MOTOMANUAL

V323i

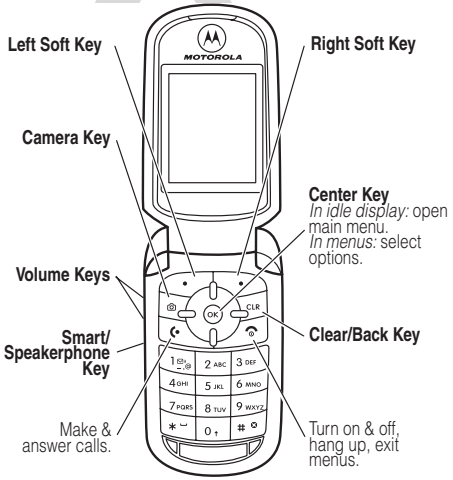
CDMA

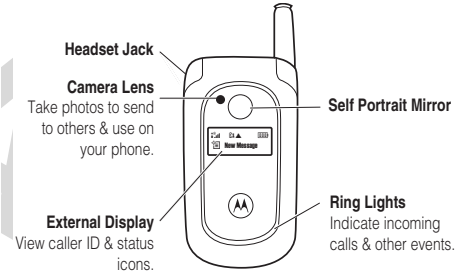
English

motorola.com

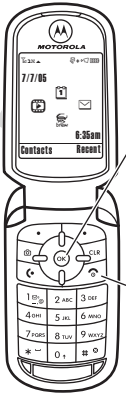
HELLOMOTO

Introducing your new Motorola V323i CDMA wireless phone. Here's a quick anatomy lesson.





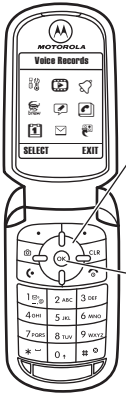
Home Screen



2 Press the OK key to open the **Main Menu**.

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

Main Menu



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

4 Press the OK key to select.

Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

www.hellomoto.com

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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menu map

main menu

Settings
- (see next page)

Media Gallery
- Camera
- Pictures
- Sounds
- Video Camera

Ring Styles
- Style
- *Style* Detail
- Ring Lights
- Event Lights

Brew

Voice Records

Contacts

Datebook

Messaging
- Voicemail
- New TXT Msg
- Inbox
- Drafts
- Saved
- Quick Notes
- Sent
- Settings

Extras
- Recent Calls
- Tools

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

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settings menu

Personalize
- Home Screen
- Main Menu
- Voice Dial Setup
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Sound Settings

In-Call Setup
- In-Call Timer
- Answer Options
- MSG Alert

Security
- Phone Lock
- Lock Keypad
- Lock Application
- Restrict Calls
- New Passwords
- Data Connection

Initial Setup
- SpeakerPhone
- Auto PIN Dial
- Auto Redial
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
- Brightness
- DTMF
- Hyphenation
- Master Reset
- Master Clear

Network Options
- Current Network
- Analog Only
- Set Mode
- Service Tone
- Call Drop Tone

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

Headset
- Auto Answer
- Voice Dial

Location
- Location On
- 911 Only

Connection
- Incoming Call
- Bluetooth Link

Phone Status
- My Tel. Number
- Active Line
- Battery Meter
- Other Information

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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.

extreme heat or cold

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

microwaves

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

dust and dirt

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

cleaning solutions

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

the ground

Don't drop your phone.

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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: Press OK > Media Gallery > Pictures

This means that, from the home screen:

1. Press OK to open the menu.
2. Press the *navigation key* to scroll to Gallery, and press OK to select it.
3. Press the navigation key to scroll to Pictures, and press OK 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.

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battery

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.

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- 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.

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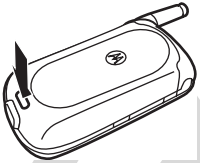
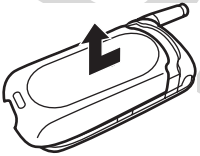
battery installation

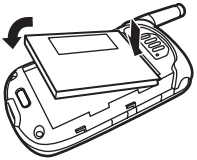
1



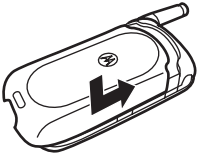
2



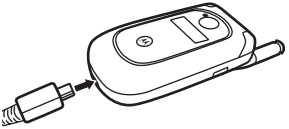
3



4



battery charging



New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet. Your phone might take several seconds to start charging the battery. Your display shows **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.

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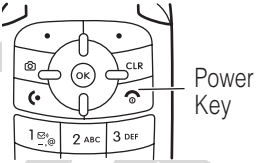
turn it on & off

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



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 ⏻.

