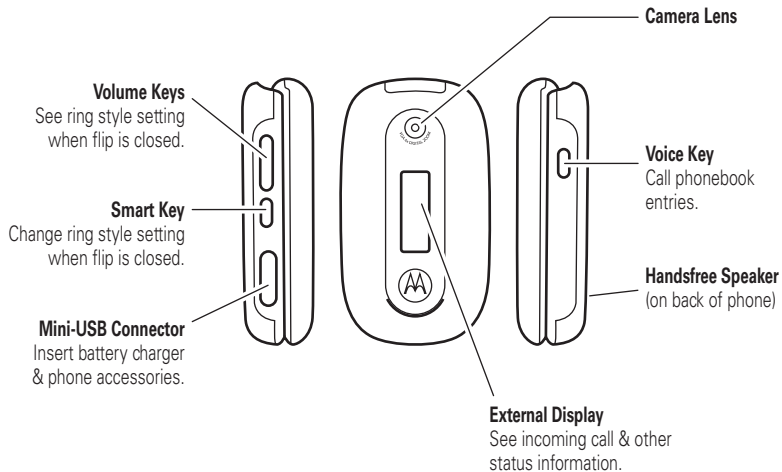


INSTRUCTION MANUAL

A preliminary draft of the User's Manual follows this page.



Home Screen




1 Press and hold the **Power Key**  for a few seconds, or until the display lights up, to turn on your phone.

2 Press the **Menu Key**  to open the **Main Menu**.

Main Menu



3 Press the **Navigation Key**  up, down, left, or right to highlight a menu feature.

4 Press the **Right Soft Key (Select)** to select it.

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Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual Number: 6809511A36-0

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menu map

main menu



Phonebook



Recent Calls

- Received Calls
- Dialed Calls
- Notepad
- Call Times*
- Data Times*
- Data Volumes*



Messages

- Create Message
- Message Inbox
- MMS Templates
- Quick Notes
- Voicemail
- Email Msgs
- Outbox
- Drafts
- Browser Msgs
- Info Services*



Tools

- Voice Message
- Calculator
- Datebook
- Shortcuts
- Voice Records
- Alarm Clock
- STK*
- Dialing Services



Games & Apps



Web Access

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



Multimedia

- Pictures
- Camera
- Sounds
- Videos
- Video Camera



IM*



Settings

- (see next page)

* optional features

This is the standard main menu layout. Your phone's menu may be a little different.

settings menu



Personalize

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



Ring Styles

- Style
- Style Detail



Sync



Call Forward *

- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status



In-Call Setup

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



Initial Setup

- Time and Date
- 1-Touch Dial
- Display Timeout*
- Backlight
- Scroll
- Language
- Brightness
- External Display
- DTMF
- Master Reset
- Master Clear



Phone Status

- My Tel. Numbers
- Active Line*
- Battery Meter
- Storage Devices
- Software Update*
- Other Information



Headset

- Auto Answer
- Voice Dial



Car Settings

- Auto Answer
- Auto Handsfree
- Power-off Delay
- Charger Time



Network

- New Network
- Network Setup
- Available Networks
- My Network List*
- Service Tone*
- Network Jingle *
- Call Drop Tone



Security

- Phone Lock
- Lock PTT Key*
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords
- Certificate Management



PTT Settings

- PTT Service

* optional features

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions,

may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use and Care

To care for your Motorola phone, please keep it away from:



liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.



dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.



cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



microwaves

Don't try to dry your phone in a microwave oven.



the ground

Don't drop your phone.

essentials






CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

about this guide

This guide shows how to locate a menu feature as follows:

Find it:  >  **Recent Calls** > **Dialed Calls**

This example shows that, from the home screen:

- 1 Press  to open the main menu.
- 2 Press the navigation key  to scroll to  **Recent Calls**, and press **Select** (the right soft key) or the center select key  to select it.
- 3 Scroll to **Dialed Calls**, and press **Select** or the center key  to select it.

symbols



This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.



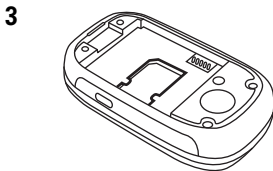
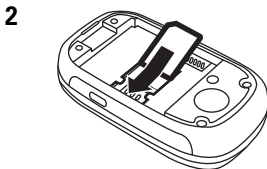
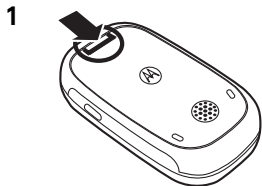
This means a feature requires an optional accessory.

SIM card

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.

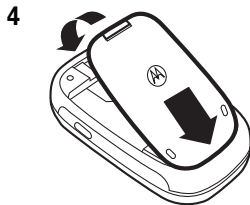
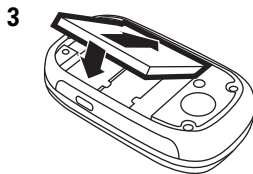
Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

To install a SIM card:



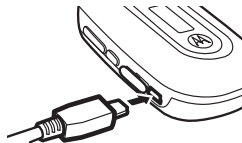
battery

battery installation



battery charging

New batteries are not fully charged. Plug the travel charger into your phone and an



electrical outlet. Your phone displays **Charge Complete** when finished.

Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

You can also charge your battery by connecting a cable from your phone's mini-USB port to a USB port on a computer. Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.

battery tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place.
- Never 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.



- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.




Contact your local recycling center for proper battery disposal.

Warning: Never dispose of batteries in a fire because they may explode.


Before using your phone, read the battery safety information in the “Safety and General Information” section included in this guide.

turn it on & off


To turn on your phone, press and hold  for a few seconds or until the display turns on. If prompted, enter your six-digit SIM card PIN code and/or four-digit unlock code.




Caution: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. Contact your service provider.


To turn off your phone, press and hold  for two seconds.


make a call


Enter a phone number and press  to make a call.

To “hang up,” close the flip or press .



answer a call

Note: Your phone cannot receive data over an EDGE network while it is playing videos or some sound files. The EDGE  status indicator appears at the top of your display when you can receive data over an EDGE network.


When your phone rings and/or vibrates, just open the flip or press  to answer.

To “hang up,” close the flip or press .

your phone number

From the home screen, press   to see your number.

Tip: Want to see your phone number while you’re on a call? Press , then scroll to **My Tel. Number** and press **Select**.

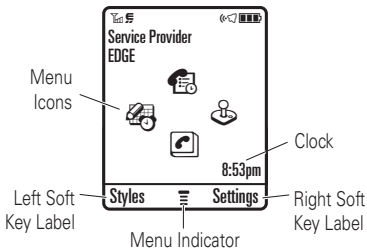
To store or edit your name and phone number on your SIM card, press the **Edit**  key while displaying it. If you don’t know your phone number, contact your service provider.

basics


See page 1 for a basic phone diagram.



display


The *home screen* displays when you turn on the phone.



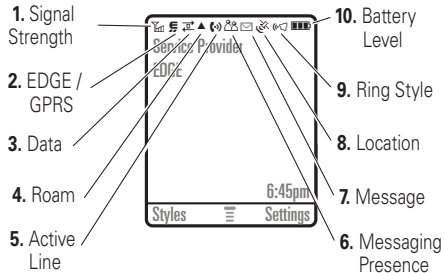
Note: Your home screen may look different, depending on your service provider.

To dial a number from the home screen, press number keys and then .

The *menu indicator*  shows that you can press  to open the main menu. *Soft key labels* show the current soft key functions. For soft key locations, see page 1.

Press  up, down, left, or right in the home screen to open menus (indicated by icons). You can show or hide menu icons in the home screen, and change the icons shown (see page 69).

Your phone displays status indicators at the top of the home screen:



1 Signal Strength Indicator— Vertical bars show the strength of the network connection. You can't make or receive calls when or displays.

