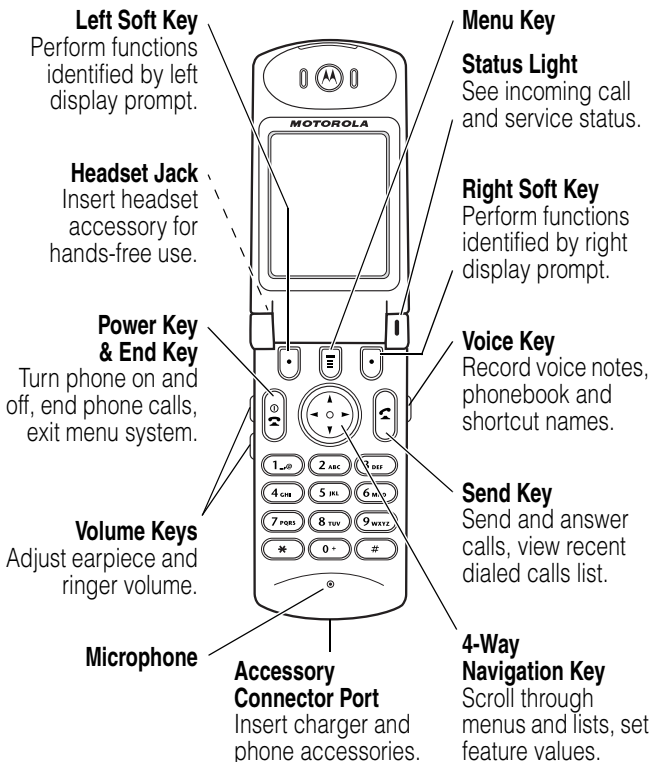# Motorola T722i

Wireless Phone
Comprehensive User's Guide

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola T722i GSM wireless phone.

Left Soft Key
Perform functions identified by left display prompt.

Headset Jack
Insert headset accessory for hands-free use.

Power Key & End Key
Turn phone on and off, end phone calls, exit menu system.

Volume Keys
Adjust earpiece and ringer volume.

Microphone

Accessory Connector Port
Insert charger and phone accessories.

Menu Key

Status Light
See incoming call and service status.

Right Soft Key
Perform functions identified by right display prompt.

Voice Key
Record voice notes, phonebook and shortcut names.

Send Key
Send and answer calls, view recent dialed calls list.

4-Way Navigation Key
Scroll through menus and lists, set feature values.

Personal Communications Sector

2506-3888 (Hong Kong)

www.motorola.com.hk (Hong Kong)

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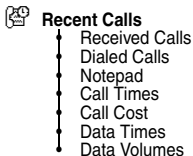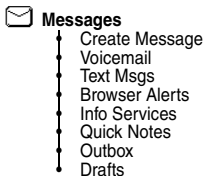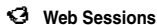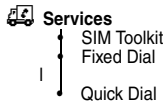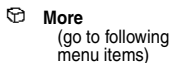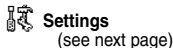
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Cover number: 8988485L61-O

Menu Map

Main Menu

Media Center
- Picture Viewer
- My Tones

Games & Apps

Picture Msgs
- Camera
- Photo Album
- Slideshow
- Settings

Shortcuts

Calculator

Settings
(see next page)

Chat

Web Access
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go to URL
- Browser Setup

More
(go to following menu items)

Services
- SIM Toolkit
- Fixed Dial
- Quick Dial

Web Sessions

Phonebook

Messages
- Create Message
- Voicemail
- Text Msgs
- Browser Alerts
- Info Services
- Quick Notes
- Outbox
- Drafts

Datebook

Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Call Cost
- Data Times
- Data Volumes

Ring Styles
- Style
- *Style* Detail

This is the standard phone menu layout.
**Menu organization and feature names
may vary on your phone.** If you do not find
a feature in the main menu, select **More**
(○) to see additional menu features. Not all
features may be available for all users.

Settings Menu

Personalize
- Main Menu
- Home Keys
- Color Style
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial

Call Divert
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Divert Status

In-Call Setup
- In-Call Timer
- Call Cost Setup
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting

Phone Status
- My Tel. Numbers
- Credit Info/Available
- Active Line
- Battery Meter
- Other Information

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

Initial Setup
- Time and Date
- 1-Touch Dial
- Auto Redial
- Backlight
- Status Light

- Scroll
- Animation
- Language
- Battery Save
- Contrast
- DTMF
- Master Reset
- Master Clear

Java Tools
- Java System
- Network Access
- DNS IP

Network

Car Settings

Headset

Shortcuts
Change ringer alert: Open flip, press down volume key to decrease volume, then switch to vibrate alert, then silent alert. Press up volume key to reset ring alert and increase volume.
Display my phone number: Press 🗐 ⌘ (in idle)
Go to dialed calls list: Press ⬅ (in idle)
Exit menu system: Press ⊗

4

Contents

The functions available on this mobile phone may vary in different regions and nations. Please contact your local customer service centers, agencies or retailers if you have any question about the mobile phone fucntions. Motorola reserves all rights to revise and change this user's manual without obligation to notify any person of such revisions or changes.

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.

10

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, if 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.
⊖ LiIon BATT ⊕	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 typically comes equipped with a battery and a charger. You can purchase other accessory items, such as an attachable camera, to customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 2506-3888 (Hong Kong).

About This Guide

This guide introduces you to 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.
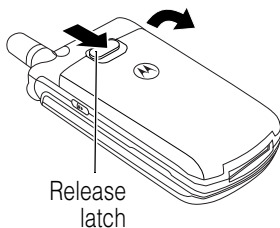
Installing the SIM Card

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

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.
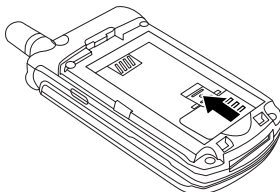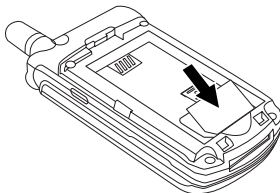
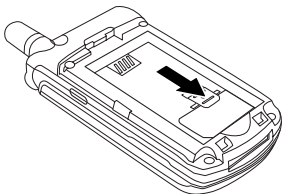|	**Action**	
1	If necessary, slide down the battery door release latch and lift the door off of the phone.	Release latch
2	Slide the SIM card latch up.	
3	Insert the SIM card into the SIM card tray with the notch in the lower left corner and the gold plate facing down.	

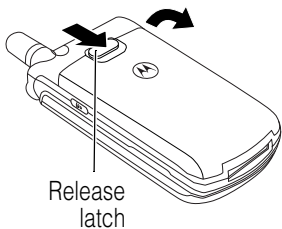| Action |
|--------|
| **4**   Slide the SIM card latch down to lock the SIM card in place. |

Installing the Battery

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

Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.
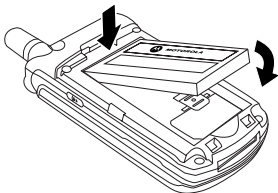
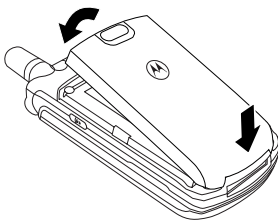| Action |
|--------|
| **1**   Remove the battery from its protective clear plastic case. |
| **2**   If necessary, slide down the battery door release latch and lift the door off of the phone. |

Release latch

Action

3 Insert the battery, printed arrow first, **under the tab** at the top of the battery compartment and push down.

4 Insert the teeth at the bottom of the battery door into the slot at the base of the phone, then push the door down. Slide the release latch up to lock the door in place.
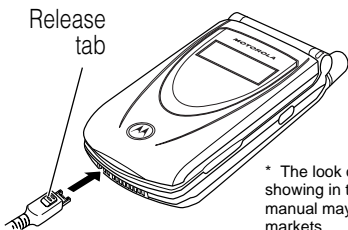
Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to 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 with the release tab facing up.
2	Plug the other end of the travel charger into the appropriate electrical outlet.
3	When your phone indicates that the battery is fully charged (**Charge Complete**), press the release tab and remove the travel charger.

Release tab

* The look of T722i showing in this manual may vary by markets.

Note: 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

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to the phone's accessory connector port; and your voice, data, and other application usage patterns.

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

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 long periods of 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 extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

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

Changing the Convertible Covers

Optional Accessory

You can change the flip cover and battery cover on your phone to personalize its appearance. Matching front and back cover sets are available in a variety of colors and designs.
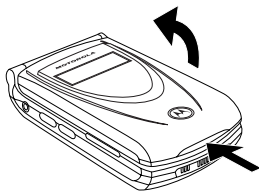
Your phone is designed to be used only with Motorola Original accessories. See your Motorola retailer for these convertible covers.

Removing a Flip Cover

Action
Insert your fingertip or fingernail into the slot at the base of the flip cover, then **firmly** pull up and lift the cover off the phone

Notes:

- Do not use tools to remove a flip cover. Using tools to remove a flip cover will damage the cosmetic appearance of the phone.

- The flip cover is attached tightly to the phone, and considerable force is required to remove it.

Attaching a Flip Cover

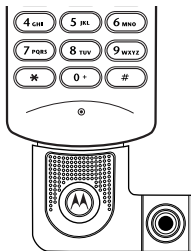| Action |
| --- |
| Insert the tabs at the bottom of the cover into the slots at the base of the phone, then push the cover down and snap it into place. |
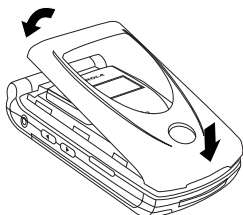
Attaching the Camera

Insert the optional Motorola Original™ Digital Camera into the accessory connector port at the bottom of your phone as shown.

Optional Accessory

For instructions on how to take and send photos, see page 49.

Turning Your Phone On

	Action
1	Open your phone
2	Press and hold 🔲 to turn on the phone

Power key
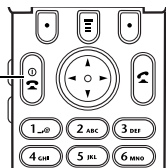
Action
3 If necessary, enter your SIM card PIN code and press **OK** (☐) to unlock the SIM card **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
4 If necessary, enter your 4-digit unlock code and press **OK** (☐) to unlock the phone The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

Adjusting Volume

Press the up and down volume keys to:
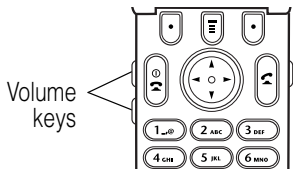
Volume keys

- increase and decrease earpiece volume during a call

- increase and 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. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

- turn off an incoming call alert

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 when you are finished

Note: You must dial the phone number from the idle display. See page 27.

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" the phone when you are finished

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

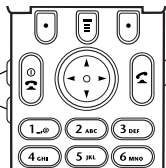**Note:** If the phone is locked, you must unlock it to answer the call.

Changing the Call Alert

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

Volume keys

Viewing Your Phone Number

To view your phone number from the idle display, press ⧉ #.

While you are on a call, press ⧉ > **My Tel. Numbers**.

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 53. 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* (shown below) is the standard display you see when you are *not* on a call or using the menu. You must be in the idle display to dial a phone number.
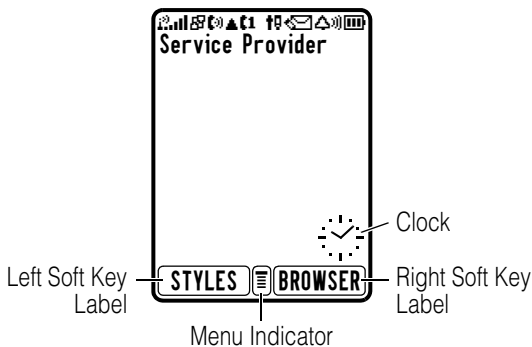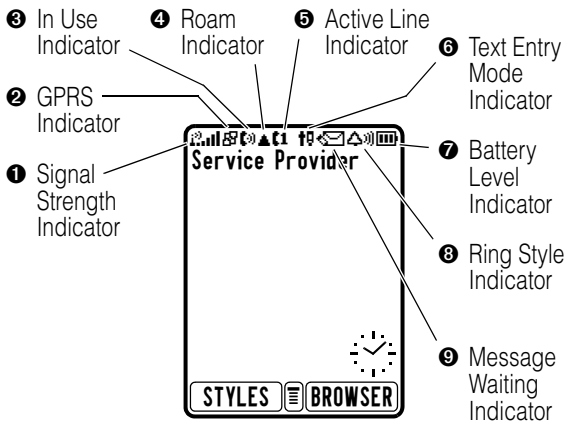

The $\bar{\equiv}$ (menu) indicator in the bottom center of the display indicates you can press the menu key ($\bar{\equiv}$) to go to the main menu to see more features.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key ($\boxed{\cup}$) or

right soft key (⊡) to perform the function indicated by the left or right soft key label.