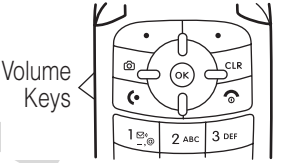
answer a call

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

To "hang up," close the flip or press ⏻.

adjust volume

Press the volume keys up or down to:



- increase or decrease earpiece volume during a call
- increase or decrease the ringer volume setting when the home screen is visible (with the flip open)
- turn off an incoming call alert

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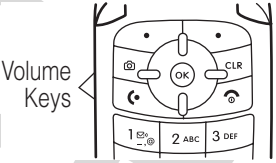
change the call alert

flip open

From the home screen, press the down volume key to switch to lower call alert volume, then vibrate, and finally silent alert. Press the up volume key to cycle back from silent alert to vibrate and thend to the lowest alert volumen setting.



flip closed

Press the up or down volume key, then press the smart/speakerphone key to scroll through the alert styles: **Loud**, **Soft**, **Vibrate**, **Vibrate then Ring**, and **Silent**. The alert styles are shown on the phone's external display.

After scrolling to the desired alert style, press the up or down volume key to save the setting and return to the home screen.

store a phone number

You can store a phone number in **Contacts**:

1. Enter a phone number in the home screen.
2. Press the **Store** key.
3. Enter a name and other details for the phone number. To select a highlighted item, press OK.
4. Press the **Done** key to store the number.

To edit or delete a **Contacts** entry, see page 142.

To store an email address, press OK > **Contacts** > **[New Entry]** > **Email Address**. Enter the new contact's name and email address information.

DRAFT

call a stored phone number

Find it: Press OK > Contacts

1 Scroll to the **Contacts** entry.

Shortcut: In **Contacts**, press keypad keys to enter the first letters of an entry you want. You can also press * and # to see the entries you use frequently, or entries in other categories.

2 Press to call the entry.

view your phone number

Find it: Press OK > Settings > **Phone Status** > **My Tel. Number**

Tip: Want to see your phone number while you're on a call? Press **Options** > **My Tel. Number**.

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main attractions

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

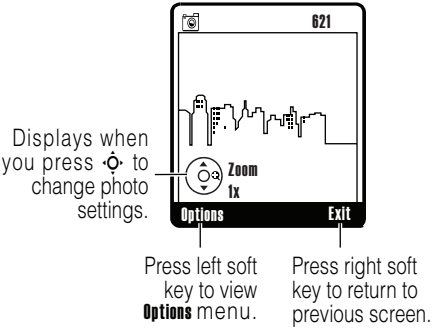
take & send a photo

You can take a photo with your phone and sent it in a multimedia message to other wireless phone users.

To activate your phone's camera:

1 Press the camera key 📷.

Your phone displays the active viewfinder image:



2 Point the camera lens at the photo subject, then press 📷 to take a photo.

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Press ⊹ up and down to select one of these settings:

- **Zoom**—Press ⊹ left and right to increase or decrease image size.
- **Style**—Press ⊹ left or right to scroll to **Color**, **Black and White**, **Antique**, or **Negative**.
- **Lighting Conditions**—Press ⊹ left or right to scroll to **Automatic**, **Sunny**, **Cloudy**, **Indoor (Home)**, **Indoor (Office)**, or **Night**.

Press **Options** to open the **Pictures** menu and adjust camera settings (see page 16).

3 Press 📷 to store the photo.

or

Press **Options** to view the **Store Options** menu selections: **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, **Apply as Contacts Entry**.

or

Press **Send** to go to the **Send Options** menu and send the photo in a multimedia message or send it to an online album.

adjust camera settings

When the camera is active, press **Options** to open the **Pictures** menu, which can include these options:

options	
Go To Pictures	View pictures and photos stored on your phone.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Camera Setup	Change resolution, image quality, or shutter tone.
Capture Title	Assign a name to a captured photo.

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options	
View Free Space	See how much memory remains for storing pictures.

send a multimedia message

A *multimedia message* contains embedded media objects (possibly including photos, pictures, animations, sounds, and voice records). You can send a multimedia message to other wireless phones with multimedia messaging capabilites and to email addresses.

create & send message

Note: You can send the message after entering a recipient phone number or email address and the message text. You do not need to complete the other entry fields.

Find it: Press OK > ✉ > **Messaging** > **Create Message**

1 Scroll to **New Picture Message** and press **Select**.

2 Enter message text.

Press **OPTIONS** to open the **MMS Menu** (see "mms message options" on page 19).

3 With **Insert** highlighted, press **Select** to open the **Insert Options** menu.

4 Scroll to one of the following options and press **Select**:

- **Picture**—Insert a saved picture or photo.
- **New Picture**—Take a new photo to insert into the message (see "take & send a photo" on page 15.
- **Voice Record**—Insert a voice record.
- **Sound**—Insert a saved sound.

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- **Quick Text**—Insert a prewritten message. Your phone comes with several quick text messages, and you can create additional ones.

5 After you add a multimedia object, press **Send To**.

6 Scroll to an entry to receive the message and press OK.

or

Scroll to **[New Number]** and press OK to enter a phone number. On the **To:** screen, enter the number and press **Ok**, or press **Options** to select a number from **Contacts**.

or

Scroll to **[New Email Address]** and press OK to enter an email address.