2 EDGE/GPRS Indicator— Shows when your phone is using a high-speed *Enhanced Data for GSM Evolution* (EDGE) or *General Packet Radio*



Service (GPRS) network connection. Indicators can include:

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


3 Data Indicator— Indicators can include:



= secure packet data transfer
 = unsecure packet data transfer

= secure application connection
 = unsecure application connection

= secure *Circuit Switch Data* (CSD) call
 = unsecure CSD call

4 Roam Indicator— Shows ▲ when your phone is seeking or using a network outside your home network. 


5 Active Line Indicator— Shows ☎ to indicate an active call, or ☎ to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:

☎1 = line 1 active


☎➔ = line 1 active, call forward on


☎2 = line 2 active


☎➔ = line 2 active, call forward on


6 Messaging Presence Indicator— Shows when instant messaging (IM) is active. Indicators can include: 


 = IM active


 = available for IM


 = busy


 = invisible to IM


 = available for phone calls


 = offline

The Java™ indicator  shows when a Java application is active.



7 Message Indicator— Shows when you receive a new message. Indicators can include: 

 = text message

 = voice message

 = voicemail & text message

 = IM message

8 Location Indicator— Shows when your phone can send location information  or not .

9 Ring Style Indicator— Shows the ring style setting.

🔔 = loud ring

🔔🔊 = vibrate & ring

🔔 = soft ring

🔔🔊 = vibrate then ring

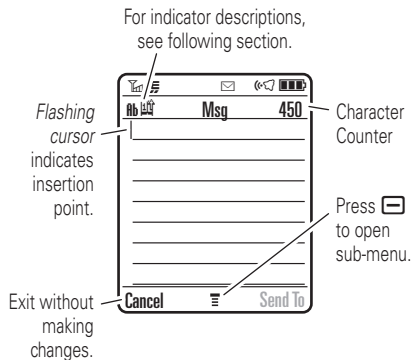
🔊 = vibrate

🔕 = silent

10 Battery Level Indicator— Vertical bars show the battery charge level. Recharge the battery when your phone shows **Low Battery**.

text entry

Some features let you enter text.



Press **#** in a text entry screen to select an entry mode:

entry mode	
1 or 1	Your Primary text entry mode can be set to any iTAP™ 1 or tap 1 mode.
2 or 2	Your Secondary text entry mode can be set to any iTAP 2 or tap 2 mode, or set to None if you don't want a secondary entry mode.
12	Numeric mode enters numbers only.
@	Symbol mode enters symbols only.

To set your primary and secondary text entry modes, press **⌘** and select **Entry Setup** in a text entry screen, then select **Primary Setup** or **Secondary Setup**.

Tip: WANT TO SHOUT YOUR MESSAGE?

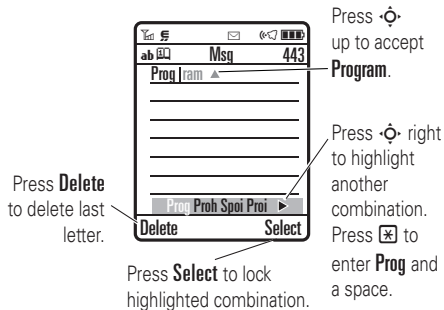
Press **0** in a text entry screen to change text case to all capital letters (**AB**), no capital letters (**ab**) or mixed capitals (**Ab**).

iTAP™ mode

Press **#** in a text entry screen to switch to iTAP mode. If you don't see **1** or **2**, press **⌘** > **Entry Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one key press per letter. The iTAP software combines your key presses into common words, and predicts each word as you enter it.

For example, if you press **7 7 6 4**, your phone displays:



- If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you

want. Enter a space to change back to iTAP mode.

- Press **1** to enter punctuation or other characters.

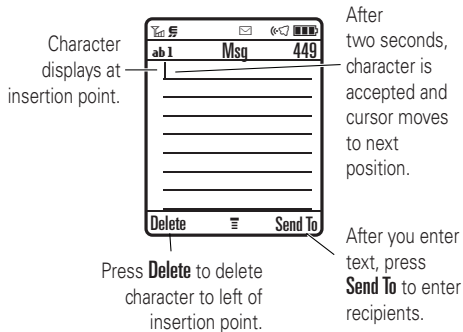
tap and tap extended modes

Press **#** in a text entry screen to switch to tap mode. If you don't see **Ab 1** or **Ab 2**, press **☰** > **Entry Setup** to set tap mode as your primary or secondary text entry mode.

Tap mode lets you press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

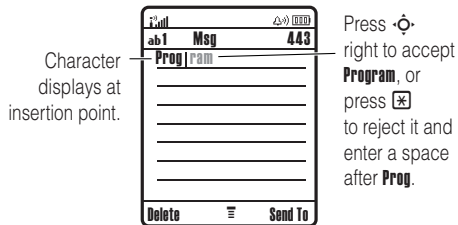
Tap extended mode cycles through additional special characters and symbols as you repeatedly press a keypad key. (For example, pressing **2** cycles through the following characters: a, b, c, 2, á, à, â, ã, ç, æ).

For example, if you press **8** once, your phone displays:



When you enter three or more characters in a row, your phone may guess the rest of the

word. For example, if you enter **prog** your phone might display:



- The first character of every sentence is capitalized. If necessary, press **[arrow down]** to change the character to lowercase before the cursor moves to the next position.
- Press **[arrow left]** to move the flashing cursor to enter or edit message text.
- If you don't want to save your text or text edits, press **[power]** to go to **Msg Abort**

Options. Select **Abort Message** to exit without saving.

- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

Press **#** in a text entry screen until you see **12**. Press the number keys to enter the numbers you want.

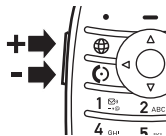
symbol mode

Press **#** in a text entry screen until you see **@**. Press a keypad key to show its symbols at the bottom of the display. Highlight the symbol you want, then press the **Select** key.

volume

Press the volume keys to:

- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen





Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key in the home screen.

external display

When your phone is closed, the external display shows the time, date, status indicators, and notifications for incoming calls

and other events. For a list of phone status indicators, see page 18.

Tip: To change external display orientation, press  >  **Settings** > **Initial Setup** > **External Display** > **Left Orientation** or **Right Orientation**.


set phone ring style in external display

To set the phone ring style in the external display:

- 1 *With the flip closed*, press a volume key to display **Style: style name**.
- 2 Press the smart key repeatedly, until the style you want appears.
- 3 Press a volume key to return to the home screen.

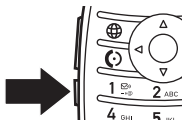
return unanswered call in external display

Your phone keeps a record of your unanswered calls, and the external display shows **X Missed Calls**, where **X** is the number of missed calls.

Tip: Since the microphone and earpiece are hidden when the phone flip is closed, you'll have to use a headset or other handsfree device to make and receive calls. 

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

1 Press the smart key (see illustration) to see the received calls list.



- 2 Press the volume keys to scroll to an unanswered call.
- To call the number with a headset connected to your phone, press and hold the smart key.
 - To exit without calling, press the smart key briefly.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call, press the **Speaker** key to turn the handsfree speaker on. Your phone displays

Spkrphone On. Press the **Speaker** key again to turn off the handsfree speaker.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234**. The six-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it:  >  **Settings** > **Security**
> **New Passwords**

You can also change your **SIM PIN2** or call barring passwords.

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

If you forget your unlock code:

At the **Enter Unlock Code** prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press  and enter your six-digit security code instead.



lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit unlock code.