At the top of the display are a number of status indicators:

❸ In Use Indicator ❹ Roam Indicator ❺ Active Line Indicator ❻ Text Entry Mode Indicator

❷ GPRS Indicator

❶ Signal Strength Indicator

❼ Battery Level Indicator

❽ Ring Style Indicator

❾ Message Waiting Indicator

```
馋..ıl₪◖◗▲⊏1 †₱⟨⊠⟩△»)▥
Service Provider



                                   ⟨✓⟩

[STYLES] ⊟ [BROWSER]
```

❶ **Signal Strength Indicator** Vertical bars show the strength of the network connection. You cannot make or receive calls when the ₪ (no signal) indicator is displayed.

❷ **GPRS Indicator** Shows that your phone is using a high-speed GPRS network connection. Other indicators can include:

   ₪ = GPRS PDP   ₪ = GPRS packet
       context active   data available

❸ In Use Indicator Shows that a call is in progress. Other indicators can include:

↕	= secure CSD call	↔	= unsecure CSD call
🖧	= secure packet data transfer	🖧	= unsecure packet data transfer
🖵	= secure application connection	🖵	= unsecure application connection

❹ Roam Indicator Shows that your phone is seeking or using another network system outside your home network. On text entry screens, shows text entry status information:

⊗	= symbol mode	**1**	= numeric mode
A	= caps lock on	**a**	= normal text entry

❺ Active Line Indicator Shows the current active phone line:

[1 = line 1		**[2** = line 2

❻ Text Entry Mode Indicator Appears when you are in a text entry screen, to show the current active text entry mode:

↑	= tap method	**i**	= iTAP mode

❼ Battery Level Indicator Vertical bars show the battery charge level. Recharge the battery when you see
Low Battery and hear the low battery alert.

❽ **Ring Style Indicator** Shows the ring style setting.

⚠⑴ = loud ring   ⚠⁹ = soft ring

⫷◻⫸ = vibrate   ⫷▵ = vibrate and ring

⚠ᶻ = silent

❾ **Message Waiting Indicator** Appears when you receive a text or email message. Other indicators can include:

☒⑴ = voicemail   ✆⑴ = voicemail and
       message   text message

◯◯ = active chat   #t = limited character
       session   count (text entry
                                    screen)

Using the 4-Way Navigation Key

4-way navigation key

Use the 4-way navigation key (⊙) like a joystick to navigate the menu system, change feature settings, and play games.

Tip: Down and up are your primary movements within menus. Move left and right to change feature settings, navigate the datebook, and edit text.
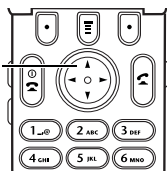
From the idle display, press $\odot$ to temporarily show 4 menu feature icons:

Messages —

Recent Calls —

Phonebook —

Picture Msgs

STYLES ▤ BROWSER
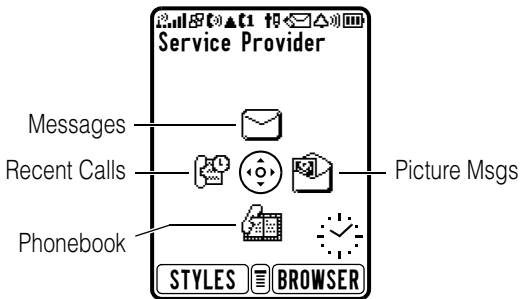
You can press $\odot$ left, right, up, or down to select one of the menu feature icons when they are visible in the idle display. After five seconds, the menu feature icons disappear to give a better view of the wallpaper image.

Using Menus

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

Menu Key
Enter menu system, or open a sub-menu.

Current selection.

Left Soft Key
Perform left function.

Right Soft Key
Perform right function.

End Key
Exit menu without making changes.

4-Way Navigation Key
Scroll **up**, **down**, **left**, or **right**.
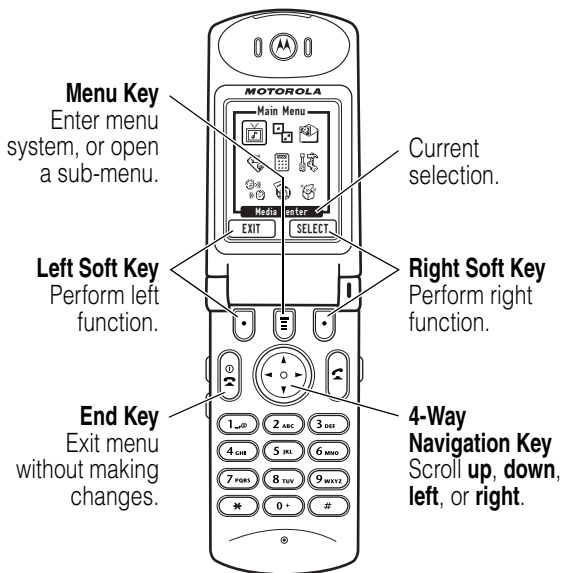
Press ⦿ to highlight a menu feature icon in the main menu. Select **More** (🖐) to see additional menu features. The following icons represent features that may appear in

the main menu, depending on your service provider and
service subscription options.

Menu Icon	Feature	Menu Icon	Feature
📓	Media Center	🖳	Games & Apps
🖼	Picture Msgs	✎	Shortcuts
🖩	Calculator	🎚	Settings
⚏⁾)	Chat	🕸	Web Access
⌘	More	🚗	Services
❦	Web Sessions	🗂	Phonebook
✉	Messages	📑	Datebook
☎	Recent Calls	♤	Ring Styles

Tip: You can set your phone to display the main menu as a
text-based list rather than graphic icons. See page 113.

Selecting a Menu Feature

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

Find the Feature   🗐 > More > Phonebook

This example shows that from the idle display, you must
press 🗐, scroll to and select More (⌘) from the main
menu, then scroll to and select Phonebook. Use ⟐ to
scroll, and the left/right soft keys to select the functions
listed in the bottom left and right corners of the display.

Selecting a Feature Option

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

```
  ░.ll                  △»)▥
       ─Dialed Calls─
   10) John Smith              Highlighted
    9) Lisa Owens              item
    8) Adda Thomas
    7) Jack Bradsh..
    6) Mary Smith
    5) Dave Thomp...
    BACK   ▤   VIEW
```

Press **BACK** (□) to go back to previous screen.

Press **VIEW** (□) to view details of highlighted item.

Press ▤ to open sub-menu.
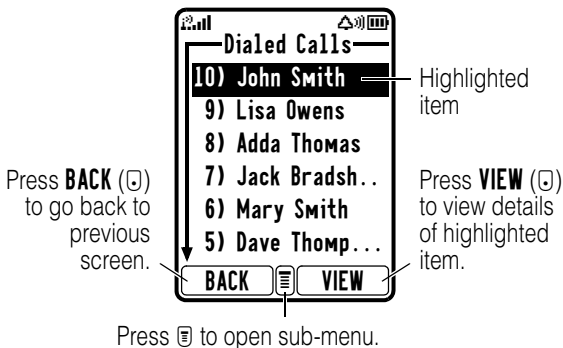
- Press ☼ to scroll up or down to highlight the item you want.

- 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:

Press ⊙ to scroll down to other items.

```
┌─────────────────────┐
│ 🕮.ₗₗ          △»)▥ │
│   ─Entry Details─   │
│ Name:John Smith     │──── Highlighted item
│ No.:2125551212      │
│ Type:Work        🖮  │
│ Voice Name:_____    │──── Press
│ Speed No.:2         │     CHANGE (⊡) to
│ Ringer ID:Contin... │     enter or edit
│ [CANCEL]  [CHANGE]  │     information.
└─────────────────────┘
```
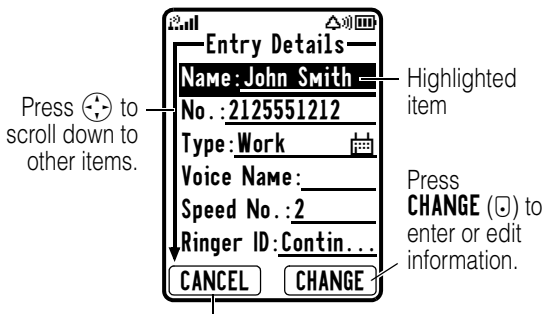
Press **CANCEL** (⊡) to exit without making changes. **DONE** (⊡) appears when you enter or edit information.

- Enter numbers or text with the keypad.
- When an item has a list of possible values, press ⊙ to the left or right to scroll through and select a value.
- 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 your changes, press 🔘 to exit without saving.

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

Flashing cursor indicates insertion point.

Press 🗐 to open sub-menu.

Press **INSERT** (▢) to insert quick note, picture, or sound.

Press **CANCEL** (▢) to exit without making changes.
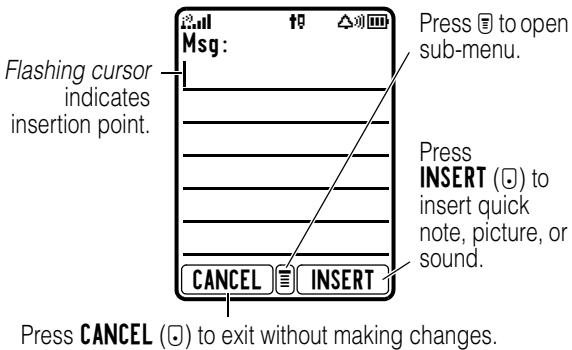
When you enter text using the standard tap method (see page 37), the flashing cursor changes to a *block cursor*, and the soft key functions change:

Block cursor indicates highlighted character.

After 2 seconds, block cursor reverts to flashing cursor and moves to next position.

Press **OK** (▢) to accept and store text.

Press **DELETE** (▢) to delete character to left of insertion point.
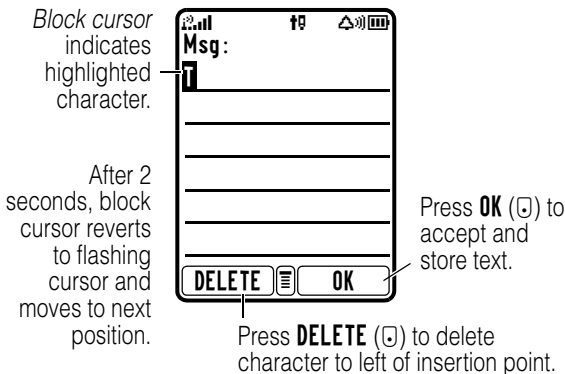
Entering Text

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

Choosing a Text Mode

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 mode:

Tap Method	Enter letters, numbers, and symbols by pressing a key one or more times. See following section.
Numeric	Enter numbers only.
Symbol	Enter symbols only. See page 44.
Browse	Browse your phonebook or recent call lists to select a name or number.

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

Using Tap Method

This is the standard mode for entering text on your phone.

Press ⊡ > **Entry Method** from any text entry screen and select the **Tap Method** menu option.

	Press	**To**
1	A number key one or more times	select a letter, number, or symbol shown in the "Character Chart" on page 40
2	Number keys	enter the remaining characters
3	**OK** (⊡)	store the text when you are finished

General Text Entry Rules

Press a number key repeatedly to cycle through its characters. See the "Character Chart" on page 40.

Press a number key as many times as necessary to enter desired character at flashing cursor location.

Press and hold a number key to cycle between text and numeric entry modes.

Press **up** or **down** to change letter in block cursor to uppercase or lowercase.