7 Press **SEND** to send the message.

or

Press **OPTIONS** to open the **Send To Menu**, which can include these options:

- **Message Options**—Open the **Message Options** menu to copy other recipients, enter a message subject, add attachments, set message priority, or request a message delivery report.
- **Message Details**—View detailed information about the message.
- **Save to Drafts**—Save the message to the **Drafts** folder.
- **Abort Message**—Cancel the message and return to the **Message Center**.

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mms message options

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

options	
Insert	Insert a multimedia object.
Message Options	Open the **Message Options** menu to copy other recipients, enter a message subject, add attachments, set message priority, or request a message delivery report.
Set Page Timing	Specify how long each multimedia object is displayed.
Message Details	View detailed information about the message.
Entry Mode	Select a text entry mode (see page 27).
Entry Setup	Specify default primary and secondary entry modes (see page 27).
Cancel Message	Cancel the message and return to the **Message Center**.

receiving a multimedia message

When you receive a multimedia message or letter, your phone sounds an alert and displays the ✉ (message waiting) indicator and a **New Message** notification.

To view a multimedia message, press **READ**.

- Photos, pictures, and animations are displayed when you read the message.

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- A sound file begins playing when the message text is displayed. Use the volume keys to adjust the volume.

  Note: You may have to select an indicator embedded in the message text to play a sound file.

If the message includes an attached file, select the file indicator or filename and press **VIEW** (for an image file), **PLAY** (for a sound file), or **OPEN** (for an object such as a **Contacts** or datebook entry or an unknown file type).

cable connections

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

If you use a USB cable connection:

- Make sure to connect the phone to a high-power USB port on your computer (not a low-power one such as the USB port on your keyboard or bus-powered USB hub). Typically, USB high-power ports are located directly on your computer.

  Note: If you connect your phone to a low-power USB port, the computer may not recognize your phone.

- Make sure both your phone and the computer are turned on.Bluetooth® connections

Bluetooth® connections

Your phone supports Bluetooth connections. You can connect your phone to a Bluetooth headset or car kit, or connect to another device to exchange and synchronize files.

Your phone currently supports the following Bluetooth profiles:

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- headset (optional Motorola Original™ accessory)
- Handsfree Car Kit (optional Motorola Original accessory)

For more Bluetooth wireless connections support, go to `www.motorola.com/Bluetoothsupport`.

Note: All multimedia (video player, audio player, shutter tones) will play from the speakerphone when your phone is connected to another Bluetooth device.

turn Bluetooth power on/off

Set Bluetooth power to be on whenever your phone is on.

Find it: Press OK > **Settings** > **Connection** > **Bluetooth Link**

1 Scroll to **Power** and press **Change**.

2 Scroll to **On** and press **Select**.

To extend battery life, use the above procedure and set Bluetooth power to Off when not in use. If you turn Bluetooth power Off, your phone will not connect to accessories until you turn Bluetooth power On and reconnect to the accessories.

pair with headset, handsfree device, or computer

Before you try to connect to another Bluetooth device, make sure your phone's Bluetooth power is **On** and the device is in *pairing mode* (see the user guide for the device you are attempting to pair with). You cannot perform pairing while your phone is connected to another device.

To pair your phone to a headset accessory, handsfree car kit, or PC that supports Bluetooth wireless connections:

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Find it: Press OK > Settings > Connection > Bluetooth Link > Handsfree > [Lookf For Devices]

Your phone displays a list of device(s) located within range of the phone. If your phone is already connected to a device, your phone lists that device and identifies it with a ✓ (in-use indicator). Once a connection is established with a device, no other device can connect to your phone until the currently connected device is disconnected.

1 Highlight a device in the list of devices your phone found.

2 Press OK to connect the device.

3 If the device requests permission to bond with your phone, select YES and enter the device PIN code to create a secure connection with the device.

Note: The default PIN code is 0000.

When the connection is made, the (Bluetooth) indicator or a Bluetooth message displays in the home screen.

For specific information about an accessory, refer to the instructions that came with it.

TTY operation

You can use an optional TTY device with your phone to send and receive calls. You must plug the TTY device into the phone's headset connector and set the phone to operate in one of three TTY modes.

Note: Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone.

Note: Set the phone to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize the error rate.

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Note: For optimal performance, your phone should be at least 12 inches (30 centimeters) from the TTY device. Placing the phone too close to the TTY device may cause high error rates.

set TTY mode

When you set your phone to a TTY mode, it operates in that mode whenever the TTY device is connected:

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

1 Scroll to **TTY Setup** and press **CHANGE**.

2 Scroll to the desired TTY mode and press **SELECT**.

TTY Setup can include these options:

option	
Voice	Return to standard voice mode.
TTY	Transmit and receive TTY characters.
VCO	Receive TTY characters but transmit by speaking into microphone.
HCO	Transmit TTY characters but receive by listening to earpiece.