To manually lock your phone:

Find it:  >  **Settings** > **Security** > **Phone Lock** > **Lock Now** > *unlock code*

To automatically lock your phone whenever you turn it off:

Find it:  >  **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On** > *unlock code*

Note: You can make emergency calls on a locked phone (see page 37). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer.**

battery meter

View a meter that shows your battery's charge level:

Find it:  >  **Settings** > **Phone Status**

Scroll to **Battery Meter** and press **View**.

phone updates



Sometimes we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find

out if your phone can be updated at:
<http://hellomoto.com/update>

Note: Software updates do not affect your phonebook entries or other personal entries. If you receive a software update but want to install it later, see page 73.

customize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. You can select **Loud**, **Soft**, **Vibrate**, **Vibe & Ring**, **Vibe Then Ring**, or **Silent**.

The ring style s indicator displays at the top of your home screen (see page 20). To choose your ring style:

Find it:  >  **Settings** > **Ring Styles**

- 1 Scroll to **Style** and press **Change**.
- 2 Scroll to the style you want and press **Select**.

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved with the current ring style.

Find it:  >  **Settings** > **Ring Styles**




- 1 Scroll to *Style Detail* and press **Change**.
Note: *Style* represents the current ring style. You can't set an alert for the **Silent** ring style setting.
- 2 Scroll to **Calls** and press **Change**.
- 3 Scroll to the alert you want and press **Select**.
- 4 Press **Back** to save the alert setting.

time & date

You need to set your phone's time and date to use the datebook.

To change the time:

Find it:  >  **Settings** > **Initial Setup**
> **Time and Date**



- 1 Scroll to the time and press **Change**.
- 2 Press  left or right to select the hour, minute, or display format (**am**, **pm**, or **24hr**), and press  up or down to change the settings for each. Press **Ok** when finished.
- 3 Press  to return to the home screen.

To choose an analog or digital clock for your home screen:

Find it:  >  **Settings** > **Personalize**
> **Home Screen** > **Clock**

To change the date:

Find it:  >  **Settings** > **Initial Setup**
> **Time and Date**

- 1 Scroll to the date and press **Change**.
- 2 To change the date, scroll to **Date** and press **Change**. Then press  left or right to select the month, day, or year, and press  up or down to change the settings for each. Press **Ok** when finished.

To change how the date is displayed, scroll to **Format** and press **Change**. Scroll to the format you want and press **Select**.

- 3 Press  to return to the home screen.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Find it:  >  Settings > Personalize > Wallpaper

option	
Picture	Select an image for your wallpaper, or None for no wallpaper.
Layout	Select Center to center the image in the display, Tile to repeat the image across the display, or Fit-to-screen to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver. The screen saver displays when the flip is open and no activity is detected for a specified time.

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.

Find it:  >  Settings > Personalize > Screen Saver

option	
Picture	Select an image for your screen saver, or None for no screen saver.
Delay	Select the length of inactivity before the screen saver displays.

display appearance

To choose a color style that sets the look of your phone's display:

Find it:  >  Settings > Personalize > Color Style

To adjust the brightness of your phone's display:

Find it:  >  Settings > Initial Setup > Brightness

To save battery life, your keypad backlight turns off when you're not using your phone.

The backlight turns back on when you open the flip or press any key. **To set how long your phone waits before the keypad backlight turns off:**

Press  >  **Settings** > **Initial Setup** > **Backlight**

To save battery life, the display can turn off when you're not using your phone. The display turns back on when you open the flip or press any key. **To set how long your phone waits before the display turns off:**

Find it:  >  **Settings** > **Initial Setup**
> **Display Timeout**

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

Find it:  >  **Settings** > **In-Call Setup**
> **Answer Options**

option	
Multi-Key	Answer by pressing any key.
Open To Answer	Answer by opening the flip.

calls

To make and answer calls, see page 16.



turn off a call alert


You can press the volume keys to turn off a call alert before answering the call.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press  from the home screen to see the dialed calls list.

Find it:  >  **Recent Calls**

- 1 Scroll to **Received Calls** or **Dialed Calls**, then press **Select**.
- 2 Scroll to a call. A ✓ next to a call means the call connected.
 - To call the number, press .
 - To see call details (like time and date), press **View**.

- To see the **Last Calls Menu**, press . This menu can include:



option	
Store	Create a phonebook entry with the number in the No. field. Store does not appear if the number is already stored.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	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 calls lists.

option

Talk then Fax Talk and then send a fax in the same call (see page 34).



redial


- Press  from the home screen to see the dialed calls list.
- Scroll to the entry you want to call, then press .

If you hear a **busy signal** and see **Call Failed, Number Busy**, press  or **Retry** to redial the number. When the call goes through, your phone rings or vibrates once, displays **Redial Successful**, and connects the call.



return a call

Your phone keeps a record of your unanswered calls, and displays *X* **Missed Calls**, where *X* is the number of missed calls.


- 1 Press **View** to see the received calls list.
- 2 Scroll to the call you want to return, then press .

notepad

The last set of digits entered on the keypad are stored in *notepad* memory. This can be the last phone number you called, or a number that you “jot down” during a call for later use. To see the number stored in the notepad:


Find it: Press  >  > **Recent Calls** > **Notepad**

- To call the number, press .


- To create a phonebook entry with the number in the **No.** field, press **STORE**.
- To open the **Dialing Menu** to attach a number or insert a special character, press .

hold or transfer a call

To put all active calls on hold:

- 1 Press .
- 2 Scroll to **Hold** and press **Select**.
- 3 Press **Resume** to take the call off hold.

To transfer a call:

- 1 Press .
- 2 Enter the number to receive the call and press **Ok**.

or

Press **Browse**, then scroll to **Phonebook, Dialed Calls**, or **Received Calls**, and press **Select**. Scroll to the number to receive the call and press **Select**, then press **Ok**.

call waiting


When you're on a call, you'll hear an alert if you receive a second call.



To answer the new call, press .

To switch between calls, press **Switch**.

To connect the two calls, press **Link**.

To end the call on hold, press , then select **End Call On Hold**.

To turn the call waiting feature on or off:

Find it:  >  **Settings** > **In-Call Setup**
> **Call Waiting**

caller ID


Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.



Your phone shows the caller's name and picture when they're stored in your phonebook, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 64).


To show or hide **your phone number from the next person you call:**

- 1 Enter the phone number.
- 2 Press .
- 3 Scroll to **Hide ID** and press **Select**.



emergency calls

Your service provider programs 1 or more emergency phone numbers, such as 911 or 112, 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.

- 1 Press the keypad keys to dial the emergency number.
- 2 Press  to call the emergency number.

international calls

If your phone service includes international dialing, press and hold   to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.

1-touch dial

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



You can set 1-touch dial to call the entries in your phone's memory phonebook, your SIM card's phonebook, or your Fixed Dial list:

Find it:  >  **Settings** > **Initial Setup**

- 1 Scroll to **1 Touch Dial** and press **Change**.
- 2 Scroll to **Phone**, **SIM**, or **Fixed Dial**, and press **Select**.

To add a new phonebook entry, see page 63.

To edit the **Speed No.** for a phonebook entry:

Find it:  >  **Phonebook**

Scroll to the entry and press **Edit**.

push to talk (PTT)


Push to Talk (PTT) lets you talk walkie-talkie style with other PTT subscribers. You can talk to one person or a group.



PTT and the other related features indicated are network and subscription dependent features, and are not available in all areas. PTT connectivity requires PTT-compatible phones.



Note: To lock your PTT key or turn PTT on or off, see page 43.


make a PTT call

When  appears at the top of your home screen, you can make and receive PTT calls. To make a PTT:

- 1 Enter a PTT subscriber's phone number in your home screen, or select a contact or group from a list:
 - **PTT Contacts** (press the PTT key to open the list)
Note: If you change the **Open To** setting, pressing the PTT key does not open the contacts list (see page 43).
 - **PTT Quick Group** (press the PTT key, press , then select **Quick Group**)
This lets you select more than one contact for the call.
 - **PTT Groups** (press the PTT key, press , then select **Go To Groups**).