Press **left** or **right** to move flashing cursor to left or right in text message.
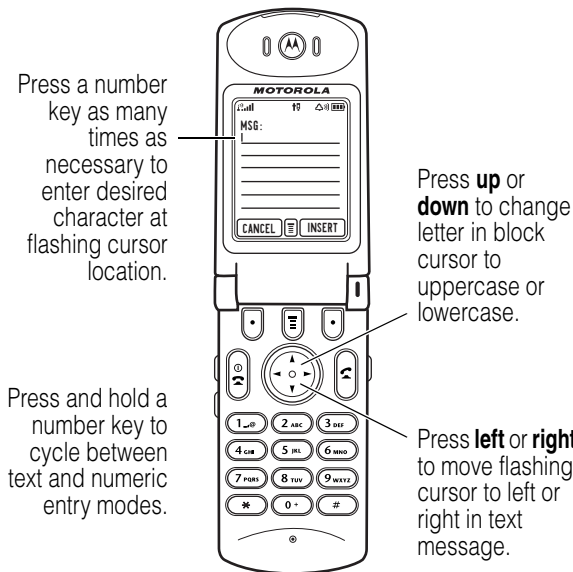
- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.

- The first character of every sentence is capitalized. (Press down to force the character to lowercase while it is highlighted by the block cursor.)

Character Chart

Use this chart as a guide for entering characters with the tap method.

① .@	*space* . 1 ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
② ABC	a b c 2 ä å á à â ã α ά β ç
③ DEF	d e f 3 δ ë é è ê ε έ φ
④ GHI	g h i 4 ï í î γ η ή ι í
⑤ JKL	j k l 5 κ λ
⑥ MNO	m n o 6 ñ ö ø ó ò ô õ μ ν ω ώ
⑦ PQRS	p q r s 7 π ß σ
⑧ TUV	t u v 8 θ ü ú ù û τ
⑨ WXYZ	w x y z 9 ξ ψ
⓪ +	+ - 0 x * / \ [ ] = > < # §

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

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This page is intended to be blank.

Using Capitalization

Press	To
⊹ up or down	change the words to initial character capitalized, all uppercase characters, or all lowercase characters

Deleting Letters and Words

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

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

Using Symbol Mode

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

	Action
1	Press a number key one time to display its symbol options at the bottom of the display
	See the "Symbol Chart" on page 44.
2	Press ⊙ , or press the number key multiple times, to highlight the symbol you want
3	Press **SELECT** (⬡) to enter the symbol at the flashing cursor location

Symbol Chart

Use this chart as a guide for entering characters in symbol mode.

①⊸	*space* . ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
②ABC	@ _ \
③DEF	/ : ;
④GHI	" & '
⑤JKL	( ) [ ] { }
⑥MNO	¿ ¡ ~
⑦PQRS	< > =
⑧TUV	$ £ ¥ ¤ €

(9_{wxyz})	# % *
(0^+)	+ - x * / = > < # §

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

Using the Status Light

The status light shows when you have an incoming call or message, or when your phone is *roaming* (using a non-home system).
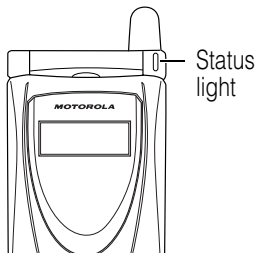
Status light

Indication	State
alternating red/green	incoming call
flashing green	in service, home system
flashing yellow	roaming, non-home system
flashing red	no service

You can turn off the status light to extend battery life and increase your phone's *standby time*, the length of time that your phone's battery retains power when the phone is turned on but is not in use.

To turn the status light on or off:

Find the Feature $\boxed{\text{≡}}$ > Settings
> Initial Setup
> Status Light

Learning to Use Your Phone

Using the External Display

When the flip is closed, the external display shows time, date, and phone status information. It also displays messages to notify you of incoming calls and other events. See page 28 for descriptions of the status indicators that may appear in the external display.

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 62.

Locking Your Phone Manually

Find the Feature $\boxed{\equiv}$ > Settings > Security
                         > Phone Lock
                         > Lock Now

	Press	To
1	keypad keys	enter your unlock code
2	OK ($\boxdot$)	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

You can set your phone to lock 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 originally set to 1234, and the 6-digit security code is originally set to 000000 at the factory. Your service provider may reset these numbers before you receive your phone.

If your service provider has **not** reset these numbers, we recommend that you change them to prevent other users 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, do the following 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

Taking Photos and Sending Picture Messages

You can take photos with your phone using the optional Motorola Original™ Digital Camera accessory, and use them as wallpaper or screen saver images.

You can also send your camera photos to others as *Multimedia Messaging Service* (MMS) picture messages.

Taking Photos

Attach the camera as described on page 23 and follow these steps:

Find the Feature   M > Picture Msgs
                           > Camera

The image in the camera's viewfinder appears on your phone's display.

Note: Viewfinder and captured images are scaled to fit your phone's display. The image will have greater resolution when viewed on a PC.

Point the viewfinder at the photo subject and do the following:

	Press	**To**
1	CAPTURE (⊡)	freeze the image in the display
2	KEEP (⊡)	save the photo as a JPG file on your phone
	or	
	DISCARD (⊡)	delete the photo and return to viewfinder mode
		If you save the photo, continue to step 3
3	SEND (⊡)	open a new MMS picture message with the photo attached
	or	
	BACK (⊡)	return to viewfinder mode

Using Photos

Find the Feature ⊟ > More > Picture Msgs > Photo Album

	Press	**To**
1	☼	scroll to the photo you want

	Press	To
2	SELECT (◻)	view the photo
3	SEND (◻)	open a new MMS picture message with the photo attached
	or	
	▤	open the **Photo Album Menu** to perform other procedures

The **Photo Album Menu** can include the following options:

Option	Description
Send	Open a new MMS picture message with the photo attached.
Info	View photo information.
Rename	Rename the photo.
Delete Photo	Delete the photo.
Delete All	Delete all stored photos.
Set as Wallpaper	Set the photo as your phone's wallpaper image.
Set as Screen Saver	Set the photo as your phone's screen saver image.

Viewing a Photo Slideshow

Find the Feature M > More > **Picture Msgs**
> **Slideshow**

Your phone cycles through all stored photos, briefly
displaying each.

Press	To
BACK (⊡)	return to the previous photo
NEXT (⊡)	skip to the next photo
RESTART (⊡)	restart the slideshow (only appears when slideshow is finished)

Setting Photo Capture Size

You can set your phone to capture images at normal size
(320 x 240 pixels, QVGA) or small size (160 x 112 pixels,
approximate QQVGA). The default setting is normal size.

Note: Viewfinder and captured images are scaled to fit
your phone's display. The image will have greater
resolution when viewed on a PC.

Find the Feature M > More > **PictureMsgs**
> **Settings**
> **Photo Size** > *size*

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. Numbers

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 26.

Setting the Time and Date

You must set the time and date to use the datebook.

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 one of 5 different ring styles:

 $\triangle$ ») = loud ring $\triangle$ » = soft ring

 ⌇◁⌇ = vibrate   ⌇▷△ = vibrate and ring

 $\triangle$ ⌁ = silent

The ring style indicator in the display shows the current ring style (see page 28).

To set a ring style:

Find the Feature   ⊜ > More > Ring Styles
                            > Style

	Press	**To**
1	⊕	scroll to the ring style
2	**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 use 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.

Find the Feature $\text{\textcircled{} > Settings}$
$> Personalize$
$> Wallpaper$

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

You can also take photos with your phone using the optional Motorola Original™ Digital Camera accessory,

and set one of your photos as a wallpaper image. To set a photo as a wallpaper image, see page 49.

Setting a Screen Saver Image

You can set a picture or animation as a screen saver image.

The screen saver image is displayed when the flip is open and no activity is detected for a period of time. The image is shrunk to fill the display, if necessary. An animation repeats for 1 minute, then the first frame of the animation is displayed.

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

Find the Feature $\boxdot$ > **Settings**
                        > **Personalize**
                        > **Screen Saver**

	Press	To
1	$\odot$	scroll to **Picture**
2	**CHANGE** ($\boxdot$)	open the picture viewer
3	$\odot$ up or down	scroll to a picture/animation
		Scroll to **(None)** to turn off the screen saver image.
4	**SELECT** ($\boxdot$)	select the image
5	$\odot$	scroll to **Delay**
6	**CHANGE** ($\boxdot$)	set the delay interval
7	$\odot$	scroll to the inactivity interval that triggers the screen saver

	Press	To
8	SELECT (◦)	confirm the delay setting
9	DONE (◦)	save screen saver settings

You can also take photos with your phone using the optional Motorola Original Digital Camera accessory, and set one of your photos as a screen saver image. To set a photo as a screen saver image, see page 49.

Setting Display Contrast

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   M > Settings
> Initial Setup
> Backlight

Conserving Battery Power

Some networks and phones include a battery save setting to extend battery life. When this feature is activated, your phone automatically turns off the keypad backlight when it detects that enough ambient light is available.

Find the Feature   M > Settings
> Initial Setup
> Battery Save

Calling Features

For basic instructions on how to make and answer calls, see page 25.

Changing the Active Line

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. See page 28.

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 one 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 　　　 $\equiv$ > Settings
　　　　　　　　　　　　　> Initial 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
$\widehat{\epsilon}$ or RETRY ($\square$)	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 is 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

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display):

Press	To
≡ > Hide ID/Show ID **/Network Control**	hide or show your caller ID for the next call

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.

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off the alert

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911 or 999, 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	N	call the emergency number

Dialing International Numbers

Press and hold ⓪ 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. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added.

Shortcut: Press $\boxed{c}$ to go directly to the dialed calls list from the idle display.

Find the Feature $\boxed{≡}$ > More > Recent Calls

	Press	To
1	$\odot$	scroll to **Received Calls** or **Dialed Calls**
2	SELECT ($\boxed{□}$)	select the list
3	$\odot$	scroll to an entry
		Note: ✓ means the call connected.
4	$\boxed{c}$	call the entry's number
		Tip: Press and hold $\boxed{c}$ for 2 seconds to send the number as DTMF tones during a call.
	or	
	VIEW ($\boxed{□}$)	view entry details
	or	
	$\boxed{≡}$	open the **Last Calls Menu** to perform other procedures

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the **No**. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID /Network Control	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent call lists.
Send Tones	Send the number to the network as DTMF tones. **Note:** This option appears only during a call.
Talk then Fax	Talk and then send a fax in the same call. See page 146.

Returning an Unanswered Call

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

- the 📞 (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	ⓐ	make the call

Using the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called 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 stored in the notepad:

Find the Feature   ▤ > **More** > **Recent Calls** > **Notepad**

Press	To
ⓐ	call the number
or	
▤	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 call lists

Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique *speed dial* number that identifies the location where the entry 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	⌗	submit the number
3	⤺	call the entry

Calling With 1-Touch Dial

To call phonebook entries 1 through 9, just press and hold the single-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 108.

Using Voicemail

Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Note: Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature   ⊜ > More > Messages
                         > VoiceMail

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

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the ⊠ᵒ⁾ (voicemail message) indicator and a New VoiceMail notification.

Press	To
CALL (◻)	listen to the message

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

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature $\boxdot$ > More > Messages
                        $\boxdot$ > VoiceMail Setup

	Press	**To**
1	keypad keys	enter your voicemail number
2	**OK** ($\boxdot$)	store the number

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	$\boxed{\textsf{c}}$	answer the new call
2	**SWITCH** ($\boxdot$)	switch between calls
	or	
	LINK ($\boxdot$)	connect the 2 calls
	or	
	$\boxdot$ > End Call On Hold	end the call on hold

Calling Features

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

Find the Feature $\textcircled{\scriptsize{\equiv}}$ > Settings
 > In-Call Setup
 > Call Waiting

Putting a Call On Hold

Press	To
HOLD (◻) (if available) or $\textcircled{\scriptsize{\equiv}}$ > Hold	put the call on hold

Transferring a Call

You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

Find the Feature $\textcircled{\scriptsize{\equiv}}$ > Hold

	Press	To
1	keypad keys	dial the number where you are transferring the call
2	⎡⎤	call the number and speak to the person who answers
3	$\textcircled{\scriptsize{\equiv}}$	open the menu
4	⊙	scroll to Transfer

	Press	To
5	SELECT (⊙)	select Transfer
6	OK (⊙)	confirm the transfer.