When your phone is in a TTY mode, your phone displays the international TTY mode, the international TTY symbol, and the mode setting during an active TTY call.

return to voice mode

To return to standard voice mode, select **Voice** from the **TTY Setup** menu.

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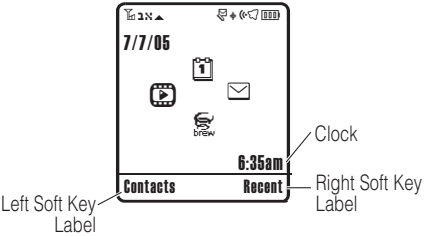
basics

See page 1 for a basic phone diagram.

display

The *home screen* shows when you turn on the phone. To dial a number from the home screen, press number keys and ⊙.

Note: Your home screen may look different from the one below.



Soft key labels show the current soft key functions. For soft key locations, see page 1.

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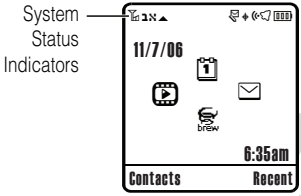
Status indicators can show at the top of the home screen:



system status indicators

option	
Signal Strength Indicator	Vertical bars show the strength of the network connection.
▲ Roaming Indicator	Indicates phone is in a digital coverage area and is roaming off network.
D Digital Indicator	Indicates phone is in a CDMA digital coverage area.
A Analog Indicator	Indicates phone is in an analog coverage area.
1X 1X Indicator	Indicates phone is in a 1x-RTT coverage area.
SSL Indicator	Indicates application verification is via SSL during a download session.
P Voice Privacy Indicator	Indicates Voice Privacy is set to On and is enabled during active call.

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option	
Data Call, Tethered, or Embedded WAP/BREW Application Indicator	Shows during data call, tethered mode, or WAP/BREW application.
No Service Indicator	Phone is in area with no service coverage.
TTY Indicator	Phone is in TTY mode (see page 22).
Voice Call Indicator	Shows during an active voice call.
E911 Indicator	Shows when **E911** is **On**.
Location On Indicator	Shows when **Location** is set to **On**.
Keypad Lock Indicator	Shows when keypad lock is set to **On**.

option	
Battery Level Indicator	Shows battery charge level. The more bars, the greater the charge.
All Sounds Off	Indicates **Master Volume** is set to **Off**.
Alarm Only	Indicates **Master Volume** is set to **Alarm Only**.
Vibrate On	Indicates **Master Volume** is set to **Vibrate On**.
Sound On, Vibrate On	Indicates **Master Volume** is set to **Sound On** and **Vibrate On**.
Message Indicator	Displays when you receive a new message.

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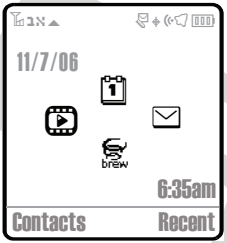
menu shortcuts

Your phone displays four menu icons in the middle of the home screen.

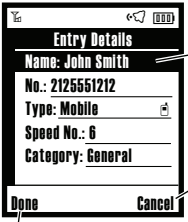


Press ·Ô· left, right, up, or down to open the menu for the corresponding icon.

You can change the menu icons that appear in the home screen or set your phone not to display icons in the home screen (see xx).

text entry

Some features let you enter text. The following is a sample of a screen for entering information for a **Contacts** entry:



Highlighted Option

Press **Cancel** to exit without making changes.

Press **Done** to save all changes.

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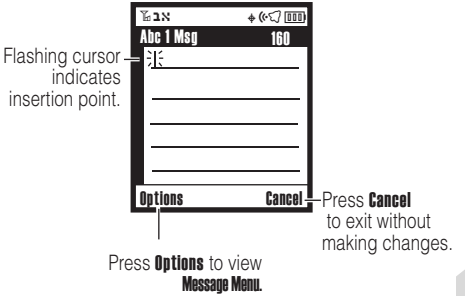
The following is a sample screen for composing a message:



choose a text entry mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The mode you select stays active until you choose another mode.

To select an entry mode, press ⊛ in a text entry view:

entry mode	
Primary	The primary text entry mode.
Numeric	Enter numbers only (see page 32).
Symbol	Enter symbols only (see page 32).
Seconday	The secondary text entry mode.

Tip: You can also select a text entry method from any text entry screen by pressing Options > Entry Mode.

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set up a text entry method

From any text etnry screen, press **Options** > **Entry Setup**, select **Primary Setup** or **Secondary Setup**, and choose:

entry method	
iTAP English	Let the phone predict each English word as you press keys.
iTAP Français	Let the phone predict each French word as you press keys.
iTAP Español	Let the phone predict each Spanish word as you press keys.
iTAP Português	Let the phone predict each Portuguese word as you press keys.
Tap	Enter letters and numbers by pressing a key one or more times.
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.
None	**Hide the Secondary** setting (only available for **Secondary Setup**).

Note: Your phone may not contain all of the languages listed above.