2 Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak.


To speak during a PTT call, hold the PTT key and speak after the tone. Only one person can speak at a time.

To end the call, press . If no one speaks for 20 seconds, the call ends (actual timing varies by network).


To send a PTT alert instead of a standard PTT call, scroll to a PTT contact in **PTT Contacts** and press **Alert**. The contact's phone rings or vibrates, and the contact can speak first. If the contact does not respond, the call ends. You cannot send alerts to groups.

answer a PTT call

Note: Your phone cannot receive PTT calls while it is recording videos, and may not

receive PTT calls while it is playing videos or some sound files. The PTT indicator  appears at the top of your display when you can receive PTT calls.

When you receive a PTT call, you hear a tone or alert followed by conversation from the caller.

- **To speak** when the caller stops speaking, hold the PTT key and speak after the tone. Only one person can speak at a time.
- **To end the call**, press .

If you change your **My Answer Mode** setting to **Manual**, your phone does not automatically answer as described (see page 44).

When you receive a PTT alert, press the PTT key and speak after the tone. You can also press **Ignore** to cancel the call.

Your display shows **Missed Call** if you miss a PTT alert. It does not show **Missed Call** when you miss a standard PTT call unless you set **My Answer Mode** to **Manual** (see page 44).

send a picture with push to view (PTV)

You can send a picture during a PTT call, or you can open a picture and start a PTT call to send it.

Note: You cannot send pictures in group calls or while someone is speaking. You can send pictures only to phones with push to view (PTV) capability.

To send a picture during a PTT call, press **Options**, then select **Camera** to capture a new picture or **Pictures** to send a stored picture.

To send a stored picture:

Find it:  >  **Multimedia** > **Pictures**

- 1 Scroll to the picture.
- 2 Press the PTT key.

To take a photo and send it:

Find it:  >  **Multimedia** > **Camera**


- 1 Press **Capture** to take the photo.
- 2 Press the PTT key.

Your phone plays a tone when the picture transfer completes. To speak after the picture transfers, hold the PTT key, then speak after the tone.

PTT contacts & groups



You can store PTT **Contacts** to make one-to-one calls, or you can store PTT **Groups** to make group calls.

To store a contact:

- 1 Press the PTT key.
- 2 Press  and select **Add New Contact**.
- 3 Enter the contact's **Name** and phone number (**No.**), then press **Done**.


Your network stores the contact and returns to the **PTT Contacts** list, with the new contact shown.

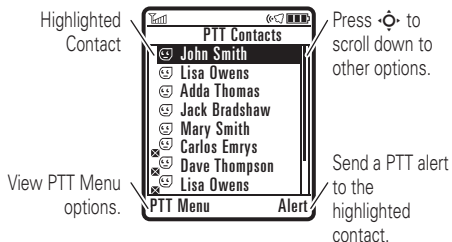
To create a group of contacts that you can call at the same time:

- 1 Press the PTT key.
- 2 Press  and select **Go To Groups**.
- 3 Press  and select **Add New Group**.
- 4 Enter the group's **Name** and select the **Members**, then press **Done**.


Your network stores the group, and your phone returns to the **PTT Groups** list with the new group shown.


To see PTT contacts:

- 1 Press the PTT key.
- 2 Scroll to a contact and press  to view, edit, or delete it.








To see PTT groups:


- 1 Press the PTT key.
- 2 Press  and select **Go To Groups**.

- 3 Scroll to a group and press  to view or delete it.

You cannot edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists indicate if someone is online (, ) or offline (, ). They also tell you if a contact is blocked ().

To block a contact:

- 1 Scroll to the contact and press , then select **Edit**.
- 2 Select **Block Mode**, then select **On**.

To unblock the contact, scroll to it and select **Unblock**.

To refresh the contact or group list from your network, press **Options**, then select **Refresh List**.

PTT settings

To turn PTT on or off from your home screen:

Find it:  >  **Settings** > **PTT Settings** > **PTT Service** > **On/Off**

To prevent accidental PTT calls, you can set your phone to lock the PTT key automatically when you haven't pressed it for a few minutes and your phone is closed. **To set the PTT key to lock automatically:**

Find it:  >  **Settings** > **Security** > **Lock PTT Key**

Select how long your phone should wait before it locks the key.

To unlock the key, hold it for two seconds or open the phone. The PTT key unlocks when you receive a PTT call.

To change the PTT menu and call preferences:

- 1 Press the PTT key.
- 2 Press **Options**, then select **Setup**. You can choose from these options:

options	
Open To	From the home screen, the PTT key can open the PTT Menu , your contacts list sorted by name, or the most recent call (Last Contact Call).
Sort by	Sort your contacts and groups by Name , online Status , or call Frequency .
My Answer Mode	Set the mode for incoming PTT calls to Manual (press the PTT key to answer) or Automatic (standard mode that accepts all calls).

options	
Block Unknown	Choose Yes to block unknown PTT callers.
PTT Call Failure	If a PTT call fails, your phone can ask if you want to make a voice call to the number (Manual Voice Call), your phone can Auto-Voice Call the number, or it can make No Voice Call .
Tone Volume	Set the volume for the tone you hear when it is your turn to speak.
PTT Speaker	Turn the speakerphone On or Off for PTT calls.

options	
Set Online Alert Tone	<p>You can set an online alert to tell you when a contact or group comes online (scroll to the entry in your PTT Contacts or PTT Groups and press Options > Enable Online Alert).</p> <p>This setting tells your phone whether to play these alert tones (On) or not (Off).</p>
GPRS Settings	This is set by your service provider.
Server Settings	This is set by your service provider.

options	
Hide Picture	<p>Pictures received from Push to View (PTV) can be hidden after a set time: Always, 5 minutes, 1 hour, 1 day, 1 week, or Never.</p>

entertainment

You can do much more with your phone than make and receive calls!


photos

Your camera lens is on the back of your phone when the phone is open (see page 1). **To get the sharpest photos, wipe the lens clean with a dry cloth before you take a photo.**

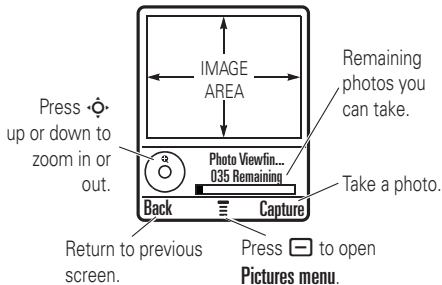
take photo

To activate your phone's camera:

Find it:  >  **Multimedia** > **Camera**

Tip: You can also activate your phone's camera by pressing the camera key .

Your phone displays the active viewfinder image:



- 1 Point the camera lens at the photo subject.

Press ⬆️ up and down **to zoom in our out.**

Press **⏏** to open the **Pictures Menu** for other options (see “pictures menu” below).

- 2 Press **Capture** to take a photo.
- 3 To send the photo in a multimedia message, press **Store**, then select **Send in Message**.

or

To store the photo, press **Store**, then scroll to and select **Store Only**.

or

To delete the photo and return to the active viewfinder, press **Discard**.

pictures menu

When the viewfinder is active, press **⏏** to open the **Pictures Menu**:

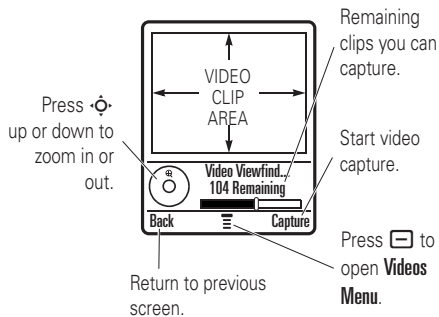
option	
Go To Pictures	View stored pictures and photos.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Pictures Setup	Open the setup menu to adjust photo settings.
View Free Space	See how much memory remains.

video clips

record a video clip

To see the video camera viewfinder:


Find it:  >  **Multimedia** > **Video Camera**




Note: The number of video clips remaining is an estimate.