Do Not Announce the Call Transfer

Find the Feature   ≣ > Transfer

	Press	To
1	keypad keys	dial the number where you are transferring the call
2	⌂	transfer the call

Messages and Chat

You can send and receive various types of text messages, photos, 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 $\boxed{\equiv}$ > **More** > **Messages**
            $\boxed{\equiv}$ > **Message Setup**

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

Option	Description
MMS Message Setup	Set up *Multimedia Messaging Service* (MMS) features:
	Filter: reject picture messages from specific senders
	Expire After: number of days your network should attempt to send undelivered picture messages
	Size Limit: maximum size of picture message to be downloaded to your phone
	Server Info: select the server you want to use
Inbox View	display sender or subject information with a picture message
Srvce Center No.	number of the service center that handles your outgoing text messages
Expire After	number of days your network should attempt to send undelivered text messages
Reply Type	the standard type of replies you want to send—SMS text messages, email, fax, or page

Option	Description
Cleanup	number of days you want to keep messages in the inbox, or number of messages you want to keep
Email Gateway	port number for the email gateway that handles your outgoing email messages (required to send a text message to an email address)

Sending a Picture Message

Picture messages are photos that you can take with your phone using the optional Motorola Original™ digital camera accessory.

You must use the picture messages application to send photos that you have taken.

Find the Feature   ≣ > More > **Picture Msgs**
                                 > **Photo Album**

For more information about sending photos as MMS picture messages, see your *Start Here* guide.

Sending a Text Message

You can send a *text message* to one or more recipients. You can manually enter each recipient's phone number or email address, or select numbers/addresses from the phonebook or recent call lists.

When you manually enter numbers and/or email addresses, you must insert a space between each entry. Press $\odot$ to the right to insert a space.

Shortcut: Enter a phone number in the idle display, then press 🗊 > **Send Message** to open a new text message with the number in the **To** field. Go to step 4 to continue.

Find the Feature   🗊 > **More** > **Messages**
                        > **Create Message**

	Press	**To**
1	CHANGE (◻)	select **To**
2	keypad keys	enter one or more phone numbers and/or email addresses
		Tip: Press $\odot$ to the right to insert a space between each number/address that you enter manually.
	or	
	BROWSE (◻)	select numbers/addresses from the phonebook or recent call lists
3	OK (◻)	store the numbers/addresses
4	CHANGE (◻)	select **Msg**

	Press	To
5	keypad keys	enter the message
		Tip: Press ⬚ to select a text entry mode. See page 37.
	or	
	INSERT (◻)	insert a quick note, picture, or ring tone
6	**OK** (◻)	store the message
7	**DONE** (◻)	finish the message
8	**YES** (◻)	send the message
	or	
	NO (◻)	cancel the message or save it in the drafts folder

Sending a Quick Note Text Message

Quick notes are pre-written text messages that you can send quickly (for example, **Call me at** ...). You can also create new quick notes.

Find the Feature
⬚ > More > Messages > 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 the quick note.
Delete	Delete the quick note.
Send	Open a new message with the quick note in the **Msg** field.

Inserting Pictures and Ring Tones In a Text Message

You can insert pictures, animations, and ring tones into a text message as you type it.

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 items you can insert
4	⊙	scroll to **Picture**, **Animation**, or **Sound**
5	**SELECT** (⊡)	select the file type
6	⊙	highlight the file you want
7	**VIEW** (⊡) or **PLAY** (⊡)	preview the file
8	**INSERT** (⊡)	insert the file

Inserted pictures and animations appear in the message, while ring tones are represented by a 🎵 (sound file) indicator.

Notes:

- You cannot insert camera photos in a text message. To send a camera photo as an MMS picture message, see page 73.

- The recipient's phone may be unable to display the pictures or play the ring tones in your message.

- You cannot send pictures or ring tones to an email address.

- Your phone may allow only predefined images and sounds in a message. These files are identified by a ★ (predefined object) indicator.

- You can insert up to 5 pictures in a message.

Viewing or Deleting an Inserted File

To view or delete an image or sound file in a message you are typing:

	Press	To
1	⊙	place the cursor to the right of the file type indicator
2	⊙ to the left	highlight the file type indicator
3	**SELECT** (⊡)	view or play the inserted file
	or	
	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   ⊟ > *More* > *Messages*
                                > *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 Picture Message

When you receive a photo in an MMS picture message, your phone displays the ⊠ (message waiting) indicator and a **New Message** notification, and sounds an alert.

	Press	To
1	READ (◻)	open the message
		Your phone displays a picture icon to indicate that you have received a picture message
2	OPEN (◻)	view the picture

For more information about photos and MMS picture messages, see your *Start Here* guide.

Receiving a Text Message

When you receive a text message, your phone displays the ⊠ (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!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Reading, Locking, or Deleting a Text Message

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

- ☑ = unread
- ☐ = unread (with attachment)
- ☐ = read
- ☐ = read (with attachment)
- 🔒 = read and locked
- 🔒 = read and locked (with attachment

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature   ⊟ > More > Messages
> Text Msgs

	Press	To
1	⊙	scroll to the message
2	**READ** (⊡)	open the message
3	**SAVE** (⊡)	close the message
	or	
	DELETE (⊡)	delete the message
	or	
	🗐	open the **Text Msg Menu** to perform other procedures

The **Text Msg Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Reply	Open a new text message, with the sender's **Reply To** number or email address in the **To** field.
Forward	Open a copy of the text message, with an empty **To** field.
Lock or **Unlock**	Lock or unlock the message.

Option	Description
Store	Display a list of items that can be stored, including the sender's number or email address, and a selected image or sound file.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Create Message	Open a new text message.
Chat	Start a chat session with the sender. See page 91.
Setup	Open the text message inbox setup menu.

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 the ♫ (sound file) indicator.

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

Storing a Picture or Animation File

	Press	To
1	$\odot$ up or down	highlight the picture or animation in the message
2	▤	open the **Text Msg Menu**
3	$\odot$	scroll to **Store**
4	**SELECT** (□)	display a list of items you can store
5	$\odot$	scroll to **File Attachment**
6	**SELECT** (□)	view the picture or animation
7	**STORE** (□)	view storage options
8	$\odot$	scroll to **Store Only**, **Set as Wallpaper** or **Set as Screen Saver**
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 wallpaper or screen saver image

For more information about using pictures and animations, see pages 76 and 179.

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 the ♫ (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
8	⊙	scroll to **Store Only** or **Set As Ring Tone**
9	**SELECT** (◌)	select the option
		If you select **Store Only**, go to step 13.
		If you select **Set As Ring Tone**, your phone displays **Set As Which?**, and lists the events for which you can set an alert.
10	⊙	scroll to the event
11	**SELECT** (◌)	select the event

Press	To
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 76 and 110.

Reading Browser Alerts

Your network's Web server can send you *browser alerts* that you can read in your micro-browser.

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

Press	To
GO TO (⊙)	launch the micro-browser and view the message
or	
EXIT (⊙)	close the new message notification

To view your browser alert messages at any time:

Find the Feature ☰ > More > Messages
　　　　　　　　　　 > Browser Alerts

	Press	To
1	$\odot$	scroll to a message
2	SELECT ($\square$)	open the message

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 $\qquad$ $\square$ > More > Messages
$\qquad\qquad\qquad\qquad$ $\square$ > Info Srvc Setup

	Press	To
1	CHANGE ($\square$)	change the Service setting
2	$\odot$	scroll to the 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 173.

Messages and Chat

	Press	To
3	**SELECT** (◻)	select the service setting
4	**SELECT** (◻)	select **Active Channels** to set the subscription channels
5	⊙	scroll to an active channel that you want to disable, or scroll to **[New Channel]** to add a new channel
6	**BACK** (◻)	return to the cell broadcast menu when you are finished setting subscription channels
7	**CHANGE** (◻)	change the **Quick View** channel
8	keypad keys	enter the quick view channel number
9	**OK** (◻)	store the quick view channel number
10	**CHANGE** (◻)	change the **Save Q.View** setting
11	⊙	scroll to **Yes** or **No** to set whether you want to save single-line quick view messages in the inbox
12	**SELECT** (◻)	store the save setting
13	**CHANGE** (◻)	change the **Languages** setting

Press	To
14 ⊙	scroll to **Lang2** through **Lang4** 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.
15 DONE (⬚)	return to the cell broadcast menu when you are finished setting broadcast languages
16 CHANGE (⬚)	change the **Cleanup** setting
17 ⊙	scroll to the number of days you want to keep messages in the inbox, or the number of messages you want to keep
18 DONE (⬚)	save the information services message inbox settings

Receiving an Information Services Message

When you receive a lengthy information services message, your phone displays the ⊠ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (⬚)	open the message)

Messages and Chat

If the new message is a short quick view message, it appears directly in your display. See page 91.

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!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Reading, Locking, or Deleting an Information Services Message

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

✉ = unread   ⛪ = read
🔒 = read and locked

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature   ≡ > **More** > **Messages**
          > **Info Services**

	Press	To
1	◉	scroll to the message

	Press	To
2	**READ** (◻)	open the message
3	**SAVE** (◻)	close the message
	or	
	DELETE (◻)	delete the message
	or	
	▤	open the **Info Srvc Menu** to perform other procedures

The **Info Srvc Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Forward	Open a copy of the message, with an empty **To** field.
Lock or **Unlock**	Lock or unlock the message.
Store Number or **Store Address**	Open a new phonebook entry with the message's embedded number or email address in the **No**. or **Email** field.
Delete	Delete the message

Option	Description
Delete All	Delete all inbox messages
Setup	Open the information services message inbox setup menu

Read and Save a Quick View Message

Quick view messages are short information service messages that appear directly in your phone's idle display. Your phone alerts you when you receive a new quick view message.

Do This	To
Read the message and press 📳	read and delete the quick view message

If the message is more than 2 lines, you can press **Save** (⊡) to save it in your information services inbox. To automatically save quick view messages, see page 86.

Note: Broadcast or browser services send quick view messages on quick view channels. To set up a quick view channel, see page 86.

Using Chat

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

Start a Chat Session

	Find the Feature	≡ > Chat
		≡ > New 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 or recent call lists
4	OK (⊡)	store the number
5	keypad keys	enter your first chat message
	or	
	BROWSE (⊡)	insert a quick note
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 from 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.

Press ⊙ to scroll and see more text.

Chat name

Message Status:
>> = sending
✖ = failed

wanted to know if
you will be there
today
Carlo>What time
does it start?
>>Katy>10 AM

EXIT   CHAT

Chat text

Newest messages appear at bottom of log.

Enter reply

Exit chat

Press 🗐 to open **Chat Menu**
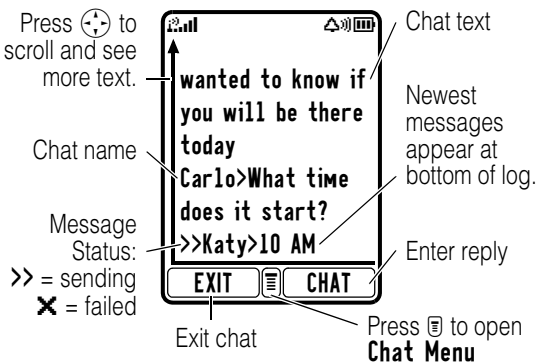
Using the Chat Menu

During a chat session, you can press 🗐 to open the **Chat Menu** to perform procedures as described in the following list:

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.

Option	Description
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.
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 treats 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 or email addresses in your phone's electronic phonebook.

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

Viewing Entry Details

Voice Name indicator indicates a recorded voice name — Entry's **Name**

Phone number or **email address**

Speed dial number

Type indicator shows number type:
- ⊞ Work
- ⌂ Home
- ☎ Main
- ☐ Mobile
- ☏ Fax
- ▦ Pager
- ✉ Email

(P) indicates entry stored in phone memory, **(S)** indicates SIM memory

```
📶           △》▥
⊞ ◁》Carlo Emrys
01543372151410
Speed No. 15# (P)
Ringer ID:Contin...



[ BACK ][ 🗐 ][ EDIT ]
```

Return to list

Press M to open **Phonebook Menu**

Ringer ID setting

Edit entry

Note: Entries stored on the SIM card do not have Type, Voice Name, or Ringer ID information.