When you select the **Primary** or **Secondary** text entry method, the following indicators identify the text

primary	secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalize next letter only
1⬆	2⬆	Tap, all capital letters

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primary	secondary	
1	1	iTAP, no capital letters
1	1	iTAP, capitalize next letter only
1	1	iTAP, all capital letters

The **123** indicator identifies **Numeric** entry method. The @ indicator identifies **Symbol** entry method.

tap method

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

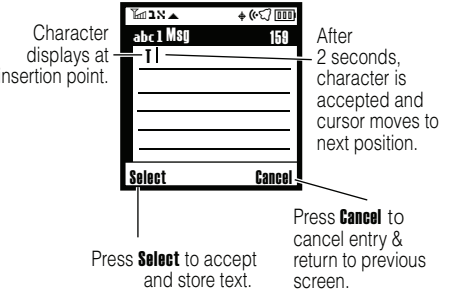
Regular **Tap** method cycles through the letters and numbers of the key you press. The **Tap Extended** method cycles through letters, numbers, **and** symbols.

1 Press a keypad key one or more times to select a letter, number, or symbol.

2 Enter the remaining characters.

Tip: Press right or * to insert a space.

When you enter text with the **Tap** or **Tap Extended** method, the soft key functions change.



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**, you might see:

Press ⊹ right to accept **Program**, or press ⊠ to reject it and enter a space after **prog**.

If you want a different word, continue pressing keys to enter the remaining characters.

- The first character of every sentence is capitalized. If necessary, press ⊹ down to change the character to lowercase before the cursor moves to the next position.
- Press ⊹ to move the flashing cursor to enter or edit message text.
- If you don't want to save your text or text edits, press ⊡ to exit without saving.

iTAP® method

The iTAP method 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.

1. Press keypad keys to show possible letter combinations at the bottom of the screen.
2. Scroll left or right to highlight the combination you want.
3. Press **Select** to lock a highlighted combination.

   You can press keys to add more letters to the end of the combination.

   or

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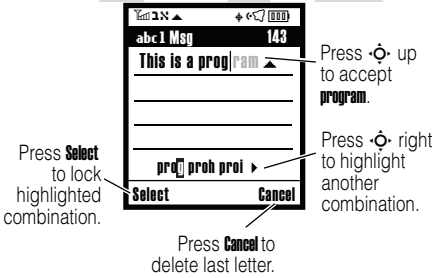
Press [*] to enter the highlighted combination when it spells a word. A space is inserted after the word.

For example, if you press [7][7][6][4], your phone displays leter combinations that match your key presses:



If you enter a word your phone does not recognize, your phone stores the word to use as a future word option. When you run out of phone memory for unrecognized words, your phone deletes the oldest word to add new words.

numeric method

When using the numeric method, press the number keys to enter the numbers you want.

symbol method

When using the symbol entry method:

1. Press keypad keys to show possible letter combinations at the bottom of the screen.
2. Scroll left or right to highlight the symbol you want.
3. Press **Select** to enter the highlighted symbol.

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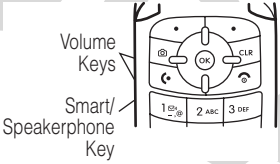
handsfree speaker

Note: You must open your phone's flip to use the speakerphone

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



During a call (with the flip open), press and hold the smart/speakerphone key to turn the handsfree speaker on. Your phone displays Speaker Phone and plays a soft audio alert.

The handsfree speaker stays on until you press and hold the smart/speakerphone key again or turn off the phone.

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

external display

When you close your phone, you can use the external display for the following:

- View time and phone status information.
- Set phone alert styles.
- View message notifications.

To set the phone alert style using the external display:

1 Press the volume keys up or down to scroll through styles.

2 Press the smart/speakerphone key to select the displayed style.

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3 Press the volume keys up or down to return to the home screen.

To view an unanswered call when you see X Missed Calls in the external display:

Note: Because the microphone and earpiece are unavailable when the phone is closed, you must use a headset or other handsfree device with this feature.

1 Press the smart/speakerphone key to view the received calls list.

2 Press the volume keys up or down to scroll through and select a call.

3 Press the smart/speakerphone key to view the selected call.

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:

Press OK > Settings > Security > New Passwords.

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:

1 Press OK to display the unlock code bypass screen.

2 Enter your six-digit security code and press OK.

If you forget your security code, contact your service provider.

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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.

Note: You can make emergency calls on a locked phone (see page 44). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

To **manually lock** your phone:

Press OK > Settings > Security > Phone Lock > Lock Now. Enter the four-digit unlock code, then press OK.

To **automatically lock** your phone whenever you turn it off:

Press OK > Settings > Security > Phone Lock > Automatic Lock. Enter the four-digit unlock code, press the OK key, then select On.

