**

Clearing All Stored Information

Reset all options to their original factory settings (*except* the unlock code, security code, and lifetime timer), erase all downloaded pictures, animations, and sound files, and

clear all user settings and entries *except* information stored on the SIM card.

Caution: Master Clear *erases all user-downloaded content and user-entered information* stored in your phone's memory, including phonebook and datebook entries. Once you erase the information, it cannot be recovered.

Master Clear does *not* delete any information stored on the SIM card.

Find the Feature



- > Settings
- > Initial Setup
- > Master Clear





Creating and Using Shortcuts

Your phone includes several standard shortcuts. You can create additional custom shortcuts to frequently-used menu items.







Standard Shortcuts

These shortcuts are pre-programmed on your phone. You cannot edit or delete these shortcuts.



Task	Shortcut
Change your phone's ringer alert setting.	Open the flip, then press the volume key down (at lowest volume setting) to switch to vibrate call alert. Press again to switch to silent call alert. Press the volume key up to cycle back to vibrate alert, then ring alert.
Go to the dialed calls list.	From the idle display, press  .
Exit the menu system.	Press  .

Creating a Shortcut


You can create keypad shortcuts for menu options.

Action
1 Press  to enter the menu system.
2 Press  to scroll to the menu item.
3 Press and hold  to open the shortcut editor.
4 Press YES () to view shortcut options.
5 Press  to scroll to Name or Key .
6 Press CHANGE () to begin changing the item.

Action

- 7 Press **OK** () when you finish changing the item.
 - 8 Press **DONE** () to store the shortcut.
-
-

Using a Keypad Shortcut

Press	To
1 	open the main menu
2 a number key	go to the menu item with that shortcut number





Selecting a Shortcut From the List

Find the Feature  > Shortcuts
> *shortcut name*

Editing or Deleting a Shortcut

The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

Find the Feature  > Shortcuts

Press	To
1 	scroll to the shortcut
2 	open the Shortcut Menu to perform procedures as described below

The **Shortcut Menu** can include the following options:

Option	Description
New	Add a new shortcut.
Edit	Edit the shortcut.
Delete	Delete the shortcut.
Delete All	Delete all shortcuts.



Getting More Out Of Your Phone

Making a Conference Call



Link an active call and a call on hold together so that all parties can speak to each other.

	Press	To
1	keypad keys	dial the first party's number
2		call the number
3	HOLD () (if available) or > Hold	put the call on hold.
4	keypad keys	dial the next party's number
5		call the number
6	LINK ()	connect the 2 calls
7		end the entire call

Tip: Repeat steps 3-6 to add additional parties to the conference call.

Forwarding Calls



You can forward your phone's calls directly to another phone number.










Setting Up or Canceling Call Forwarding

Find the Feature

 > Settings
> Call Forward

The forwarding options are:

Divert All	forward all calls
When Busy	forward calls when the line is busy
If No Reply	forward calls when your phone does not reply
Unreachable	forward calls if your phone is unavailable
Cancel All	cancel all forward settings

	Press	To
1	SELECT ()	select Call Forward
2		scroll to a forwarding option
3	SELECT ()	select the option
4		scroll to Activate
5	SELECT ()	select Activate
6	keypad keys	enter the forwarding phone number
7	OK ()	store the number
8	DONE ()	save call forwarding settings

Note: Repeat this procedure to enter forwarding information for other call types.



Checking Call Forwarding Status

Your network may store call forwarding status for you. To confirm the network call forwarding settings, go to each forward option, and check **Status**.






Barring Calls



Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature

 > Settings > Security
> Call Barring

Press	To
1 	scroll to All Outgoing, Int'l Outgoing, Int'l Except Home, All Incoming, or When Roaming
2 SELECT ()	select the option
3 	scroll to Activate
4 SELECT ()	select Activate
5 keypad keys	enter your call barring password
6 OK ()	submit your password



Using Fixed Dialing






When you turn on fixed dialing, users can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other

prefixes.

Turning Fixed Dialing On or Off

Find the Feature

 > Settings > Security
> Fixed Dial
> Set Status

Press	To
1 keypad keys	enter your SIM PIN2 code
2 OK ()	open the set status menu
3 	scroll to On or Off
4 SELECT ()	select On or Off

Using the Fixed Dial List

You must turn on fixed dialing to open the fixed dial list (see above).

Find the Feature

 > Settings > Security
> Fixed Dial > Modify

Action
1 Enter your SIM PIN2 code.