Creating a Phonebook Entry

Entering Information

To create or edit a phonebook entry:

Find the Feature   ⓜ > More > Phonebook
                       ⓜ > New > Phone Number
                         or Email Address

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 or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry.

Option	Description
Name	entry name
	Tip: Press ⓟ to select a text entry mode. See page 37.
No. or Email	entry's phone number or email address (maximum 32 characters)
Type	entry type
	Note: This option is not available for email entries, or for entries stored on the SIM card.

Option	Description
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.
Speed No.	entry's default speed dial number (select to change)
Ringer ID	select to set a distinctive ringer alert for the phone number
	Your phone uses the alert to notify you when you receive a call from this phone number. To activate ringer IDs, see page 110.
	Note: This option is not available for entries stored on the SIM card.
MORE	create another entry under the same **Name**
	You must use a different **Type** identifier for each number.

Completing the Phonebook Entry

When you are finished entering information for a phonebook entry:

Press	To
DONE (☐)	store the entry

Storing a PIN Code With a Phone Number

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). Insert one or more of the following characters in the dialing sequence to ensure that the number 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).
⊡ > **Insert Wait**	insert a **w** (wait) character
	Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s).
⊡ > **Insert 'n'**	insert an **n** (number) character
	Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the **n** character

Notes:

- 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 counts as 1 digit.

- You cannot store a number that contains a **w** or **n** character on the SIM card.

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 $\boxed{\Xi}$ > More > Phonebook

Action
1 Press $\odot$ to scroll to the entry
2 Press VIEW ($\boxdot$) to view entry details
3 Press EDIT ($\boxdot$) to edit the entry
4 Press $\odot$ to scroll to Voice Name
5 Press RECORD ($\boxdot$) to begin recording

	Action
6	Press and release the voice key and say the entry's name (in 2 seconds) to record the voice name
7	When prompted, press and release the voice key and repeat the 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 (in 2 seconds).

Storing Longer Numbers

A phonebook number can contain a maximum of 32 digits and characters. You can create multiple phonebook entries to store a dialing sequence that exceeds the 32-character limit. Then you can send the entries in sequence to dial the number.

To store a dialing sequence longer than 32 characters:

	Action
1	Create a phonebook entry to store the first part of the dialing sequence (for example, the number for your long-distance service provider).
2	Create a second phonebook entry to store the next part of the dialing sequence (for example, the country code and phone number for an international call).
3	Repeat step 2 as necessary to store the entire dialing sequence. (For example, create a third phonebook entry to store your calling card number and PIN number.)

To dial a dialing sequence stored as multiple phonebook entries:

	Action
1	Dial the first phonebook entry. Perform any pause or wait tasks, if necessary, to complete the dialing sequence. Your phone returns to the idle display.
2	Press ⓔ > **More** > **Phonebook** to re-open the phonebook.
3	Highlight the second phonebook entry, then press ⓔ > **Send Tones** to send the next portion of the dialing sequence.
4	Repeat steps 2 and 3 as necessary to send the entire dialing sequence.

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 97.

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

Deleting a Phonebook Entry

Find the Feature   M > More > Phonebook

	Press	To
1	$\odot$	scroll to the entry
2	M	open the **Phonebook Menu**
3	$\odot$	scroll to **Delete**
4	**SELECT** ($\Box$)	select **Delete**
5	**YES** ($\Box$)	confirm the deletion

Sorting the Phonebook List

You can sort your phonebook list by name (the standard), speed dial number, voice name, or email address.

Note: The voice name sort is identical to the name sort, except that the entries with voice name tags appear first.

Find the Feature   M > More > Phonebook

	Press	To
1	M	open the **Phonebook Menu**
2	$\odot$	scroll to **Setup**
3	**SELECT** ($\Box$)	select **Setup**
4	$\odot$	scroll to **Sort by**
5	**CHANGE** ($\Box$)	select **Sort by**
6	$\odot$	scroll to **Name**, **Speed No.**, **Voice Name**, or **Email**
7	**SELECT** ($\Box$)	select the sort order

If you select **Speed No.**, **Voice Name**, or **Email**, the procedure is complete.

If you select **Name**, you must specify whether you want to view all numbers or just the primary number for each name:

	Press	To
8	**CHANGE** (◻)	change view preference
9	⟨⋅⟩	scroll to **Primary Contacts** or **All Contacts**
10	**SELECT** (◻)	select the view preference
11	**DONE** (◻)	set the view preference

To set an entry's primary phone number, see the following procedure.

Tip: When the phonebook list displays primary numbers only, you can scroll to a name and press ⟨⋅⟩ left or right to view other numbers associated with the name.

Setting the Primary Number for a Phonebook Entry

When you enter multiple phone numbers for the same name, you can set one as the primary number.

Find the Feature   ▤ > **More** > **Phonebook**

	Press	To
1	⟨⋅⟩	scroll to the entry
2	▤	open the **Phonebook Menu**

	Press	**To**
3	⊙	scroll to Set Primary
4	SELECT (⊡)	select Set Primary
5	⊙	scroll to the number you want to set as the primary number
6	SELECT (⊡)	set the primary number

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that appears for a phonebook entry.

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
		The phone displays the next available speed dial number.
5	keypad keys	edit the speed dial number
6	OK (⊡)	copy the entry to the new speed dial location

Copying Multiple Entries

Find the Feature $\boxdot$ > More > Phonebook

	Press	To
1	$\boxdot$	open the Phonebook Menu
2	$\bigodot$	scroll to Copy Entries
3	SELECT ($\boxdot$)	select Copy Entries
4	$\bigodot$	scroll to From (start)
5	CHANGE ($\boxdot$)	select From (start)
6	keypad keys	enter the low speed dial number for the range of entries you want to copy
7	OK ($\boxdot$)	store the number
8	$\bigodot$	scroll to From (end)
9	CHANGE ($\boxdot$)	select From (end)
10	keypad keys	enter the high speed dial number for the range of entries you want to copy
11	OK ($\boxdot$)	store the number
12	$\bigodot$	scroll to To (start)
13	CHANGE ($\boxdot$)	select To (start)
14	keypad keys	enter the low speed dial number for the entries' new location
15	OK ($\boxdot$)	store the number
16	DONE ($\boxdot$)	copy the entries

Checking Phonebook Capacity

You can see how much memory space remains for storing 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 or the SIM card phonebook.

Find the Feature   ≣ > Settings
　　　　　　　　　　　> Initial Setup
　　　　　　　　　　　> 1-Touch Dial

	Press	To
1	⊙	scroll to the list you want
2	SELECT (□)	select the list

Synchronizing with TrueSync Software

You can synchronize phonebook entries between your phone and computer or hand-held device with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

Optional Accessory

Note: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Personalizing Your Phone

Personalizing a Ring Style

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

Find the Feature $\textcircled{=}$ > **More** > **Ring Styles**
                          > *Style* **Detail**

Note: *Style* represents the current ring style.

	Press	To
1	$\textcircled{·}$	scroll to the event
2	**CHANGE** ($\textcircled{□}$)	select the event
3	$\textcircled{·}$	scroll to the alert you want
4	**SELECT** ($\textcircled{□}$)	select the alert

Activating Ringer IDs

When ringer IDs are turned on, your phone uses distinctive ring tones to notify you of incoming calls or messages from specific entries stored in your phonebook.

Note: To assign a ringer ID to a new or existing phonebook entry, see page 97.

Find the Feature

> M > More > Ring Styles
> > *Style* Detail
> > Ringer IDs

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

> M > More > Ring Styles
> > *Style* Detail

Note: *Style* represents the current ring style.

	Press	To
1	☺	scroll to Ring Volume or Key Volume
2	☺ left or right	scroll to the desired volume

Setting Reminders

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

Find the Feature   ≡ > **More** > **Ring Styles**
 > *Style* **Detail**
 > **Reminders**

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**

Personalizing Your Phone

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 > View

	Press	To
1	⊕	scroll to **Icons** or **List**
2	SELECT (□)	select the menu view

Personalizing the Menu

You can reorder the items in your phone's main menu.

Note: You cannot alter the location of the **More** (⊕) graphic icon. This icon remains in the introductory menu display to provide access to additional menu features.

Find the Feature 　 ⊟ > Settings
　　　　　　　　　　　　> Personalize
　　　　　　　　　　　　> Main Menu > Reorder

	Press	To
1	⊕	scroll to a menu item
2	GRAB (□)	grab the menu item
3	⊕	move the item to a new location in the menu
4	INSERT (□)	insert the menu item

Personalizing Soft Keys and Menu Icons

You can change the menu feature icons and soft key labels (left ⬚ and right ⬚) 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 menu features and options are displayed.

Find the Feature   ☰ > Settings
                          > Initial Setup
                          > Language

Setting Menu Scroll Behavior

Set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

Find the Feature   ⊡ > Settings
                            > Initial Setup
                            > Scroll

Setting Menu Animation

Menu animation provides smooth scrolling of the highlight bar and menu items as you scroll through a menu list.

Find the Feature   ⊡ > Settings
                            > Initial Setup
                            > Animation

Resetting All Options

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

Find the Feature   ⊡ > Settings
                            > Initial Setup
                            > Master Reset

Clearing All Stored Information

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations, and

sound files, and clear all user settings and entries **except** for 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 $\boxdot$ > 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

The following 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 down volume key (at lowest volume setting) to switch to vibrate call alert. Press again to switch to silent call alert.
	Press the up volume key to cycle back to vibrate alert, then ring alert.
Display your phone number.	From the idle display, press ▤ ⟨#⟩.
Go to the dialed calls list.	From the idle display, press ⟨⟨.
Exit the menu system.	Press ⟨⟩.

Creating a Shortcut

You can create a keypad shortcut **plus** an optional voice shortcut to a menu item. A voice shortcut takes you directly to the menu item when you say the shortcut name.

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.

	Action
1	Press ▣ to enter the menu sytem
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 **CHANGE** (▢) to change the keypad shortcut number
	or
	Press **DONE** (▢) to select the default number
	or
	Press ⟐ to scroll to **Voice** to assign a voice shortcut
6	Press **RECORD** (▢) to begin recording
7	Press and release the voice key and say the shortcut's name (in 2 seconds) to record the shortcut name
8	When prompted, press and release the voice key and repeat the name
9	Press **DONE** (▢) to store the shortcut name

Using a Keypad Shortcut

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

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 in the following list

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

Option	Description
Edit	Edit the shortcut.
	Tip: Use this option to delete the associated voice shortcut.
Reorder List	Change the shortcut list order.
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 incoming voice, fax, and/or data calls directly to another phone number.

Setting Up or Canceling Call Forwarding

The forwarding options for voice, fax, or data calls are:

All Calls	forward all calls
If Unavailable	forward calls if your phone is unavailable
Detailed	set different forwarding numbers if you are out of range, unable to answer, or busy (voice calls only)
Off	do not forward calls

Find the Feature   ◎ > Settings
                       > Call Divert

	Press	To
1	◉	scroll to the type of calls you want to forward
		Scroll to Cancel All to cancel all call forwarding.
2	SELECT (◎)	view call forwarding details
3	◉	scroll to **Divert**
4	CHANGE (◎)	select **Divert**
5	◉	scroll to a forwarding option
6	SELECT (◎)	store the option

	Press	To
7	⊙	scroll to **To** (for **Detailed** forwarding, scroll to **If Busy**, **If No Answer**, or **If Unreachable**)
8	**CHANGE** (⊡)	select **To**
9	keypad keys	enter the forwarding phone number
	or	
	BROWSE (⊡)	select a number from the phonebook or recent call lists
10	**OK** (⊡)	store the number
11	**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:

Find the Feature   ⊟ > **Settings**
                           > **Call Divert**
                           > **Forward Status**

	Press	To
1	⊙	scroll to **Voice**, **Fax**, or **Data**
2	**View** (⊡)	confirm the network setting

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 $\overline{\mathbb{E}}$ > Settings > Security > Call Barring

	Press	**To**
1	$\textcircled{\cdot}$	scroll to Outgoing or Incoming calls
2	CHANGE ($\square$)	select the option
3	$\textcircled{\cdot}$	scroll to a restriction setting
4	SELECT ($\square$)	select the restriction setting
5	keypad keys	enter your call barring password
6	OK ($\square$)	submit your password

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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 $\boxed{\equiv}$ > Settings > Security > Fixed Dial

	Press	To
1	keypad keys	enter your SIM PIN2 code
2	OK ($\boxed{\cdot}$)	open the fixed dial menu
3	$\boxed{\cdot}$	scroll to On or Off
4	SELECT ($\boxed{\cdot}$)	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   ≡ > More > Services
                                > Fixed Dial

You create and edit fixed dial entries just like phonebook entries. Fixed dial entries are stored on your SIM card, and do not have **Type**, **Voice Name**, or **Ringer ID** information.