Note: If you want to send your video in an MMS message, the video length must be set to **MMS**. See "videos menu" on page 49.

1 Point the camera lens at the video subject.

Press  up and down **to zoom in or out**.

Note: You can zoom only before you start recording.

Press  to open the **Videos Menu** for other options (see page 49).

2 Press **Capture** to start the video recording.

3 Press **Stop** to stop the video recording.

4 To send the video clip in a multimedia message, press **Store**, then select **Send in Message**.

or

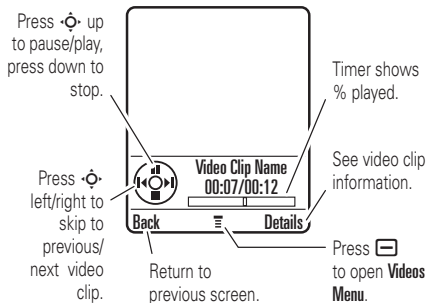
To store the video clip, press **Store**, then scroll to and select **Store Only**.

or

To delete the video clip and return to the active viewfinder, press **Discard**.

play a video clip

Find it: [Menu] > [Multimedia] > **Videos** > *video clip*



Scroll the clip you want to play and press **Play**.

videos menu

During video recording or playback, press [Menu] to select video options:

options	
Go To Videos	See video clips stored on your phone.
Send In Message	Insert a video clip in a new message.
New	Activate the video camera to record a new video clip.
Details	See video clip information.
Rename	Rename the video clip.
Delete	Delete marked video clip(s).
Mark/Unmark	Mark one or more video clips that you want to delete, move, copy, or assign to a category.

options	
Mark All	Mark all video clips to delete, move, copy, or assign them to a category.
Categories	List video clips in a selected category.
Assign To Category	Assign video clip(s) to a category.
Videos Setup	Adjust video settings: Auto Repeat, Video Length, Recording Sound Note: If you set Video Length to Maximum , your network might not let you send the video clip in a multimedia message. Ask your service provider about limitations.
View Free Space	See how much memory remains for storing video clips.

messages

voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.



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

When you **receive** a voicemail message, your phone displays the voicemail message indicator  and **New Voicemail**. Press **CALL** to listen to the message.

To **check** voicemail messages:


Find it:  >  **Messages** > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you don't know your voicemail number, contact your service provider.

Note: You can't store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

send multimedia message

Find it:  >  **Messages** > **Create Message**
> **New Multimedia Msg**

- 1 Press  to open the **MMS Menu** (see page 53).
- 2 Enter message text.
- 3 Scroll to **Insert** and press **Select**.
- 4 To insert a stored multimedia object, scroll to **Picture**, **Voice Record**, **Sound**, or **Video**, and press **Select**. Then scroll to the object you want and press **Insert**.


or

To take and insert a new photo, scroll to **New Picture** and press **Select**. Take the photo and press **Insert**.


or

To record and insert a new video clip, scroll to **New Video** and press **Select**. Record the video clip and press **Insert**.

- 5 Press **Send To**.


- 6 Scroll to each entry you want to receive the message and press the center key .

or

Scroll to **[New Number]** or **[New Email Address]** and press the center key . Enter the recipient's phone number or email address and press **Ok**.

- 7 Press **Send** to send the message.


or

Press  to open the **Send To Menu**, then select **Message Options** (see table below), **Message Details**, **Save to Drafts**, or **Abort Message**.

The **Message Options** menu can include:

options	
Cc	Enter names of recipient(s) to receive message copy. Names entered here can be viewed by all recipients.
Bcc	Enter names of recipients to receive message copy. A name entered here can be viewed ONLY by the sender and by that recipient but NOT by other recipients.
Subject	Enter the message subject.
Attachments	Add a picture or sound.
Priority	Set to Normal or Urgent .
Delivery Report	Receive confirmation of successful delivery.



mms menu options

While creating a multimedia message, press  to open the **MMS Menu**:

options	
Insert	Insert a multimedia object, a quick note, an MMS template, or a phone number from the Phonebook , Received Calls , or Dialed Calls list.
Message Options	(See table in previous section.)
Set Page Timing	Set how long a page will be displayed.
Message Details	View message statistics.
Entry Mode	Specify which entry mode to use as default (see page 20).

options	
Entry Setup	Assign text entry methods to Primary and Secondary entry modes (see page 20).
Cancel Message	Open the Msg Abort Options screen.

receive a multimedia message

When you receive a multimedia message or letter, your phone plays an alert, and the display shows **New Message** with a message indicator (such as ). 


read message

Press the **Read** key to open a new message.

- Photos, pictures, and animations show as you read the message.

- A sound file plays as you read the message. Use the volume keys to adjust the sound volume.
- Attached files are added to the end of the message. To open an attachment, select the file indicator/filename.

message menu





Press  while viewing a message list or reading a message to open the **Message Menu**:










options	
Delete	Delete the selected message.
Call Back	Call the message sender.
Reply	Compose and send a reply to the message sender.
Forward	Forward the message to another number.

options	
Lock	Lock the message to prevent it from being deleted.
Store	Store the phone number of the message sender as a phonebook entry.
Cleanup Messages	Delete all messages or only messages you specify.
Create Message	Enter and send a new message.
Setup	Specify Inbox settings.



instant messaging

features	
log in	
 >  IM > Log In	

features	
add contacts	
After you log in: Select Contact List , then select Add Contact . Enter the contact's instant messaging ID and nickname.	
find others online	
After you log in: Select Contact List to see a list of other users.	
start conversation	
From your Contact List , scroll to a name in Online Contacts , and press Send IM .	
open active conversation	
From your Contact List , scroll to a name in Conversations , and press View .	

features	
end conversation 	 > End Conversation
From the conversation display:	
log out 	 > IM
Select Log Out from the IM Online menu.	
create or change IM accounts 	 > IM
Select [New Account] .	
log in automatically 	 > IM
Press  , then scroll to Offline Settings and press Select . Scroll to Auto-Login and press Select , then scroll to On and press Select .	

more message features


features	
send voice message 	 > Tools > Voice Message
Press Record to begin recording your voice message. To stop recording, press Stop . Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers of the recipients.	
send text message 	 > Messages > Create Message > New Short Msg or New Letter
Press  to see more message options.	
send email 	 > Messages > Create Message > New Email

features

email account settings

You can set up and edit the settings for your Email connections. To use email, you need to store your email **User ID** and **Password**.

 >  **Messages**

Press , scroll to **Email Msg Setup** and press **Select**, then scroll to **Account Settings** and press **Change**.

If you are setting up a new account, scroll to **[New Entry]** and press **Select**. Your display if you have more than one email account, select an account to edit.

Your phone shows a list of email settings. This is where you store your email **User ID** and **Password**.

features

send quick note



Send a short, prewritten quick note:

 >  **Messages** > **Quick Notes**

Create a new quick note:

 >  > **Quick Notes** > **[New Quick Note]**

use a multimedia template



Open a multimedia template with preloaded media:

 >  **Messages** > **MMS Templates**

read old messages



 >  **Messages** > **Message Inbox**

Icons next to each message show if it is **unread** , **read** , **urgent** , **locked** , or has an **attachment** .