Action

- 2 Create or edit fixed dial entries, in the same way that you create or edit phonebook entries.

Note: Fixed dial entries are stored on your SIM card, and do not include **Type**, **Voice Name**, or **Ringer ID** information.

Using Service Dialing



Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.

Find the Feature



> **Tools**

> **Service Dial**

Using DTMF Tones

You can send numbers to the network as *Dual Tone Multi-Frequency* (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

Activating DTMF Tones

You can set DTMF tones to **Long**, **Short**, or **Off**:

Find the Feature



> **Settings**

> **Initial Setup** > **DTMF**

- **Short** sends a short fixed-duration tone for each keypress. Short DTMF tones work with most automated systems.



- **Long** sends each tone for as long as you press the key. Some systems (such as home answering machines) require long tones for proper activation.

Sending DTMF Tones

Using the Keypad


Press the number keys to send the numbers as DTMF tones during a call.

To send numbers as long tones, make sure that DTMF is set to **Long**. During a call, enter any single short keypress to set the phone to DTMF mode, then send the required numbers by pressing and holding each key in turn.

Monitoring Phone Use

View and Reset Call Timers



Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

To view a call timer:

Find the Feature

 > **More** > **Recent Calls**
> **Call Times**

Select one of the following options:

Timer	Description
Last Call	Approximate time spent on the last dialed or received call. You cannot reset this timer.
Dialed Calls	Approximate total time spent on dialed calls since the last time you reset this timer.
Received Calls	Approximate total time spent on calls received since the last time you reset this timer.
All Calls	Approximate total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Approximate total time spent on all calls on this phone. You cannot reset this timer.




To reset the call timer that you are viewing:

Press	To
1 RESET (⏮)	reset the time (if available)
2 YES (⏪)	confirm the reset

Using a Timer During a Call

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

Find the Feature

 > **Settings**
> **In-Call Setup**
> **In-Call Timer**

Select one of the following **Display** options:

- | | |
|-------------|--|
| Time | Display the approximate elapsed time for the current call. |
| Off | No in-call timer display. |

Specify an interval (in seconds) at which the timer beeps, or turn off the in-call beep.



Viewing and Managing Cost Trackers

To view a cost tracker:




Find the Feature

 > **More** > **Recent Calls**
> **Call Cost**

Press  to scroll to one of the following cost tracker types, then press **VIEW** () to view it:

Cost Tracker	Description
Last Calls	Amount spent on last dialed or received call. You cannot reset this cost tracker.

Cost Tracker	Description
Dialed Calls	Amount spent on dialed calls since the last time you reset this cost tracker.
Received Calls	Amount spent on received calls since the last time you reset this cost tracker.
All Calls	Amount spent on dialed and received calls since the last time you reset this cost tracker. You can reset this value separately from Dialed Calls and Received Calls , so Dialed Calls plus Received Calls may not equal All Calls .

Press  from the **Call Cost** screen to access the **Call Cost Setup** options listed in the table below.

Note: You must enter your PIN2 code to access these options.

Cost Tracker	Description
Reset All Costs	Reset call costs, if available.
Credit Limit	Specify how much credit you are allowed (if you subscribe to a call cost option or advice of charge).



Cost Tracker	Description
Currency Setup	Specify: <ul style="list-style-type: none"> • currency in which costs are displayed • units of currency

Adjusting Network Settings



Your service provider registers your phone to its network. In some situations, such as when using the phone as a modem or connecting it to a TTY device, you may need to change the network

registration.

Note: Some settings and/or options described in this section may not be available for all phone models.

Viewing the Current Registered Network

The current network with which you are registered is shown on the idle display.

Finding a New Network

You may wish to switch to another network to improve the calling conditions or because of network coverage or roaming conditions. To select a new network:

Find the Feature



> **Settings** > **Network**
> **New Network**

Your phone locates and registers on the strongest network rather than the current one.




Listing All Networks

View a list of available networks, and register your phone with a network.

Find the Feature

 > Settings > Network
> Available Networks

Your phone displays a list of available networks.

Press	To
1 	scroll to the network you want
2 VIEW ()	view network details
3 REGISTER ()	register with the network





Changing Network Setup Values

Set how your phone searches for a network connection.

Note: Actual field names and values may vary depending on the technologies available to your service provider.