Using Quick Dialing

Dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.

Note: Your service provider may use a different name for this feature.

To open and dial numbers on the quick dial list:

Find the Feature   ≡ > More > Services
                                > Quick Dial

To edit the quick dial list:

Find the Feature   ≡ > Settings
                              > Personalize
                              > Quick 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. Long sends each tone for as long as you depress the key. Short DTMF tones work with most automated systems. Some systems (such as home answering machines) may 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 put the phone in DTMF mode, then send the required numbers by pressing and holding each key in turn.

Sending Stored Numbers

During a call, highlight a number in the phonebook or recent call lists, then:

	Press	To
1	🗐	open the sub-menu
2	⊙	scroll to **Send Tones**
3	**SELECT** (⊡)	send number as DTMF tones

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**

Getting More Out Of Your Phone

Select one of the following options:

Option	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:

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

Getting More Out Of Your Phone

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 **Beep** options:

60 Seconds	Beep at 1-minute intervals during a call.
Off	No in-call beep.

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

Time	Display the approximate elapsed time for the current call.
Cost	Display the cost of the current call (if you subscribe to a call cost option or advice of charge).
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge).

Credit Available	Display how much credit you have left (if you subscribe to a call cost option or advice of charge).	
Off	No in-call timer display.	

Viewing and Resetting Cost Trackers

To view a cost tracker:

Find the Feature $\boxed{≡}$ > More > Recent Calls
> Call Cost

Select one of the following options:

Cost Tracker	Description
Credit Available	Amount of credit available. For GSM advice of charge, available only if you set a credit limit.
Expiration Date	Date that available credit expires. Available only with subscription to a prepay option.
Last Deposit	Amount of last deposit. Available only with subscription to a prepay option.
Last Call	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 separate from Dialed Calls and Received Calls, so Dialed Calls plus Received Calls may not equal All Calls.

To reset the cost tracker:

	Press	To
1	RESET (⊡)	reset the cost, if available
2	OK (⊡)	enter your PIN2 code to confirm the reset

Viewing Credit Information

Prepay Option

If you subscribe to a prepay option, you can view the amount of credit available, its expiration date, and the date of your last deposit.

Find the Feature $\boxplus$ > Settings
                        > Phone Status
                        > Credit Info

Advice of Charge Option

If you subscribe to an advice of charge option, you can view the amount of credit available.

Find the Feature $\boxplus$ > Settings
                        > Phone Status
                        > Credit Available

Adjusting Call Cost Settings

You can set a credit limit so that the phone displays your remaining credit during calls. The phone notifies you when you near your limit, and ends the call when you reach it.

Find the Feature $\boxplus$ > Settings
                        > In-Call Setup
                        > Call Cost Setup

Viewing and Resetting GPRS Packet Data Timers and Data Volume Meters

Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection to transfer data during a data or fax call. This type of procedure, where an external device uses your phone to upload or download data, is referred to as an *external data session*.

Your phone's micro-browser also may use a GPRS connection to upload and download data from the Internet. This is an example of an *internal data session*.

Your phone tracks, in 1-minute increments, the approximate time spent and approximate volume of data transferred during these data sessions.

The amount of data session time and data transfer volume you track on your resettable data timers and data volume meters may not equal the amount of data session time or data transfer volume for which you are billed by your service provider. For billing information, please contact your service provider directly.

Data Timers

You can view the approximate time spent on the last data session, view the approximate total time spent on all data sessions, and reset the **All Data Sessions** timers.

To view timers for the last data session:

Find the Feature $\circled[]$ > More > Recent Calls
> Data Times
> Recent Data Session

Select one of the following options:

Option	Description
External Data Session	Approximate time spent on the last external data session. You cannot reset this timer.
Internal Data Session	Approximate time spent on the last internal data session. You cannot reset this timer.
Total Time	Approximate total time spent on the last external and internal data sessions. You cannot reset this timer.

To view or reset cumulative timers for all data sessions:

Find the Feature ⊞ > More > Recent Calls
> Data Times
> All Data Sessions

Select one of the following options:

Option	Description
External Data Sessions	Approximate total time spent on all external data sessions since the last time you reset this timer.
Internal Data Sessions	Approximate total time spent on all internal data sessions since the last time you reset this timer.

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Option	Description
Total Time	Approximate total time spent on all external and internal data sessions since the last time you reset this timer.
Reset All	Reset all data sessions timers.

Data Volume Meters

You can view the volume of data transferred during the most recent data session, view the total amount of data transferred for all data sessions, and reset the **All Data Sessions** volume meters.

To view volume meters for the last data session:

Find the Feature   ⊟ > More > Recent Calls
                        > Data Volumes
                        > Recent Data Session

Select one of the following options:

Option	Description
External Data Session	View data sent, data received, and total volume of data sent and received during the last external data session. You cannot reset this volume meter.

Option	Description
Internal Data Session	View data sent, data received, and total volume of data sent and received during the last internal data session. You cannot reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received during the last external and internal data sessions. You cannot reset this volume meter.

To view or reset cumulative volume meters for all data sessions:

Find the Feature $\equiv$ > More > Recent Calls
> Data Volumes
> All Data Sessions

Select one of the following options:

Option	Description
External Data Sessions	View data sent, data received, and total volume of data sent and received for all external data sessions since the last time you reset this volume meter.
Internal Data Sessions	View data sent, data received, and total volume of data sent and received for all internal data sessions since the last time you reset this volume meter.

Option	Description
Total Data Transferred	View data sent, data received, and total volume of data sent and received for all external and internal data sessions since the last time you reset this volume meter.
Reset All	Reset all data sessions volume meters.

Using Hands-Free Features

You can purchase an optional Motorola Original™ hands-free car kit, speakerphone, or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Activating a Connected Speakerphone

To use an external speakerphone with your phone, connect the speakerphone and, during an active call:

Press	To
SPEAKER (⊡) (if available) or ⊟ > **Spkrphone On**	activate the connected speakerphone

Getting More Out Of Your Phone

Automatic Answer

You can set your phone to automatically answer calls after
2 rings (4 seconds) when connected to a car kit,
speakerphone, or headset.

Find the Feature		$\equiv$ > Settings > Car Settings or Headset

	Press	**To**
1	$\odot$	scroll to Auto Answer
2	SELECT ($\square$)	select Auto Answer
3	$\odot$	scroll to On or Off
4	SELECT ($\square$)	confirm the setting

Automatic Hands-Free

You can set your phone to automatically route calls to a
car kit when it detects a connection.

Find the Feature		$\equiv$ > Settings > Car Settings > Auto Handsfree

	Press	**To**
1	$\odot$	scroll to On or Off
2	SELECT ($\square$)	confirm the setting

Power-Off Delay

When your phone is connected to a car kit, you can set it
to stay on for a period of time after you switch off the

ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.

Find the Feature
$\boxed{\Xi}$ > Settings
> Car Settings
> Power-Off Delay

	Press	To
1	$\bigodot$	scroll to the time delay
2	SELECT ($\boxdot$)	confirm your selection

Note: This feature may not work with all car ignition switches.

Caution: If you select Continuous, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

Charger Time

When your phone is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

Find the Feature
$\boxed{\Xi}$ > Settings
> Car Settings
> Charger Time

	Press	To
1	$\bigodot$	scroll to the charge time
2	SELECT ($\boxdot$)	confirm your selection

Note: This feature may not work with all car ignition switches.

Making Data and Fax Calls

An optional Motorola Original™ data kit (which includes a cable connector) lets you transfer data between your phone and a computer, Palm OS® compatible device, or Microsoft Windows CE, Pocket PC, or Handheld PC device. You can:

- Synchronize phonebook and datebook information between your phone and a computer or PDA.

- Use your phone as a modem to connect to the Internet.

- Use your phone to send and receive data and fax calls from your computer or handheld device.

Making a Cable Connection

Installing the Software

To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information.

Attaching the Cable

Use a Motorola Original serial cable or Motorola Original USB cable to connect your phone to the external device.

Note: Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

Getting More Out Of Your Phone

Serial Cable

	Action
1	Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.
2	With the Motorola logo and the phone both facing you, plug the detachable head into the phone's accessory connector port.
3	Plug the other end of the cable into the serial interface connection on the device and tighten the screws, if present.
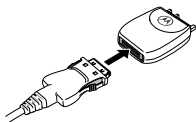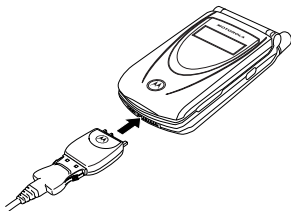
USB Cable

	Action
1	Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.
2	Plug the other end—the USB connection—into the USB port on the device.
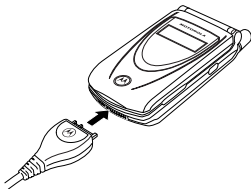
Synchronizing Data

You can synchronize phonebook and datebook information between your phone, computer, and PDA with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

Note: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Sending a Data or Fax Call

Use this procedure to send data or a fax from a connected computer or hand-held device using a CSD or GPRS network connection.

	Action
1	Make sure that the phone is connected and powered on
2	Open the application (such as dial-up-networking or fax) on your computer, and place the call through the application **Note:** You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer, unless you are making a talk then fax call (see following section).
3	When the transfer is complete, end the call from the connected device to close the connection

Receiving a Data or Fax Call

Use this procedure to transfer data or a fax to a connected computer or hand-held device.

Transferring the Data or Fax

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.

Ending the Data/Fax Connection

When the data or fax transfer is complete, end the call from the connected device to close the connection.

Making a Talk Then Fax Call

You can place a call where you talk and then send a fax to the same phone number within the same call.

Connect to the device that will send the fax, and do the following:

	Press	To
1	keypad keys	enter the phone number
2	⊟	open the **Dialing Menu**
3	⊕	scroll to **Talk Then Fax**
4	**SELECT** (⊡)	select **Talk Then Fax**
		Your selection applies to the next call only.
5	⟨	make the call
		Speak and, when ready, initiate the fax transfer on the connected device. When the transfer is complete, end the call from the connected device.

Adjusting Network Settings

Your service provider registers your phone to its network. In some situations, such as 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

Find the Feature $\equiv$ > Settings > Network > Current Network

Your phone displays the network ID.

Finding a New Network

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

Find the Feature $\equiv$ > Settings > Network > New Network

Your phone locates and registers on the strongest network apart from the current one.

Listing All Networks

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

Find the Feature $\equiv$ > Settings > Network > Avail. 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:

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

Getting More Out Of Your Phone

Network search **Speed** options:

Option	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 the phone searches for networks by your preference. The preferred list normally is stored on your SIM card. Some service providers may store network preferences on the phone.

Accessing the Preferred Network List

Find the Feature $\textsf{M}$ > Settings > Network
                          > My Network List

	Press	To
1	$\textcircled{\cdot}$	scroll to the network you want
2	SELECT ($\textsf{S}$)	view network details

Your home network is always the first entry in the list, and is identified by the $\textbf{A}$ (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
                             ⓔ > **Insert**

	Press	To
1	BROWSE (◻)	browse available networks
	or	
	OK (◻)	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	⊕	scroll to **On** or **Off**
2	**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.

	Press	To
1	$\odot$	scroll to **On** or **Off**
2	**SELECT** ($\Box$)	select the option

Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature $\boxed{\Xi}$ > Settings
> Phone Status
> Battery Meter

Personal Organizer

Datebook

The datebook is a calendar that you can use to schedule and organize events such as appointments and meetings.

Note: You must set the correct time and date to use the datebook.