Press  to see more message options.

features

read old email




 >  **Messages** > **Email Msgs**

Press  to see more message options.

store message objects



Go to a multimedia message page, or scroll to an object in a letter, then:

 > **Store**

browser messages



Read messages received by your micro-browser:

 >  **Messages** > **Browser Msgs**

info services



Read subscription-based information services messages:

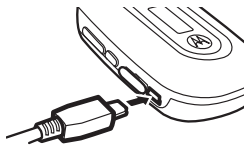
 >  **Messages** > **Info Services**

connections

cable connections



Your phone has a mini-USB port so you can connect it to a computer to transfer data. You can:








- Synchronize phonebook and datebook information between your phone and a computer or hand-held device.
- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data calls from your computer or handheld device.

Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need.



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.

data & fax calls

feature	
send data or fax	
Connect your phone to the device, then place the call through the device application.	
receive data or fax	
Connect your phone to the device, then answer the call through the device application.	
talk then fax	
Connect your phone to the device, enter fax number, press  > Talk then Fax , then press  to make the call.	



feature

use sync



You can call an Internet server and synchronize your phonebook and datebook entries with the server.

To **set up** an Internet sync partner:

 >  **Settings** > **Sync** > **[New Entry]**

Enter the server details, including **Server URL** (you can omit **http://**) and **Data Path** (the folder below the URL where your data is stored).





To **synchronize files** with a partner you set up:









 >  **Settings** > **Sync**

Select the partner from the list.

other features

advanced calling

feature	
conference call	
During a call:	
Dial next number, press  , press Link .	
attach a phone number	
Dial an area code or prefix for a phonebook number, then:	
 > Attach Number	

feature	
speed dial	
Speed dial a phonebook entry:	
Enter speed dial number, press  , press  .	
To add a phonebook entry, see page 63.	
Tip: If you forget Aunt Mildred's speed dial number, press  , select  Phonebook , scroll to her entry, and press View .	
set up quick dial	
Set up preprogrammed phone numbers:	
 >  Tools > Dialing Services > Quick Dial	

feature

call forwarding



Set up or cancel call forwarding:

> **Settings** > **Call Forward**

restrict calls



Restrict outgoing or incoming calls:

> **Settings** > **Security** > **Call Barring**

change phone line



If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.

> **Settings** > **Phone Status** > **Active Line**

The active line indicator shows the active phone line (see page 19).

feature

fixed dial



When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.

Turn fixed dialing on or off:

> **Settings** > **Security** > **Fixed Dial**

Use the fixed dial list:

> **Tools** > **Dialing Services** > **Fixed Dial**

DTMF tones

Activate DTMF tones:

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

To send DTMF tones during a call, just press number keys or highlight a number in the phonebook or recent calls lists and press > **Send Tones**.

feature

long distance carrier prefix



You can enter a prefix code for the long distance carrier you want your phone to use.

 >  **Settings** > **In-Call Setup** > **Dialing Prefix**

Select your preferred carrier in the **Pref. Opr.** list.

In **Auto Change**, select whether your phone uses your preferred carrier for all calls (**Replace or Add**) or only when no carrier prefix is entered (**Add**), or you can turn the prefix feature **Off**.

phonebook

feature

add new entry

 >  **Phonebook**

Press  and select **New**, then select **Phone Number** or **Email Address**.

Shortcut: Enter a phone number in the home screen, then press **Store** to create an entry for that number.

Tip: One phone isn't enough for some people. When creating a phonebook entry, select **More** to store another number for the same **Name**.

feature

dial number

Call a number stored in the phonebook:

 >  **Phonebook**

Scroll to the entry and press .

Shortcut: In the phonebook, press a keypad key one or more times to jump to entries that begin with the key's letters.

record a voice name

When creating a phonebook entry, highlight **Voice Name** and press **Record**. Press and release the voice key and say the entry's name (within two seconds). When prompted, press and release the voice key and repeat the name.

Note: The **Voice Name** option isn't available for entries stored on the SIM card.

feature

voice dial a number


Voice dial a number stored in the phonebook:

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

set ringer ID for entry

Assign a ring alert (ringer ID) to an entry:

 >  **Phonebook**

Scroll to the entry and press . Select **Edit**, then **Ringer ID**, then the ringer you want.

Note: The **Ringer ID** option isn't available for entries stored on the SIM card.

Activate ringer IDs:


 >  **Settings** > **Ring Styles** > *style Detail*
> **Ringer IDs**

feature

set picture ID for entry

Assign a photo or picture to display when you receive a call from an entry:

 >  Phonebook

Scroll to the entry and press . Select **Edit**, then **Picture**, then the picture you want.

Note: The **Picture** option isn't available for entries stored on the SIM card.

set primary or all numbers view

Display primary numbers or all numbers for entries when listed:


 >  Phonebook

Press  and select **Setup**. Select **View**, then select **All Contacts** or **Primary Contacts**.

feature

set category for entry

 >  Phonebook

Scroll to the entry and press . Select **Edit**, then **Category**, then the category you want.

Note: The **Category** option isn't available for entries stored on the SIM card.

set category view

 >  Phonebook

Press  and select **Categories**, then select the category view you want.

You can display **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you create.

feature

define new category


 >  Phonebook

Press  and select **Categories**. Press  and select **New**.


set primary number or address

Set the primary number for an entry with multiple numbers:

 >  Phonebook

Scroll to the entry and press . Select **Set Primary**, then select the number or address you want.


Note: The **Set Primary** option is not available for entries stored on the SIM card.

Tip: In **Primary** number view mode, you can still peek at other numbers stored for a name. Just scroll to the name you want and press  up and down.

feature

create group mailing list

 >  Phonebook

Press  and select **New**, then select **Mailing List**.

sort phonebook list

Set the order in which entries are listed:

 >  Phonebook

Press  and select **Setup**. Select **Sort by**, then select **Name**, **Speed No.**, **Voice Name**, or **Email**.

When sorting by **Name**, you can display **All** numbers or just the **Primary** number for each name.

feature

change phonebook search

In the phonebook, press keypad keys to enter the first letters of an entry you want. If necessary, press the

To change how this search works:

 >  **Phonebook**

Press  and select **Setup**. Select **Search Method**, then select **Jump to** or **Find**.

Jump To jumps directly to the entry, while **Find** enables you to begin the search by pressing the **Search** key.

feature

copy phonebook entry


Copy an entry from the phone to the SIM card, or from the SIM card to the phone:

 >  **Phonebook**

Scroll to the entry and press , then select **Copy**. Select **Entries**, then select **To**.

delete phonebook entry


 >  **Phonebook**

Scroll to the entry and press , then select **Delete**.

check phonebook memory

Display space available for phonebook entries in phone or SIM memory:

 >  **Phonebook**


Press  and select **Phone Capacity**, then select **SIM Capacity**.

feature

send message to phonebook entry

Send a phonebook entry a text, multimedia, or voice message:

 >  **Phonebook**

Scroll to the entry and press , then select **Send Message**.

send phonebook entry over data connection

Send a phonebook entry to another phone, computer, or device:

 >  **Phonebook**

Scroll to the entry and press , then select **Share Phonebook Entry**.

personalizing

feature



language

Set menu language:

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



greeting

Enter a greeting to display when you turn on your phone:

 >  **Settings** > **Personalize** > **Greeting**

scroll

Set the highlight bar to **Up/Down** or **Wrap Around** in menu lists:

 >  **Settings** > **Initial Setup** > **Scroll**


feature
<p>activate ringer IDs</p> <p>Activate ringer IDs assigned to phonebook entries and categories:</p> <p>☰ > ⚙ Settings > Ring Styles > Style</p> <p>Scroll to and select the ringstyle.</p>
<p>ring volume</p> <p>☰ > ⚙ Settings > Ring Styles > <i>style</i> Detail > Ring Volume</p>
<p>keypad volume</p> <p>☰ > ⚙ Settings > Ring Styles > <i>style</i> Detail > Key Volume</p>
<p>reminders</p> <p>Set reminder alerts for messages that you receive:</p> <p>☰ > ⚙ Settings > Ring Styles > <i>style</i> Detail > Reminders</p>

feature
<p>home screen layout</p> <p>☰ > ⚙ Settings > Personalize > Home Screen > Layout > Centered or Left Justified</p>
<p>menu view</p> <p>Display the main menu as graphic icons or as a text-based list:</p> <p>☰ > ⚙ Settings > Personalize > Main Menu > View</p>
<p>main menu</p> <p>Reorder your phone's main menu:</p> <p>☰ > ⚙ Settings > Personalize > Main Menu > Reorder</p>
<p>show/hide menu icons</p> <p>Show or hide menu feature icons in the home screen:</p> <p>☰ > ⚙ Settings > Personalize > Home Screen > Home Keys > Icons</p>

feature

change home keys


Change the features for the soft keys and navigation key in the home screen:

 >  Settings > Personalize > Home Screen > Home Keys


Scroll to **Up**, **Down**, **Left**, **Right**, **Left Soft Key**, or **Right Soft Key**, and press **Change**. Scroll to the menu you want to assign to that key and press **Select**.

shortcuts

Create a shortcut to a menu item:

Scroll to the menu item, press and hold , then press the **Yes** key.

Use a shortcut:

Press , then press the shortcut number.

feature

master reset

Reset all options **except** unlock code, security code, and lifetime timer:

 >  Settings > Initial Setup > Master Reset


master clear

Erase all downloaded files and clear all settings and entries you made **except** SIM card information, unlock code, security code, and lifetime timer:


 >  Settings > Initial Setup > Master Clear













Caution: Master clear **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

call times & costs

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, contact your service provider.

feature
call times 
Display call timers:  >  Recent Calls > Call Times

feature
in-call timer 
Display time or cost information during a call:  >  Settings > In-Call Setup > In-Call Timer
data times 
Display data call timers:  >  Recent Calls > Data Times
data volumes 
Display data volume meters:  >  Recent Calls > Data Volumes
call cost 
Display call cost trackers:  >  Recent Calls > Call Cost

feature

call cost setup



Set a cost limit for calls:

 >  **Settings** > **In-Call Setup** > **Call Cost Setup**

handsfree

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.

feature

speakerphone

Activate the speakerphone during a call:



Press **Speaker**.

feature

auto answer (car kit or headset)





Automatically answer calls when connected to a car kit or headset:

 >  **Settings** > **Car Settings** or **Headset**
> **Auto Answer**

voice dial (headset)



Enable voice dial with headset send/end key:

 >  **Settings** > **Headset** > **Voice Dial**







auto handsfree (car kit)










Automatically route calls to a car kit when connected:

 >  **Settings** > **Car Settings** > **Auto Handsfree**

network

feature	
network settings	
Display network information and adjust network settings:	
 >  Settings > Network	
software update	
Your service provider can send updated phone software over the air to your phone. When your phone receives a software update, you can choose to download it and install it later. To install a software update you have downloaded:	
 >  Settings > Phone Status > Software Update > Install Now	

personal organizer

feature	
set alarm	
 >  Tools > Alarm Clock	
turn off alarm	
When an alarm displays:	
To turn off the alarm, press Disable or  . To set an eight-minute delay, press Snooze .	
Note: The Snooze key is available only if the phone is already powered on when the alarm sounds.	
add new datebook event	
 >  Tools > Datebook , highlight the day, press  , press  > New	

feature

view datebook event

Display or edit event details:





 >  **Tools** > **Datebook**, highlight the day, press , press the **View** key

event reminder

When an event reminder displays: To see reminder details, press **View**. To close the reminder, press **Exit**.

send datebook event to another device

Send a datebook event to another phone, computer, or device:

 >  **Tools** > **Datebook**, highlight the day, press , highlight the event, press 
> **Send**

calculator


 >  **Tools** > **Calculator**

feature

currency converter

 >  **Tools** > **Calculator**

 > **Exchange Rate**


Enter exchange rate, press the **OK** key, enter amount, and press  > **Convert Currency**.

create voice record



Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.

 >  **Tools** > **Voice Records**
> **[New Voice Record]**


Press the center key , then press and **hold** the voice key (on the right side of the phone) and begin recording. Release the voice key when finished.

feature

play voice record



 >  Tools > Voice Records



Scroll to the voice record you wish to play and press the center key .

security

feature

SIM PIN

Lock or unlock the SIM card:

 >  Settings > Security > SIM PIN

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

lock feature

 >  Settings > Security > Lock Application

feature

manage certificates



Enable or disable Internet access certificates stored on your phone:

 >  Settings > Security > Certificate Mgmt

Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

For basic information on the camera, see page 46.

feature

STK applications

Access *SIM Toolkit* (STK) applications that add features and functionality to your phone:

 >  Tools > STK

manage pictures

Manage photos, pictures, and animations:

 >  Multimedia > Pictures

feature

manage video clips


 >  Multimedia > Videos











Note: Your phone cannot receive phone calls over an EDGE network while it is playing videos.





manage sounds

Manage ring tones and music that you have downloaded or composed:

 >  Multimedia > Sounds

Note: Your phone cannot receive phone calls over an EDGE network while it is playing some sound files. Indicators appear at the top of your display when you can receive EDGE  calls.



feature
<p>create ring tones</p> <p>Create ring tones that you can use with your phone:</p> <p> >  Multimedia > Sounds > [New iMelody]</p>
<p>create playlist</p> <p>Create a playlist of songs to play on your phone:</p> <p> >  Multimedia > Sounds > [New Playlist]</p>
<p>select sound for ringtone</p> <p>Select a sound from your Sounds list to use as a ringtone:</p> <p> >  Multimedia > Sounds</p> <p>Select the sound and press , then select Apply as Ringtone.</p>
<p>start microbrowser </p> <p> >  Web Access > Browser</p>

feature
<p>download objects from Web page </p> <p>Download a picture, sound, or other object from a Web page:</p> <p>Go to the page that links to the file, highlight the file, press Select key, and press the Store key.</p> <p>Note: Store is displayed only if the download is successful.</p> <p>Note: Normal airtime and/or carrier usage charges apply.</p>
<p>web sessions </p> <p>Select or create a Web session:</p> <p> >  Web Access > Web Sessions</p>

feature

download game or application

Download a Java™ game or application with the micro-browser:

 >  **Web Access** > **Browser**, go to the page that links to the application, highlight the application, press the **Select** key, and press the **Download** key

Note: Normal airtime and/or carrier usage charges apply.

start game or application

Start a Java™ game or application:

 >  **Games & Apps**

Scroll to the game or application and press **Select**.

feature

set game or application effects

Set volume, turn on vibration effect for Java™ games or applications:

 >  **Settings** > **Java Settings** > **App Vibration or App Volume**

delete all games and applications

 >  **Settings** > **Java Settings** > **Delete All Apps**

service and repairs

If you have questions or need assistance, we're here to help.

Go to

www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 0800 666 8676 (Argentina), (800-201-442 (Chile), 01-800-700-1504 (Colombia), 01 800 021 0000 (México), 0800-100-4289 (Venezuela), or 0-800-52-470 (Perú).

Specific Absorption Rate Data

This model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. 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 standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada 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

level 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 wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.43 W/kg, and when worn on the body, as described in this user guide, is 0.73 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

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.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was ___ W/kg.¹ As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.² In this case, the highest tested SAR value is ___ W/kg.¹

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>) or Motorola, Inc. (<http://www.motorola.com/rfhealth>).