Find the Feature

 > Settings > Network
> Network Setup

Press	To
1 	scroll to an item to change
2 CHANGE ()	open the item's list
3 	scroll to an option described in the following lists
4 SELECT ()	select the option



Network search **Type** options:

Setting	Description
Automatic	scan for networks automatically based on priority
Manual	view a list of all networks from which you can choose

Network search **Speed** options:

Speed	Description
Slow	slowest network search and repeat rate
Medium	medium search/repeat
Fast	fast search/repeat
Continuous	continuous search until a network is found



Setting Preferred Networks


You can create a preferred networks list so that your phone searches for networks according to your preference. The preferred list normally is stored on your SIM card, but some service providers may store network preferences on the phone.

Accessing the Preferred Network List

Find the Feature

 > Settings > Network
> My Network List



	Press	To
1		scroll to the network you want
2	VIEW 	view network details

Your home network is always the first entry in the list, and is identified by  (home icon). Other network entries are sorted by preference.

Adding an Entry to the Preferred Network List

Find the Feature

 > Settings > Network
> My Network List
> Add Network







	Press	To
1		browse available or known networks
	or	
	keypad keys	enter the network ID number
2	OK 	confirm the new entry



Editing a Preferred Network List Entry

Find the Feature






 > **Settings** > **Network**
> **My Network List**

Press	To
1 	scroll to the entry
2 	open the network menu
3 	scroll to Edit
4 SELECT (	select Edit
5 DELETE (	delete information
or	
keypad keys	enter information
6 OK (	store the new information

Deleting a Preferred Network List Entry

Find the Feature

 > **Settings** > **Network**
> **My Network List**




Press	To
1 	scroll to the entry
2 	open the network menu
3 	scroll to Delete
4 SELECT (	select Delete
5 YES (	confirm the deletion

Adjusting Service Tones

You can set your phone to beep each time the network

registration status changes.




Find the Feature  > **Settings** > **Network**
> **Service Tone**

	Press	To
1	CHANGE ()	begin changing the option
2		scroll to On or Off
3	SELECT ()	select the option

Setting the Call Drop Alert

You can set your phone to emit an alert tone whenever the network drops a call. Because digital networks are so quiet, the call drop alert may be your only indication that a call has been dropped.

Find the Feature  > **Settings** > **Network**
> **Call Drop Tone**

	Press	To
1	CHANGE ()	begin changing the option
2		scroll to On or Off
3	SELECT ()	select the option

Setting GPRS Auto Attach

When you set the **GPRS Auto Attach** feature to **On**, your phone will automatically open a GPRS connection when you power on the phone. When you set this feature to **Off**, your phone activates a GPRS connection when you start your browser.



Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature

-  > Settings
- > Phone Status
- > Battery Meter

When all bars display, the battery is fully charged; when only 1 bar displays, it is time to recharge.



Personal Organizer Features

Datebook

Find the Feature

 > Tools > Datebook

The datebook is a calendar that lets you schedule and organize events such as appointments and meetings. You can set the datebook to send a reminder alarm for specific events.

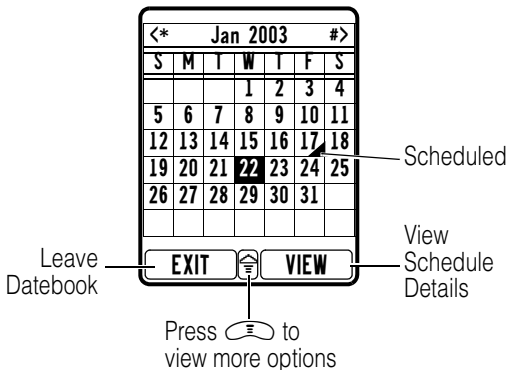
The datebook also provides an alarm clock with delay button.

Note: You must set the correct time and date on your phone to use the datebook. See “Setting the Time and Date” on page 38.



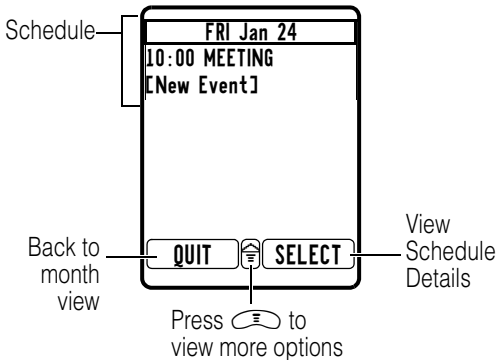
Month View

The datebook initially displays a calendar for the month. A triangle at the bottom right of a date indicates scheduled events.