To schedule or review datebook events:

Find the Feature M > More > Datebook

Week View

The datebook initially displays a calendar for the week. Lines or filled boxes indicate scheduled events.

Week (press · up or down to select)

Days of week (press · left or right to select)

12 hour window

Untimed event

Full day (12-hour) event

One-hour event

Exit datebook

Press ! to open Datebook Menu

Go to selected day
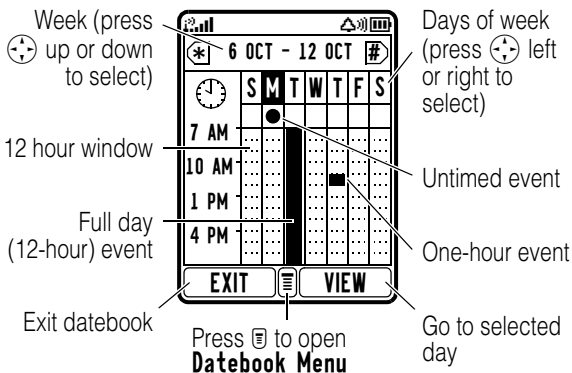
Day View

Select a day and press VIEW (ⓞ) to see the day's events.

Untimed event — Day of week

Reminder alarm — Events

Down scroll arrow

Return to previous screen — Show event details

Day View display:
- ▲ THU 19-NOV ▶
- • Joe's Birthday
- 8:00 Marie,..
- 9:00 conf c..
- 9:30 status
- 1:00 presen..
- 3:00 weekly..
- BACK | VIEW

Press ⊟ to open **Datebook Menu**
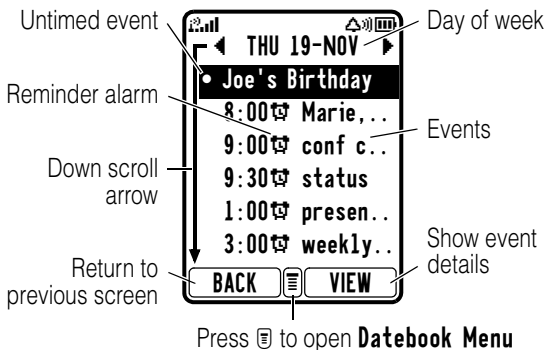
Event View

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

Reminder alarm — Day and time

Duration

Alarm time — Event details

Repeat interval

Return to previous screen — Edit event

Event View display:
- THU 8:00am
- Marie, mtg for status
- (1 hrs)
- 10 min before
- None
- BACK | EDIT

Press ⊟ to open **Datebook Menu**
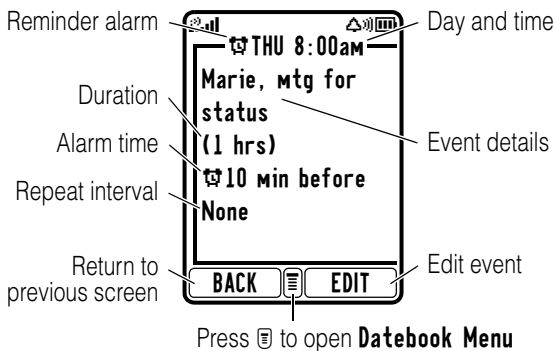
Adding a Datebook Event

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

Notes:

- You must create an event to use the reminder alarm.

- Your phone must be turned on for the reminder alarm to sound.

Find the Feature   ≡ > More > Datebook
> *day*
≡ > New

	Press	To
1	CHANGE (□)	select Title
2	keypad keys	enter a title for the event
		Tip: Press ≡ to select a text entry mode. See page 37.
3	OK (□)	store the event title
4	⊙	scroll to other fields and enter information as necessary
		You can set start time, duration, date, repeat interval, and reminder alarm.
5	DONE (□)	store the event

Changing Event Information

Find the Feature   M > More > Datebook

	Press	To
1	⊙ left or right	scroll to the day
2	VIEW (□)	display the day view
3	⊙	scroll to the event
4	VIEW (□)	display the event view
5	EDIT (□)	edit the event
6	⊙	scroll to the information you want to change
7	CHANGE (□)	edit the information
8	keypad keys	enter new information
9	DONE (□)	store the information

Copying an Event

Find the Feature   M > More > Datebook

	Press	To
1	⊙ left or right	scroll to the day
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

	Press	**To**
7	YES (◎)	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
9	▶ (◎) or ⊙ to the right	move to month, day, and year
10	DONE (◎)	save the copy of the event
11	⊙	scroll to and edit event information, if necessary
12	DONE (◎)	store the information

Deleting an Event

Find the Feature   ▤ > More > Datebook

	Press	**To**
1	⊙ left or right	scroll to the day
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

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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. To view or dismiss an event reminder:

Press	To
VIEW (□)	view the event
	Press ⊙ to scroll through the event details.
or	
EXIT (□)	dismiss the reminder

If you have more than one 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 change the datebook's daily start time, and set the length of time that events are stored.

Find the Feature   ▤ > More > Datebook
                    ▤ > Setup

Synchronizing with TrueSync Software

You can synchronize datebook entries between your phone and computer or hand-held device with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

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Note: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Alarm Clock

Your phone includes an alarm clock that you set and activate from the datebook week view or day view.

Setting the Alarm

Find the Feature   ⊡ > More > Datebook
                       ⊡ > Alarm Clock

	Press	To
1	CHANGE (⊡)	select Start
2	◌̣ or keypad keys	enter the alarm activation time
3	DONE (⊡)	store the time
4	◌̣	scroll to other fields and enter information as necessary
		You can set date, title, and repeat interval.
5	◌̣	scroll to the ☼ (alarm) indicator
6	CHANGE (⊡)	select ☼
7	◌̣	scroll to On to activate the alarm or Off to turn off the alarm
8	SELECT (⊡)	select the alarm on/off setting
9	DONE (⊡)	store the alarm setting

Notes:

- The alarm clock setting does **not** appear in the datebook day view, and is not synchronized with datebook settings.

- Your phone must be turned on to use the alarm.

Tip: To personalize the alarm's ring alert, see page 110.

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 one of the following operations.

Press	To
EXIT (⊡) or ⊠	turn off the alarm
SNOOZE (⊡)	turn off the alarm for 10 minutes
	The alarm is reactivated at the end of 10 minutes.

Calculator

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

Selected function appears here

Press ☉ to highlight a function

Exit calculator

Entered number

Perform highlighted function

Press 🗐 to open **Calculator Menu**

Calculator

    ┌─ Calculator ─┐
  +   0

  ☑ C ✚ ─ X ÷
  MS MC MR ═ % ± S

  ─ EXIT ─ 🗐 ─ SELECT ─
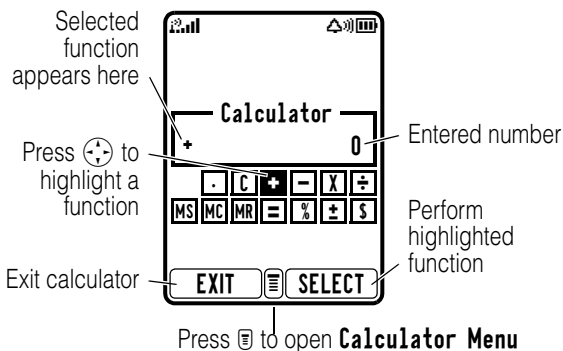
Calculating Numbers

Find the Feature   🗐 > Calculator

	Press	To
1	number keys	enter a number
2	☉	highlight 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

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Function	Description
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
±	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

	Press	**To**
3	number keys	enter the amount to convert (amount to multiply by the exchange rate)
4	⊙	highlight the **$** function
5	SELECT (⊡)	perform the conversion

Personal Organizer

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. Your SIM card PIN code is given to you by your service provider.

Find the Feature $\boxed{\equiv}$ > Settings > Security > SIM PIN

	Press	To
1	$\odot$	scroll to **On** or **Off**
2	SELECT ($\boxed{\Box}$)	switch SIM PIN lock on or off
3	keypad keys	enter your SIM card PIN code
4	OK ($\boxed{\Box}$)	submit your code

Unblock 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 unblocking 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	⍟ ⍟ ⓪ ⑤ ⍟	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 Blocked** when you try to use a PIN2 feature. You must enter a PIN2

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

	Press	**To**
1	✳ ✳ 0+ 5 JKL 2 ABC ✳	open the PIN2 unblocking 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

Locking and Unlocking Applications

You can lock specific phone applications (such as the
phonebook) so that users must enter the unlock code
to use them.

Find the Feature ≡ > Settings > Security
> Lock Application

	Press	**To**
1	keypad keys	enter your unlock code
2	OK (⊡)	open the lock application menu
3	⊙	scroll to the application
4	CHANGE (⊡)	select the application
5	⊙	scroll to **Locked** or **Unlocked**
6	SELECT (⊡)	select **Locked** or **Unlocked**

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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 *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a $\boxplus$ (GPRS) indicator in the idle display that disappears when you start a micro-browser session. If you see a $\mathbf{C}$ (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 $\equiv$ > Web Access
                    > Browser

	Press	To
1	$\odot$	scroll to a bookmark, service, or application
2	SELECT ($\square$)	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
	Tip: Press **DELETE** (◙) to delete one letter at a time if you make a mistake.
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 be selecting 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 wallpaper images, screen saver images, and event alerts.

Storing a Picture or Animation File

	Press	To
1	**STORE** (◻)	view storage options
2	⊙	scroll to **Set as Wallpaper** or **Set as Screen Saver**
3	**SELECT** (◻)	store the file and, optionally, set it as your wallpaper or screen saver image

For more information about using pictures and animations, see pages 76 and 179.

Storing a Ring Tone

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

	Press	To
1	**STORE** (◻)	view storage options
2	⊙	scroll to **Store Only** or **Set As Ring Tone**
3	**SELECT** (◻)	select the option
		If you select **Store Only**, the procedure is complete.
		If you select **Set As Ring Tone**, your phone displays **Set As Which?**, and lists the events for which you can set an alert.

	Press	**To**
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 76 and 110.

Selecting or Creating a Web Session

Use this feature to select or create a *Web session*, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

Find the Feature   ▤ > Web Sessions

To create a Web session, 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	Web session 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

Setting	Description
Timeout	time at which the phone exits the micro-browser application when no keypress activity is detected
CSD No. 1	primary phone number to use to set up a CSD connection
User Name 1	user name for primary CSD number
Password 1	password for primary CSD number
Speed (Bps) 1	connection speed for primary CSD number
Line Type 1	line type (modem or ISDN) for primary CSD number
CSD No. 2	secondary CSD dial-up phone number
User Name 2	user name for secondary CSD number
Password 2	password for secondary CSD number
Speed (Bps) 2	connection speed for secondary CSD number
Line Type 2	line type (modem or ISDN) for secondary CSD number
GPRS APN	GPRS access point name (the name of the WAP service provider)

Setting	Description
User Name	user name for GPRS APN connection
Password	password for GPRS APN connection

Games and Applications

Your phone may contain a Java game that you can play between calls. The game includes online playing instructions.

Your phone may contain additional Java applications that add features and functionality to your phone. Java games and applications are stored in the `Games & Apps` folder on your phone.

Downloading an Application With the Micro-Browser

Find the Feature ⊟ > Web Access
                        > Browser

Go to the page that contains the application, then:

	Press	To
1	⊙	scroll to the application
2	SELECT (◌)	view the application details
3	DWNLOAD (◌)	download the application

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Launching a Java Application

Find the Feature ⊟ > Games & Apps

	Press	To
1	⊙	scroll to the application
2	SELECT (◌)	launch the application, or open the list of applications in a suite
3	⊙	scroll to the application you want, if necessary
4	SELECT (◌)	launch the application

Editing Network Connection Settings

Entering the DNS IP Address

Your phone must be set up with a valid *Domain Name Service* (DNS) IP address before you can run Java applications that require an active network connection. In many cases, your service provider has already entered this address for you. Contact your service provider to obtain the DNS IP address, if necessary.