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store your name & phone number

Find it: Press OK > Settings > Phone Status > My Tel. Number

If you don't know your phone number, contact your service provider.

ring styles & alerts

Your phone rings and/or vibrates to notify you of an incoming call or to signal certain other events. This ring or vibration is called an *alert*.

set a style

Find it: Press OK > Ring Styles

1 Scroll to Style and press Change.

2 Scroll to the desired ring style and press Select.

set alerts

Your phone includes alerts for Calls, Inbox, Voicemail, Alarms, Data Calls, Fax Calls, and Reminders.

You can specify a detailed setting for each type of alert:

Find it: Press OK > Ring Styles

1 Scroll to *Style* Detail and press Change.

2 Scroll to the desired alert type and press Change.

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3 Scroll to the desired detail setting and press **Select**.

4 Repeat steps 2 and 3 for each alert you want to set.

set answer options

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

Press OK > **Settings** > **In-Call Setup** > **Answer Options**.

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

set wallpaper

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

Note: Your *theme* can set your wallpaper (page 38).

Press OK > **Settings** > **Personalize** > **Wallpaper**.

options	
Picture	Press up or down to select a picture, or select **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 resize the image, if needed, to fit on the screen.

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set screen saver

Set a photo, picture, or animation as a screen saver image.

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

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

Find it: Press OK > Settings > Personalize > Screen Saver

To select a picture to use as a screen saver:

1 Scroll to Picture and press Change to view available pictures.

2 Scroll to the image you want and press SELECT.

Select [None] to turn off the screen saver.

To specify how long your phone must be inactive before it displays the screen saver:

1 Scroll to Delay and press Change.

2 Scroll to 1 minute, 2 minutes, 5 minutes, or 10 minutes, and press Select.

Select Off if you don't want your phone to display a screen saver.

backlight

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

Find it: Press OK > Settings > Initial Setup > Backlight.

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AGPS & your location

Your phone can use the *automatic location information* feature, along with *Assisted Global Positioning System* (AGPS) satellite signals, to tell the network where you are physically located.

When ALI is set to **Location On**, your phone displays the (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.

When ALI is set to **911 Only**, your phone displays the (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

Press OK > > **Settings** > **Location** > **Location On** or **911 Only**.

AGPS limitations & tips

Your phone uses *assisted-Global Positioning System* (AGPS) satellite signals to estimate your location. If your phone cannot find strong satellite signals, your AGPS might be slower, less accurate, or it might not work at all. AGPS provides only an approximate location, often within 150 feet (45 meters) but sometimes much farther from your actual location.

To improve AGPS accuracy:

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and

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foliage. Indoor performance might improve if you move closer to window, but some window sun-shielding films can block satellite signals.

- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.
- Extend your phone antenna.
- Hold your phone away from your body, and point the phone antenna toward the sky. Do not cover the antenna area with your fingers.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

conserving battery power

Your phone includes an ambient light sensor and **Battery Save** feature to help you extend battery life. When you set **Battery Save** to **On**, your phone automatically turns off the keypad backlight when sufficient ambient light is available. Inhibiting or covering the sensor may cause intermittent backlight functioning.

Press OK > 🔧 > **Settings** > **Initial Setup** > **Battery Save**.

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calls

To make and answer calls, see page 12.

change active line

Change the active phone line to make and receive calls from your other phone number.

Press OK > > **Settings** > **Phone Status** > **Active Line**.

turn off a call alert

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

redial a number

1 Press from the home screen.

2 Scroll to the entry you want to call and press .

automatic redial

When you receive a **busy signal** your phone displays **Call Failed, Number Busy**, you can press or the **Retry** key to redial the number.

When you set **Auto Redial** to **On**, your phone automatically redials a busy number for four minutes. When the call connects, your phone rings or vibrates once, displays **Redial Successful**, and completes the call.

Press OK > > **Settings** > **Initial Setup** > **Auto Redial**.

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

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.

Tip: Press ⏻ from the home screen to view the dialed calls list.

Find it: Press OK > **Extras** > **Recent Calls**

1 Scroll to **Received** or **Dialed** and press **SELECT**.

2 Scroll to a call entry.

Note: Scroll to a call. A ✓ next to a call means the call connected.

3 To call the number, press ⏻.

To see call details (like time and date), press **VIEW**.

To open the **Last Calls Menu** (see the table following these steps), press OK.

The **Last Calls Menu** can include these options:

option	
Store	Create a **Contacts** 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.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.

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option	
Attach Number	Attach a number from the **Contacts** or recent calls lists.

return a missed call

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

1 Press the **View** key to see the received calls list.

2 Scroll to the call you want to return, then press ⊙.

notepad

The most recent set of digits that you enter are stored in your phone/s *notepad* memory. These digits can be a number that you called ar a number that you entered and want to save for later.

To retrieve a number stored in the notepad:

1 Press OK > **Extras** > **Recent Calls** > **Notepad**.

2 Press ⊙ to call the number.

or

Press **Options** to open the **Options** menu to attach a number or insert a special character.

Press **Store** to create a **Contacts** entry with the number in the **No.** field.

attach number

While dialing (with digits visible on the screen), press OK > **Attach Number** to attach a number from **Contacts** or the recent calls list.