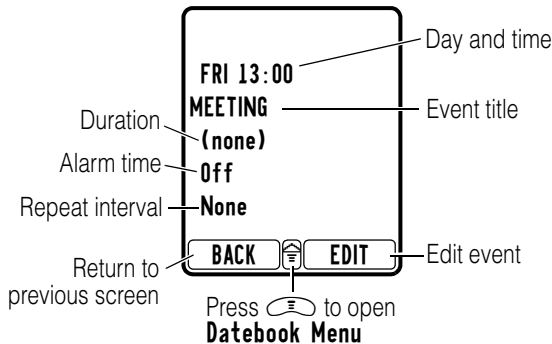
Day View

To see the events for a specific date, scroll to that date and press **VIEW** (📅).



Event View

Select an event and press **VIEW** (📅) to see event details.



Add a Datebook Event









A title is required for a datebook event. All other information is optional.

Notes:



- You must create an event to use the reminder alarm.
- You must turn on your phone for the reminder alarm to sound.

Find the Feature

 > **Tools** > **Datebook**
 > *day*
 > **New**










Press	To
1 	scroll to the desired date
2 	open the Datebook Menu
3 	scroll to New
4 CHANGE 	select New
5 CHANGE 	select Title
6 keypad keys	enter a title for the event
	Tip: Press  to select a text entry mode (see page 28).
or	
BROWSE 	access the Quick Titles list to select a preset title
7 OK 	store the event title



Press	To
8 	scroll to other fields and enter information as necessary
	You can set start time, duration, date, repeat interval, and an event reminder.
9 DONE ()	store the event

Changing Event Information

Find the Feature  > Tools > Datebook














Press	To
1 	scroll to the desired date
2 VIEW ()	display the day view
3 	scroll to the event
4 SELECT ()	display event details
5 EDIT ()	begin editing event details
6 	scroll to the information you want to change
7 CHANGE ()	select the information to be changed
8 keypad keys	enter new information
9 OK ()	confirm the change
	Note: Repeat steps 6 through 9 for each item to be changed.
10 DONE ()	store the event



Copying an Event

Find the Feature

 > Tools > Datebook








	Press	To
1		scroll to the desired date
2	VIEW (	display the day view
3		scroll to the event
4		open the Datebook Menu
5		scroll to Copy
6	SELECT (	copy the event
7	OK (	confirm the copy
		Your phone assumes that you want to change the date, and displays the Date field.
8	keypad keys	enter the date information
		Note: Press  () or  right to move to month, day, and year.
9	DONE (	save the copy of the event
10		scroll to and edit other event information, if necessary
11	DONE (	store the information

Deleting an Event

Find the Feature

 > Tools > Datebook





Press	To
1  left or right	scroll to the desired date
2 VIEW ()	display the day view
3 	scroll to the event
4 	open the Datebook Menu
5 	scroll to Delete
6 SELECT ()	select Delete
7 YES ()	confirm the deletion

Viewing and Dismissing an Event Reminder

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm.

When your phone displays the event reminder and sounds the reminder alarm:

Press	To
QUIT ()	immediately dismiss the reminder (without viewing it) and the reminder alarm
or	
VIEW ()	display event details
	You can now edit the event details, if desired (for example, if you want to reset the reminder for a later time).




If you have more than 1 event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next one is displayed.

Changing the Datebook Setup

You can set the length of time that events are stored.

Find the Feature

 > **Datebook**

 > **Setup**





Alarm Clock

Your phone includes an alarm clock which you can set up according your own need.

Find the Feature

 > **Alarm Clock**

Setting the Alarm

Press	To
1 	scroll to daily or once
2 SELECT ()	select daily or once
3  or keypad keys	enter the alarm activation time
4 DONE ()	store the alarm setting

Note: To set or change the alarm's ring alert, see page 80.



Turning Off the Alarm

When the alarm is activated, your phone rings or vibrates (depending on the alarm ring alert setting for the current ring style), and displays the time and alarm title.

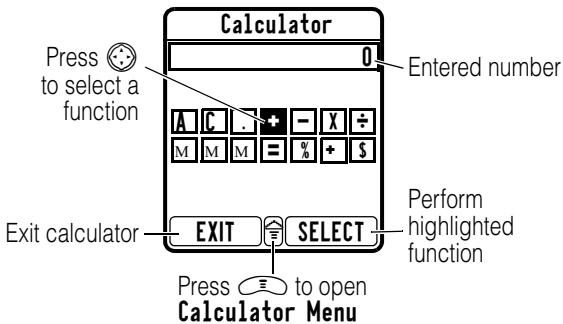
The alarm is programmed to ring for 30 minutes, or until you perform 1 of the following operations.