Find the Feature   ≣ > Settings
> Java Tools > DNS IP

	Press	To
1	keypad keys	enter the DNS IP address
2	OK (◌)	save the IP address

Approving a Network Connection

When a Java application tries to establish a network connection, your phone prompts you to approve the connection. To automatically approve network connections for Java applications:

Find the Feature   ≣ > Settings
> Java Tools
> Network Access

	Press	To
1	☼	scroll to Always Ask, Ask Once Per App, or Never Ask
2	SELECT (◌)	select the highlighted setting

Using Control Keys

Your phone's keys perform the following functions in a Java application.

Key	Function
$\widehat{\cdot\cdot}$	Move up, down, left, or right in a game.
$\boxed{5_{JKL}}$	"Fire" your weapon in a game.
$\boxed{\textcircled{\tiny 0}}$	End the application.
$\boxed{\text{\tiny C}}$	Call a number in the application.
$\boxed{\textcircled{\tiny }}$	Open the Java applications menu.

Analyzing or Deleting a Java Application

Find the Feature $\textcircled{\tiny }$ > Games & Apps

	Press	To
1	$\widehat{\cdot\cdot}$	scroll to the application
2	$\textcircled{\tiny }$	open the application manager menu
3	$\widehat{\cdot\cdot}$	scroll to a menu option
4	SELECT ($\boxed{\cdot}$)	select the option to perform procedures as described in the following list

The application manager menu can include the following options:

Option	Description
View Details	Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
Delete	Delete the suite.

Viewing Java Version and Available Memory

To view Java version information, or the amount of phone memory available for Java applications:

Find the Feature   M > Settings
                          > Java Tools
                          > Java System

	Press	To
1	☼	scroll through information as described in the following list
2	OK (☐)	close the display

Option	Displays
CLDC Version	Your phone's connected limited device configuration version.
MIDP Version	Your phone's mobile information device profile version.

Option	Displays
Data Space (both Java and non-Java data space)	Memory available for application data (such as game scores or application settings), and for downloaded graphics, ring tones, all camera photos and MMS messages.
Program Space	Memory available for Java applications.
Heap Size	Amount of runtime memory available for Java applications.

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Picture Viewer

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

Downloading Pictures

To download a picture from the micro-browser, see page 169. To download a picture from a message, see page 82.

Managing Pictures

Note: Your phone may include predefined images. These images are identified by a ★ (predefined object) indicator. You cannot rename, delete, or view details about predefined images.

	Press	**To**
1	⊙	scroll to the picture
2	SELECT (⊡)	view the picture
3	⊙ up or down	view the previous/next picture
	or	
	DETAILS (⊡)	view picture information
	or	
	☰	open the Picture Viewer Menu to perform other procedures

The Picture Viewer Menu can include the following options:

Option	**Description**
Details	View picture information.
Set as Wallpaper	Set the picture as your phone's wallpaper image.
Set as Screen Saver	Set the picture as your phone's screen saver image.

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Option	Description
Rename	Rename the picture.
Delete	Delete the picture.

To adjust your phone's wallpaper and screen saver images, see page 55 and page 56.

Creating Ring Tones

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
⧉ > Media Center
> My Tones
> [New Tone]

	Press	To
1	CHANGE (⊡)	select Notes
2	⊙ up or down **or** keypad keys	enter notes (see following section)
3	OK (⊡)	store the notes
4	CHANGE (⊡)	select Name
5	keypad keys	enter the name for the tone
6	OK (⊡)	store the name
7	DONE (⊡)	store the tone

Entering Notes

Press ⊙ up or down to cycle through notes and select the note you want.

Press the keypad keys to set note length, enter rests, and enter or edit note information. If necessary, press a keypad key multiple times to cycle through its available options.

Tip: Press ⊕ > Play All at any time to play the notes you have entered.

Your phone identifies each note by **octave** (*0 through *8), **note** (a through g, with sharp notes preceded by a #), and note **length** (0 through 5). For example, a C# quarter note in octave 4 appears as *4#c2.

Each note must contain the following information, in the following sequence: **octave**, **note**, **length**, and length **modifier** (optional).

Octave

Enter * before a number to identify it as an octave value. Octave information (*0 to *8) must come **before** the note. If you do not specify an octave, the note is played as an octave 4 note.

Key	Display	Description
⓪	*	enter * followed by a number (0 to 8) to set the octave

Note: Octaves 3 through 5 cover the full range of notes currently available on your phone. The notes are duplicated in octaves 0-2 and 6-8.

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Notes and Rests

To make a note sharp or flat, enter the sharp or flat character (**#** or **&**) **before** the note.

You can enter one or more rest characters (**r**) in the note sequence. Set rest length the same way you set note length.

Key	Display	Description
0+	**#**	sharp
	&	flat
2 ABC	**a**	note A
	b	note B
	c	note C
3 DEF	**d**	note D
	e	note E
	f	note F
4 GHI	**g**	note G
7 PQRS	**r**	rest

Lengths and Modifiers

Set the length (**0** to **5**) **after** a note or rest. If you do not specify a length, a quarter note length (**2**) is appended to the note. If needed, you can enter an optional length modifier (**.** or **:** or **;**) **after** the length character.

Key	Display	Description
0+	**0**	whole note
1...	**1**	half note

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Key	Display	Description
2_{ABC}	**2**	quarter note
3_{DEF}	**3**	eighth note
4_{GHI}	**4**	sixteenth note
5_{JKL}	**5**	1/32 note
$1_{..@}$	**.**	dotted note (1 and 1/2 length note)
	:	double dotted note (1 and 3/4 length note)
	;	2/3 length note

Example

Action
1 Press $\odot$ to scroll up to ***4c** , then wait for the cursor to move to the next position
2 Press $\odot$ to scroll down to ***3f**   The phone adds a **2** after each note you enter to identify it as a quarter note.
3 Press 7 to enter a rest character (**r**)
4 Press $\odot$ to scroll up to ***3a**
5 Press $\odot$ to scroll up to ***4c**
6 Press $\boxed{?}$ > **Play All** to play the tone

Playing a Tone

Find the Feature　　　$\boxed{?}$ > **Media Center**
　　　　　　　　　　　　　　> **My Tones**

	Press	To
1	⊙	scroll to the tone
2	▤	open the **Tone Menu**
3	⊙	scroll to **Play**
4	**SELECT** (▢)	select **Play**
5	**PLAY** (▢)	play the tone again
	or	
	CANCEL (▢)	return to my tones list

Editing a Tone

You cannot edit the predefined ring tones included with your phone. To edit a ring tone that you created:

Find the Feature   ▤ > **Media Center**
                          > **My Tones**

	Press	To
1	⊙	scroll to the tone
2	**EDIT** (▢)	open the tone details
3	⊙	scroll to **Notes**
4	**CHANGE** (▢)	select **Notes**
5	⊙ left or right	move the cursor to the right of the note information you want to edit
6	**DELETE** (▢)	delete note information

	Press	To
7	⊙ up or down	enter new note information
	or	
	keypad keys	
8	OK (⊙)	store new note information
9	DONE (⊙)	save your changes

Deleting a Tone

You cannot delete the predefined ring tones included with your phone. To delete a ring tone that you created:

Find the Feature ⧉ > Media Center
> My Tones

	Press	To
1	⊙	scroll to the tone
2	⧉	open the Tone Menu
3	⊙	scroll to Delete
4	SELECT (⊙)	select Delete
5	YES (⊙)	confirm the deletion

Downloading a Ring Tone

You can download ring tones from the micro-browser application, or from a text message. To download tones from the micro-browser, see page 169. To download tones from a text message, see page 82.

Sending Ring Tones

You can send ring tones to other wireless phone users. To insert a ring tone in a text message, see page 76.

Camera

You can take photos with your phone when the optional Motorola Original™ Digital Camera accessory is plugged into the phone's accessory connector port. For instructions on how to take and send photos, see your *Start Here* guide.

Activating Low Light Setting

When taking photos in dimly lit environments, you can activate a low light setting for better photo quality.

When lighting conditions are adequate, return the camera to the normal light setting for best photo quality.

Note: The default setting is **Normal Lighting**. The camera automatically returns to the default setting when the picture messages application is restarted.

Find the Feature   🗐 > **Picture Msgs**
                          > **Settings**
                          > **Low Light Setting**

	Press	To
1	⊙	scroll to **Low Lighting** or **Normal Lighting**
2	**SELECT** (⊡)	select the option

Setting Light Frequency

Your camera's light frequency setting must be set correctly to ensure optimal picture quality. When the camera is first powered up, it initializes this setting according to your country of operation.

You may sometimes need to adjust the light frequency setting to match the electrical frequency of the local main electrical system (for example, 60 Hz in the USA and 50 Hz in EU). If your photos have dark bands or distorted colors, change the light frequency setting to improve photo quality.

Find the Feature $\boxed{\equiv}$ > Picture Msgs
> Settings
> Photo Quality

	Press	**To**
1	$\diamondsuit$	scroll to the correct frequency for your country
2	SELECT ($\boxed{\square}$)	select the option
3	BACK ($\boxed{\square}$)	store the setting

Troubleshooting

Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at 2506-3888 (Hong Kong)

Question	Answer
Is your battery charged? Do you see ▭ in the display?	The battery level indicator should have at least 1 segment showing (▯). If it does not, recharge your battery. See page 19.
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card. See page 17.
Does the handset have a signal? Do you see ﹖ in the display?	The signal strength indicator should have at least 1 segment showing (﹖). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume key on the side of your phone.

Question	Answer
Is the other party unable to hear you?	Your phone may be muted. Press **UNMUTE** (⊡) if necessary to unmute the phone.
	Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
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 liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to specific problems:

Problem	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 48.

Problem	Solution
I pressed the power key, but nothing happened.	Be sure to press and hold 🔘 (the power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed. See page 18.
The display says: 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 17.
The display says: 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 unblocking key (PUK) code. See page 164.
The display says: 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).

Problem	Solution
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you do not know the unlock code, see page 48.
My phone does not ring.	If you see Δ^z_z or $\aleph\square\aleph$ in the display, then the ringer is turned off. To change the ring style, see page 53. 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 110.
I tried to place a call and heard an alternating high/low tone.	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 making a call.

Problem	Solution
I cannot send/ receive calls.	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.
	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**).
	Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged.
	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.

Problem	Solution
I cannot hear others on my phone.	While on a call, press the upper volume key. Your phone display should show the volume increasing. Also, make sure that your phone's earpiece is not blocked by its carrying case.
I cannot open my text message inbox.	Before you can use text messages, you must set up the message inbox. See page 71.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received: Ⓜ > **More** > Recent Calls > Received Calls or Dialed Calls

Problem	Solution
My phone will not send voicemail commands, passwords, or other codes.	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. **1** From the idle display, press: **≣ > Settings** **> Initial Setup > DTMF** **2** Press ⊙ to scroll to **Long** or **Short**. **3** Press **SELECT** (□) to select it.
My phone's display is too dark.	Use the **Contrast** feature to change the level of contrast in your display. See page 57. You can also use the **Backlight** feature to change the length of time that the display backlight stays on. See page 58.
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 20.

Problem	Solution
I am unable to record a voice name	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 plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer. Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.

Problem	Solution
My phone beeped when I attached the data cable, but my data and fax applications do not work.	Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case. Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard *Circuit Switch Data* (CSD) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps. **Note:** A GPRS connection may have a higher data transfer rate.
I can't end my data call by closing the application on my computer. What can I do?	Try pressing 🔘 on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.

Problem	Solution
I launched the micro-browser but the display says: 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 says: 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 CENELEC[2] 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 0.93 W/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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Wireless Phone Safety Tips

"Safety is your most important call!"

Your Motorola wireless telephone gives you the powerful ability to communicate by voice— almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

1 **Get to know your Motorola wireless phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.

2 **When available, use a hands-free device.** If possible, add an additional layer of convenience to your wireless

phone with one of the many Motorola Original™ hands-free accessories available today.

3   **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4   **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.

5   **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.

6   **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7   **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.

8   **Use your wireless phone to call for help.** Dial 9-9-9 or other local emergency number in the case of fire, traffic accident or medical emergencies.*

9 **Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-9-9 or other local emergency number, as you would want others to do for you.*

10 **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

*   Wherever wireless phone service is available.

Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.

Safety–
Your most
important call

Motorola Reminds You
To Use Your Phone
Safely When Driving