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emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked.

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 Enter the emergency number.

2 Press to call the emergency number.

AGPS during an emergency call

When you make an emergency call, your phone can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls:

- Your phone's AGPS feature must be turned on (see page 39).
- Your local emergency response center might not process AGPS location

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information. For details, contact your local authorities.

For best results:

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.

If your phone cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your phone is automatically provided to the emergency response center.

speed dial

Each entry you store in **Contacts** is assigned a unique *speed dial* number.

Tip: To see an entry's speed dial number, press OK > **Contacts**, then scroll to the entry and press **VIEW**.

Note: Your service provider may have already assigned speed dial number 1 to your voice mail number.

To speed dial a number:

1 Enter the speed dial number for the entry you want to call and press #.

2 Press to call the number.

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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 shows the voicemail message indicator and **New Voicemail**. Press **Call** to listen to the message.

To **check** voicemail messages:

Press OK > **Messaging** > **Voicemail** > **CALL**.

Enter your four-digit unlock code if necessary and press OK.

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 **Contacts** entry for it. Then, you can use the entry to call your voicemail.

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advanced calling

features

voice dial

Press and release the voice key (on the right side of the phone), then (within two seconds) say:

- "Name dial," followed by the name of a **Contacts** entry.

  or

- "Digit dial," followed by a number.

You can use **Digit Dial**for numbers stored in **Contacts**.

features

auto PIN dial

Some networks require an authenticating PIN code to allow outgoing calls. Use **Auto PIN Dial** to dial your PIN code automatically.

To activate **Auto PIN Dial** and save your PIN code:

OK > > **Settings** > **Initial Setup** > **Auto PIN Dial**

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features

DTMF tones

OK > ⚙ > **Settings** > **Initial Setup** > **DTMF**

To send DTMF tones .during a call, press the number keys.

To send stored numbers as DTMF tones during a call, highlight a number in **Contacts** or the recent calls lists, then press OK > **Send Tones**.

features

insert special characters

While entering a number, press the **OPTIONS** key. Then select one of the following:

Insert Pause—Your phone waits until the call connects before it dials the next digit(s) in the series.

Insert Wait—Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s).

Insert 'n'—Your phone prompts you to enter a number.

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contacts

features

create entry

OK > Contacts > [New Entry] > Phone Number

create mailing list

Create a mailing list as a single **Contacts** entry:

OK > Contacts > [New Entry] > Mailing List

You can add or delete entries to or from a mailing list. Use a group name provided byyour phone or create your own name.

When you send a message to a mailing list, the message goes to all **Contacts** entries in that list.

features

set ringer ID for an entry

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

OK > Contacts > *entry*

Press **Options**, then scroll to **Edit** and press **Select**. Next, scroll to **Ringer ID** and press OK. Scroll to the desired *ringer_name* and press **Select**, then press **Done** to save the setting.

Activate ringer IDs:

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

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features
set picture ID for an entry Assign a photo or picture to show when you receive a call from an entry: OK > Contacts > *entry* Press **Options**, then scroll to **Edit** and press **Select**. Next, scroll to **Picture** and press OK. Scroll up or down to the desired picture and press **Select**, then press **Done** to save the setting.
set primary number Set the primary number for a **Contacts** entry with multiple numbers: OK > Contacts > *entry* Press **Options**, then scroll to **Set Primary** and press **Select**.

features
view all or primary numbers View all numbers or only primary numbers for entries OK > Contacts Press **Options**, then scroll to **Contacts Setup** and press **Select**. Scroll to **View** and press **Change**, then select **All Contacts** or **Primary Contacts**. Press **Done** to save your selection.
edit entry OK > Contacts > *entry* Press **Options**, then scroll to **Edit** and press **Select**.
delete entry OK > Contacts > *entry* Press **Options**, then scroll to **Delete** and press **Select**.

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features
copy entry OK > Contacts > *entry* Press **Options**, then scroll to **Copy Entry** and press **Select**. Enter a location number (in **Contacts**) and press **Ok**.
copy multiple entries OK > Contacts > *entry* Press **Options**, then scroll to **Copy Entries** and press **Select**. Enter the range of entries to copy in the **From[start]** and **From[end]** fields. Next, enter a location number where you want the entries to be copied in the **To[start]** field. Press **Done** to copy the entries.

features
set category for an entry OK > Contacts > *entry* Press **Options**, then scroll to **Edit** and press **Select**. Scroll to **Category**, then scroll left or right to the category you want. Press **Done** to save your selection.
set category view for entries You can show **All** entries, entries in a predefined category, or entries in a category you create. OK > Contacts Press **Options**, then scroll to **Categories** and press **Select**. Scroll to the desired category and press OK. Press **Exit** to save your selection. **Shortcut:** To see other categories in **Contacts**, press * or #.