Press	To
QUIT (⏏) or ⏏	turn off the alarm



Calculator

Find the Feature  > Tools > Calculator

You can use your phone as a calculator and currency converter.



Calculating Numbers

	Press	To
1	number keys	enter a number
2		scroll to select a calculator function
3	SELECT 	perform the function

The calculator can perform the following functions:

Function	Description
.	Insert a decimal point.
C	Clear the calculation.
CE	Clear entry (replaces C when you enter subsequent values in a calculation).
+	Add.
-	Subtract.
x	Multiply.
÷	Divide.
MS	Store the value in memory (overwrites values already stored).
MC	Clear the value stored in memory.
MR	Replace the displayed value with the value stored in memory.
=	Calculate the result.
%	Divide the displayed value by 100.
\$	Calculate the exchange rate.



Function	Description
±	Change the entry's sign (positive/negative).

Converting Currency

The currency converter works just like the calculator, but uses the \$ (currency) function:

Find the Feature



> Calculator



> Exchange Rate

	Press	To
1	number keys	enter the exchange rate
2	OK (⏏)	store the exchange rate
3	number keys	enter the amount to convert (amount to multiply by the exchange rate)
4	⌂	scroll to the \$ function
5	SELECT (⏏)	perform the conversion






Security

Locking the SIM Card

Your *Personal Identification Number* (PIN) code protects the information stored on your SIM card. When the SIM card is locked, you must enter your SIM card PIN code to unlock the SIM card each time you turn on the phone or insert the SIM card in the phone.

Find the Feature

 > Settings > Security
> SIM PIN









	Press	To
1		scroll to On or Off
2	SELECT ()	switch SIM PIN lock on or off
3	keypad keys	enter your SIM card PIN code
4	OK ()	submit your code

Unlock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. You must enter a PIN Unlocking Key (PUK) code, which you can obtain from your service provider.



Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.










Press	To
1     	open the PIN unblocking editor
2 keypad keys	enter the PUK code
3 OK 	submit the PUK code
4 keypad keys	enter a new SIM card PIN code
	Note: The SIM PIN code must be between 4 and 8 digits in length.
5 OK 	assign the new SIM PIN code
6 keypad keys	re-enter the new SIM PIN code
7 OK 	confirm the new SIM PIN code and unblock the SIM card

Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code 3 times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM B1ocked** when you try to use a PIN2 feature. You must enter a PIN2



unlocking key (PUK2) code, which you can obtain from your service provider.

Press	To
1      	open the PIN2 unlocking editor
2 keypad keys	enter the PUK2 code
3 OK ()	submit the PUK2 code
4 keypad keys	enter a new SIM card PIN2 code
	Note: The SIM PIN2 code must be between 4 and 8 digits in length.
5 OK ()	assign the new SIM PIN2 code
6 keypad keys	re-enter the new SIM PIN2 code
7 OK ()	confirm the new SIM PIN2 code and unblock PIN2 features



News and Entertainment





Micro-Browser



The micro-browser lets you access Web pages and Web-based applications on your phone.

Contact your service provider to set up access, if necessary.

Note: Your phone may use a high-speed GPRS (General Packet Radio Service) network connection. This type of connection is identified by  in the idle display that disappears when you start a micro-browser session. If you see  (connected call indicator) during a micro-browser session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.



Starting a Micro-Browser Session

Find the Feature




> Web Access

> Web Browser






Press	To
1 	scroll to a bookmark, service, or application
2 SELECT ()	select the item



Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press  > **Go To** to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages




Press	To
	scroll through text, or highlight a selectable item
SELECT 	select the highlighted item
keypad keys, followed by OK 	enter information
BACK 	go back to the previous page
	open the Browser Menu

Downloading Pictures and Ring Tones

You can download a picture, animation, or ring tone from a web page by using its link. A picture or animation is displayed when downloading is complete. A ring tone begins to play when downloading is complete.

You can store these object files on your phone, and use them as screen saver images, wallpaper images, and event alerts.

Storing a Picture or Animation File



Press	To
1 STORE 	view storage options
2 	scroll to Apply as Screen Saver
3 SELECT 	store the file and, optionally, set it as your screen saver image

Note: When you apply an animation as a wallpaper image, only the first frame of the animation is displayed.

For more information about using pictures and animations, see pages 57 and 126.

Storing a Ring Tone

You can store a ring tone on your phone, and apply it as an event alert.