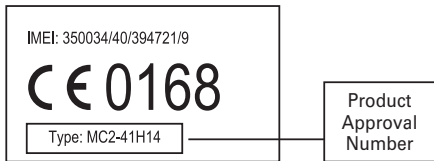
1. The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.
2. Please see the *Safety and General Information* section about body worn operation.

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.



MOTOROLA

Important Safety and Legal Information

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.*

Exposure to Radio Frequency (RF) Energy

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

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

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in

* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006.

the relevant standards, always follow these instructions and precautions.

External Antenna Care

If your mobile device has an external antenna, use only a Motorola-supplied or approved replacement antenna. Use of unauthorized antennas, modifications, or attachments could damage the mobile device and/or may result in your device not complying with local regulatory requirements in your country.

DO NOT hold the external antenna when the mobile device is IN USE. Holding the external antenna affects call quality and may cause the mobile device to operate at a higher power level than needed.

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

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

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Pacemakers

If you have a pacemaker, consult your physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some mobile devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.

Driving Precautions

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

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola Web site: www.motorola.com/callsmart.

Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks

on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Damaged Products

If your mobile device or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center. Do not attempt to dry it with an external heat source, such as a microwave oven.





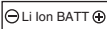


Batteries and Chargers

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original batteries and chargers.**

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.



Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.
	Your mobile device contains an internal lithium ion battery.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Choking Hazards

Your mobile device or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your mobile device and its accessories away from small children.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has 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 physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the

lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage



Listening at full volume to music or voice through a headset may damage your hearing.

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Latin America Warranty, except Mexico

Latin America Warranty MOTOROLA INC.

Subscribers/Cellular Division

Through its own service centers and/or its authorized service centers, Motorola provides a 1-year warranty that covers the cellular phone, all its parts and labor against any defect and operation as long as the "Product" has been operated and handled under normal conditions. The term of 1 year begins when the "Product" is purchased.

Conditions

- 1 For warranty service, return the "Product" and this warranty to the place of purchase or to any Motorola authorized service center.

If additional information is needed, please contact any of our service centers:

Motorola de México, S.A.
Bosques Alisos No. 125
Bosques de las Lomas
CP 05120 México, D.F.
Telephone: 257-6700

Motorola de Brasil
Rua Bandeira, Paulista 580
Sao Paulo, Brazil 05424-010
Telephone: 821-9991

Centro de Servicio
Motorola de Colombia
Diagonal 127A N. 17-64
Bogotá, Colombia

Telephone: 615-5759

Telephone: 615-5769

Telephone: 216-1743

If the cellular phone has been installed in a vehicle, take the vehicle to the service center to analyze the equipment, or the installation on the vehicle. This warranty does not cover the installation of the cellular phone.

- 2** Motorola Inc., through its own service centers and/or their authorized service centers, will repair or replace the cellular phone at no charge. This warranty covers shipping expenses, only if it is needed to make the repair.

Motorola Inc. through its own service centers and/or their authorized service centers, at its own discretion, will repair, replace, or reimburse the purchase price of the defective cellular phone only during the warranty period, as long as the "Product", in accordance with the conditions established in this warranty, is returned to a Motorola service center or to a Motorola authorized service center. All the accessories, batteries, parts, small boards or equipment of the cellular telephone that by virtue of being defective are replaced in

fulfillment of this warranty, will automatically become property of Motorola Inc.

- 3** To receive warranty service, present your cellular phone or accessory to any Motorola service center or to any Motorola authorized service center along with your receipt of purchase or comparable substitute that indicates the date of purchase, serial number of the transceiver, and/or electronic serial number.
- 4** The repair time will not be greater than 30 days, starting from the day the equipment was received at the service center.
- 5** To purchase parts, spare parts, accessories and service not covered by this warranty, contact one of the following service centers:

Motorola de México, S.A.

Bosques Alisos No. 125

Bosques de las Lomas

CP 05120 México, D.F.

Telephone: 257-6700

Motorola de Brasil

Rua Bandeira, Paulista 580

Sao Paulo, Brazil 05424-010

Telephone: 821-9991

Centro de Servicio
Motorola de Colombia
Diagonal 127A N. 17-64
Bogotá, Colombia
Telephone: 615-5759
Telephone: 615-5769
Telephone: 216-1743

Or to any authorized service center in your locality.

- 6** This warranty is not valid in the following cases:
- a** Defects or damages derived from abnormal use.
 - b** Defects or damages derived from accident or negligence.
 - c** Defects or damages derived from tests, unsuitable operation, maintenance, installation and adjustments, or derived from any alteration or modification of any type.
 - d** Damage caused to antennas, unless they are consequences of defects in material or workmanship.
 - e** When the cellular phone has been disassembled and/or repaired so that its operation has been affected or that it can not be tested to verify any claim that grants this warranty.
 - f** Any cellular phone with a serial number that has been removed, altered, or obliterated.
 - g** Defects or damages caused by food spills or liquids.

- h** When the cables of the control unit have been stretched or the module tongue -piece has broken.
- i** When the surface of the "Product" and its pieces have been scratched or damaged due to the normal use.
- j** Leather cases.
- k** Rented cellular phones.
- l** When the "Product" has been altered or repaired by non-Motorola authorized service centers.
- m** When the "Product" has not been operated in agreement with the instructions that accompany the "Product".

The batteries (Nickel-Cadmium) are warranted only if their capacity is reduced by 80% below its predicted capacity. This warranty is null for all types of batteries if:

- a** The batteries are charged by a charger that has not been approved by MOTOROLA.
- b** If any of the battery seals are broken or tampered with.
- c** If the batteries were used or installed in non-MOTOROLA equipment.

"Product":

Brand: Motorola Model:

Number of Mechanical Series:

Number of Electronic Series:

Name of Distributor:

Street and Number:

Town:

Municipality:

Postal Code, City, State, or Country:

Telephone:

Date of Delivery or Installation:

Limited Warranty (Mexico)

For Motorola Personal Communication Products and Accessories that are Purchased in Mexico

I. Concepts Covered by this Warranty

This warranty covers all the parts, components, accessories and labor of the Motorola “product” from defects in materials and workmanship under normal consumer usage.

The Motorola “Products” that are protected under this warranty can be: (a) cellular telephones, (b) radar sets, (c) two-way radios, and (d) wireless telephones.

Motorola de Mexico S.A., at its option, will at no charge repair, replace, or refund the purchase price of any “Product” that does not conform to this warranty. Motorola may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. Updates in software are not covered.

II. Length of Warranty Coverage

The length of coverage is one (1) year from the date the new “Product” was purchased from an authorized distributor.

III. Place where consumers can make the warranty effective, obtain parts, components, and accessories:

Motorola de México, S.A.
Bosques de Alisos 125
Col. Bosques de las Lomas
Del. Cuajimalpa
Te:(55) 5257-6700

IV. Procedure to Make the Warranty Effective

For warranty service, return the “Product” (with its components and accessories, such as batteries, antennas, and charger) to the place of purchase, to the address above, or to an authorized

service center, or call 01 800 021 0000. To request a refund, you must present this warranty, sealed by the place of purchase, along with the "Product."

V. Warranty Limitations or Exceptions

The warranty is not valid:

- 1 When the "Product" has been used in conditions different from the normal ones.
- 2 When the "Product" has not been operated as described in the operating instructions.)
- 3 When the "Product" has been altered or repaired by someone other than Motorola, or its authorized service centers.

If repairs are not covered by this warranty, Motorola, at the request of the purchaser, will provide information regarding availability, prices, and other conditions for the repair of the "Product".

To obtain information on Products that need repairs not covered by this warranty, please call 01 800 021 0000.

Product Model:	Date of purchase:
	Seal of the authorized or established distributor where the "Product" was purchased:

Note: In other countries, consult the laws and local regulations under the warranty and its local Motorola office.

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