Press	To
1 STORE 	view storage options
2 	scroll to Store Only or Apply As Ring Tone





Press	To
3 SELECT (👁)	select the option If you select Store Only , the procedure is complete. If you select Apply As Ring Tone , your phone displays Apply As Which? , and lists the events for which you can set an alert.
4 (🔄)	scroll to the event
5 SELECT (👁)	store the sound and set it as the event alert

For more information about using sound files, see pages 57 and 80.

Selecting or Creating a Proxy Setting

Use this feature to select or create a proxy setting, or network connection profile. You can use different proxy settings to connect to the Internet in different ways.

Find the Feature

- (☰) > Web Access
- > Browser Setup
- > Proxy Setting

To create a proxy setting, You must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available

to your service provider. Some settings may not be available for all phone models.



Setting	Description
Name	proxy setting name
Homepage	default home page
WAP IP 1	primary WAP gateway IP address
WAP Port 1	primary WAP port number
WAP IP 2	secondary WAP gateway IP address
WAP Port 2	secondary WAP port number
Time Out	time at which the phone exits the micro-browser application when no keypress activity is detected
GPRS APN	GPRS access point name (the name of the WAP service provider)
GPRS User Name	user name for primary CSD number
GPRS Password	password for primary CSD number
Bearer Type	select 1 of the following: GPRS only GPRS First CSD Only CSD First





Setting	Description
CSD Setting	<p>specify the following:</p> <p>CSD No. 1—primary phone number used to set up a CSD connection</p> <p>User Name 1—user name for primary CSD number</p> <p>Password 1—password for primary CSD number</p> <p>Speed (Bps) 1—connection speed for primary CSD number</p> <p>Line Type 1—line type (modem or ISDN) for primary CSD number</p> <p>CSD No. 2—secondary CSD dial-up phone number</p> <p>User Name 2—user name for secondary CSD number</p> <p>Password 2—password for secondary CSD number</p> <p>Speed (Bps) 2—connection speed for secondary CSD number</p> <p>Line Type 2—line type (modem or ISDN) for secondary CSD number</p>

Running the Micro-Browser in the Background

Some phones are set to run a micro-browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines, or sports scores). These types of services typically are available through subscription from your service provider.



Turning a Background Micro-Browser Session On or Off

Press	To
1 	scroll to On or Off
2 SELECT ()	select the setting

Setting Service Preferences

To run a background micro-browser session, you must indicate your service preferences. Contact your service provider for more information.

Action
1 Open your home page or go to your service provider's setup page. Your phone displays a menu of available folders and channels.
2 Set up your options. The phone runs the micro-browser in the background and displays your choices.

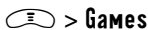
Games

Your phone contains several games that you can play between calls. Each game includes online playing instructions.



Launching a Game

Find the Feature



	Press	To
1	A circular icon with four arrows pointing outwards, representing a scroll gesture.	scroll to the game
2	SELECT (A small icon of a hand pointing to a screen, representing a select gesture.)	launch the game

Viewing Images

Your phone contains pictures and animations that you can insert into text messages, and use as wallpaper and screen saver images.



Downloading Pictures

To download a picture or animation from the micro-browser, see page 120. To download a picture or animation from a text message, see page 60.

Managing Pictures






Note: Your phone may include predefined images. These images are identified by ★ (predefined object indicator).

You cannot rename, delete, or view details about predefined images.

Find the Feature

 > More > Media Center
> Images



Press	To
1 	scroll to the picture
2 SELECT ()	view the picture
3 	scroll to view the previous/ next picture
or	
DETAILS ()	view picture information
or	
	open the Images Option menu to perform other procedures

The **Images Option** menu can include the following options:

Option	Description
Delete	Delete the picture.
Send in Message	If the picture is in a EMS-compatible format, this option automatically starts the short message editor and inserts the picture into the message. Edit and send the message as you do with normal messages.
Details	View picture information.



Option	Description
Rename	Rename the picture.
View Freespace	View the free space available for extra files.







Creating Ring Tones

Your phone provides you with 8 channels to create a ring tone. You can create and store custom ring tones on your phone. The ring tones appear in the list of available alerts.

Creating a Tone

Find the Feature

 > More > Media Center
 > Sounds 
 > Create

Press	To
1 	scroll to the channel you want
2 EDIT ()	begin entering tone information
or	
 ,  , and SELECT ()	select the Composer Option menu, then scroll to and select Edit. to begin entering tone information
3 keypad keys	enter notes (see the next section, "Entering Notes")
4 OK ()	store the notes



Press	To
5 BACK (⏪), then YES (⏩)	exit and begin saving the custom tone
or	
6 (☰), (⊙), and SELECT (⏩)	select the Composer Option menu, then scroll to and select Save
7 keypad keys	enter a name for the tone
8 OK (⏩)	store the name

Entering Notes

To create a new ring tone, use the keypad keys to enter notes.

Each entry includes 3 parts:

- the length—the higher the number, the longer the note is held
- the frequency—C, D, E, F, G, A, B, on the musical scale
- the octave—the higher the number, the higher the octave

Press a key (1-9) through (7*0) to generate the note, then press (8) or (9) to set the length and (0) to set the octave, as described in the following lists.

Notes

When you press a key $\textcircled{1-0}$ through $\textcircled{7\text{trn}}$ to generate the desired note, your phone displays a 3-character sequence. The note is represented by the 2nd character

Key	Description	Display
$\textcircled{1-0}$	note C	C
$\textcircled{2\text{acc}}$	note D	D
$\textcircled{3\text{maj}}$	note E	E
$\textcircled{4\text{chr}}$	note F	F
$\textcircled{5\text{maj}}$	note G	G
$\textcircled{6\text{min}}$	note A	A
$\textcircled{7\text{trn}}$	note B	B

Lengths and Modifiers

After you generate the note, press $\textcircled{8\text{trv}}$ and $\textcircled{9\text{min}}$ to lengthen or shorten the note. Press $\textcircled{*}$ to enter a rest, and $\textcircled{\#}$ to generate a sharp. The length is represented by the 1st character of the 3-character note sequence..

Key	Description	Display
$\textcircled{8\text{trv}}$	lengthen note	1 - 8
$\textcircled{9\text{min}}$	shorten note	
$\textcircled{*}$	rest	40
$\textcircled{\#}$	sharp	#

The length settings correspond to note lengths as follows:

Length Setting	Note Length
1	1/16
2	1/8
3	3/16
4	1/4
5	3/8
6	1/2
7	3/4
8	1



The default length setting for a new note is 4

Octave

After you generate a note, press \odot to change the octave. The octave is represented by the 3rd character of the 3-character tone note sequence. The octave ranges from 4 through 7.

Each time you press \odot , the octave increases by 1 until it reaches 7. At the next press, it starts over at 4.

Key	Description	Display
\odot	increase octave by 1	4 - 7

The octave settings correspond to octaves as follows:

Octave Setting	Octave
4	decrease 1 octave

Octave Setting	Octave
5	base
6	increase 1 octave
7	increase 2 octaves

The default setting for a new note is octave 5.

Note Entry Sequence



Action	
1	Enter a sharp (#) <i>before</i> selecting the note, if necessary. (optional)
2	Press a keypad key to select the note. (required)
3	Set the length <i>after</i> selecting the note. If you do not specify a length, the default length (4) is used.
4	Set the octave <i>after</i> selecting the note. If you do not specify an octave, the default octave (5) is used.

You can perform the following tasks when creating a tone:

Task	Action
insert a rest	Enter 1 or more rests (40 characters) as needed in the tone sequence. Set the length of the rest (1 to 8) <i>after</i> you enter the rest, just as you would for a note.







Task	Action
listen to a new tone as you compose it	Press  to enter the Channel Option menu, and select Play to play the notes you have entered.
set the type of instrument to be used for playing your note sequence	Press  to enter the Channel Option menu, and choose from a list of musical instruments. Then, when you play the notes you entered, they are played on the instrument you selected.

Playing a Tone

Find the Feature

 > More > Media Center
> Sounds

Press	To
1 	scroll to the tone
2 PLAY ()	play the tone


Editing a Tone

You cannot edit the predefined ring tones included with your phone.

To edit a custom ring tone:

Find the Feature

 > More > Media Center
> Sounds

Press	To
1 	scroll to the custom tone



Press	To
1	open the Sounds Option menu
2	scroll to Edit
3 SELECT ()	select EDIT
4	scroll to the desired channel
5 EDIT ()	enter edit mode
6 keypad keys	modify the tone
7 OK ()	finish editing and save your changes

Deleting a Tone

You cannot delete the predefined ring tones included with your phone.

To delete a custom ring tone:

Find the Feature > **More** > **Media Center**
> **Sounds**

Press	To
1	scroll to the custom tone
2	open the Sounds Option menu
3	scroll to Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion






Renaming a Tone

You cannot rename the predefined ring tones included with your phone.

To delete a custom ring tone:

Find the Feature

 > More > Media Center
> Sounds

Press	To
1 	scroll to the custom tone
2 	open the Sounds Option menu
3 	scroll to Rename
4 SELECT ()	select Rename
5 keypad keys	enter a new name
6 OK ()	confirm and save the new name

Download a Ring Tone



You can download custom ring tones from the micro-browser application, or from a text message. To download tones from the micro-browser, see page 120. To download tones from a text message, see page 60.

Send Ring Tones








You can send ring tones to other wireless phone users. To insert a ring tone in a text message, see page 57.



Troubleshooting


Check these questions first if your phone does not seem to work properly. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (USA) or 1-800-461-4575 (Canada).



Question	Answer
Is your battery charged? Is  displayed?	The battery level indicator should have at least 1 segment showing (). If it does not, recharge your battery (see page 19).
Have you installed a valid SIM card?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card (see page 18).
Does the phone have a signal? Is  displayed?	The signal strength indicator should have at least 1 segment showing (). If it does not, move to an area with a stronger signal.
Is the earpiece volume too low?	While on a call, press the volume key (on the side of your phone) up.
Is the other party unable to hear you?	Your phone may be muted. If necessary, press UNMUTE () to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.

Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover these types of damages.
Was a non-Motorola battery or battery charger used?	




The following refer to specific symptoms:

Symptom	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See page 37.
I pressed the power key, but nothing happened.	Be sure to press and hold  (the power key) until you see the welcome display and an alert sounds. This could take several seconds. If nothing happens, check that a charged battery is installed (see page 18).






Symptom	Solution
The display shows: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 18).
The display shows: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN Unlocking Key (PUK) code (see page 116).
The display shows: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).
My phone prompts for an unlock code when I try to open a feature.	The feature you want is locked. If you do not know the unlock code, see page 37.




Symptom	Solution
My phone does not ring.	<p>If the phone displays  or , the ringer is turned off. To change the ring style, see page 38.</p> <p>Also, the ringer may be set to Silent even though your phone is set to an audible ring style. To set an audible alert, see page 80.</p>
I tried to place a call and heard an alternating high/low tone.	<p>Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before placing a call.</p>
I cannot send/receive calls.	<p>Make sure that you have a phone signal (the signal strength indicator should have at least 1 segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.</p> <p>Your phone also may have the Call Barring feature turned on. If you know the unlock code, you can change this setting in the security menu ( > Settings > Security).</p> <p>Also, check to be sure your SIM card is installed and working.</p>





Symptom	Solution
My phone has poor reception and drops calls.	<p>Make sure that your antenna is not bent or damaged.</p> <p>Also, make sure you have a phone signal (the signal strength indicator should have at least 1 segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.</p>
I cannot hear others on my phone.	<p>While on a call, press the volume key (on the side of your phone) up. Your phone display should show the volume increasing.</p> <p>Also, make sure that your phone's earpiece is not blocked by its carrying case.</p>
I cannot open my text message inbox.	<p>Before you can use text messages, you must set up the message inbox (see page 53).</p>
How do I see the calls I sent or received?	<p>To see the most recent calls you dialed or received:</p> <p> > More > Recent Calls > Received Calls or Dialed Calls</p>



Symptom	Solution
My phone does not send voicemail commands, passwords, or other codes.	<p>You must send PIN codes and passwords as DTMF tones while on a call. You can set your phone's DTMF tones to be Long, Short, or Off. If you have trouble sending numbers, try changing the DTMF setting.</p> <ol style="list-style-type: none">From the idle display, press:  > Settings > Initial Setup > DTMFPress  to scroll to Long or Short.Press SELECT () to select it.
My phone's display is too dark.	<p>Use the Contrast feature to change the level of contrast in your display (see page 42).</p> <p>You can also use the Backlight feature to change the length of time that the display backlight stays on (see page 42).</p>
My phone's battery charge doesn't last as long as I expected. What can I do to extend battery life?	<p>Battery performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 20.</p>



Symptom	Solution
I am unable to record a voice note, voice name, or voice shortcut	Try moving to a quieter location to make your voice recording. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
I launched the micro-browser but the display shows: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display shows: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

Specific Absorption Rate Data

This model phone meets the international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.¹ Tests for SAR are conducted in accordance with CENELEC² testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is 0.7W/kg.³

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this

product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

1. The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
2. CENELEC is a European Union standards body.
3. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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