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features
sort entries Set the order in which entries are listed: OK > Contacts > *entry* Press **Options**, then scroll to **Setup** and press **Select**. Next, scroll to **Sort by** and press **Change**. Scroll to **Name**, **Speed No.**, or **Email** and press **Select**. Press **Done** to save your setting.
set speed dial number OK > Contacts > *entry* Press **Options**, then scroll to **Edit** and press **Select**. Next, scroll to **Speed No.** and press OK. Enter the speed dial number and press **Ok**, then press **Done** to save the setting.

messages

features
send text message OK > Messaging > Create Message > New Text Message
use MMS template Open an MMS template with preloaded media: OK > Messaging > Create Message > Picture Msg Templates
view sent messages OK > Messaging > Outbox

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features
quick text *Quick text* is a prewritten message that you can quickly select and send. Your phone comes with several quick notes, and you can create additional ones. To send or create a quick text message: OK > ✉ **Messaging** > **Quick Text**
read received messages OK > ✉ **Messaging** > **Inbox** > *received_message*, then press **Open** (OK)
view sent messages OK > ✉ **Messaging** > **Outbox**
drafts View messages saved in **Drafts** folder: OK > ✉ **Messaging** > **Drafts** > *draft_message*

features
erase messages Delete all messages or only messages from the **Outbox** or **Drafts** folder: OK > ✉ **Messaging** Press **Options**, then scroll to and select **Erase Messages**.

personalize

speech commands

Advanced Speech Recognition enables you to place calls and access some menu options by speaking commands to your phone.

1 Press and release the voice key on the right side of the phone.

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Your phone displays and speaks **Say a command**, followed by a list of voice commands.

Note: If the speakerphone is not turned on and you want to activate it, press the smart/speakerphone key.

2 Say one of the following commands: **Name Dial**, **Digit Dial**, **Voicemail**, **Redial**, or **Received**.

Tip: Speak numbers at a normal speed and volume, pronouncing each digit distinctly. Avoid pausing between digits.

Your phone opens the corresponding menu or performs the corresponding action.

adapt advanced speech recognition to your voice

For most people, Advanced Speech Recognition works well for voice dialing without any initial setup. However, if the phone is frequently unable to recognize numbers correctly when you use voice dialing, you may be able to improve your results by adapting it to your voice.

Note: If the phone is used by several people, reset voice dialing to the original setting before proceeding. This ensures that you are not saving your settings over someone else's

Find it: OK > > **Settings** > **Personalize** > **Voice Dial Setup** > **Adapt Digits**

1 Press **START**.

2 When the phone prompts you to say the first digit sequence, wait for the beep, then repeat the digits in a normal tone of voice.

3 If the recording sounds acceptable (no mistakes or background noises), say "Yes" or press **YES**.

or

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If the recording is not acceptable, say "No" or press **NO**. When prompted to say the digits again, wait for the beep and say the digits again. The phone will prompt you to repeat this process with up to twelve additional sets of digits.

4 When the phone prompts, "More Adaptation?", press **YES** to continue or **NO** to end the process.

When the adaptation process is complete, the phone will say "Adaptation Complete."

Tip: When adapting speech recognition to your voice:

- Choose a quiet place for recording.
- Wait for the beep before you speak.
- Speak at a normal speed and volume, pronouncing each digit distinctly. Avoid pausing between digits.
- If you make a mistake while recording a sequence of digits, or if an unexpected noise spoils the recording, record that sequence again.

To reset speech recognition to the factory defaults:

Find it: OK > > **Settings** > **Personalize** > **Voice Dial Setup** > **Reset Digits**

more personalizing features

features
ring volume OK > **Ring Styles** > *Style* **Detail** > **Ring Volume**
keypad volume OK > **Ring Styles** > *Style* **Detail** > **Key Volume**

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features
reminders Set your phone to play reminder alerts for picture, text, or voicemail messages that you receive: OK > Ring Styles > *Style* Detail >Reminders
message alerts Set whether or not you are alerted to messages while you are on a call: OK > Ring Styles > *Style* Detail >Reminders
skin Choose a phone *skin* that sets the look and feel of your phone's screen: OK > Settings > Personalize > Skin

features
greeting Change the greeting that appears when you turn on your phone: OK > Settings > Personalize > Greeting
change home screen soft key labels OK > Settings > Personalize > Home Screen > Home Keys > Left Soft Key or Right Soft Key
banner Create a heading to display on your phone's home screen: OK > Settings > Personalize > Main Menu > Banner
text layout Set home screen text to be left justified or centered: OK > Settings > Personalize > Home Screen > Layout

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features
clock view Display an analog clock or digital time readout in the home screen: OK > Settings > Personalize > Home Screen > Clock
menu view Display the main menu as icons or a text list: OK > Settings > Personalize > Main Menu > View
show or hide menu icons Show or hide menu feature icons in the home screen: OK > Settings > Personalize > Home Screen > Home Keys > Icons
menu language OK > Settings > Initial Setup > Language

features
scroll Set the scroll bar to stop or wrap around in menu lists: OK > Settings > Initial Setup > Scroll
master reset Reset all options except unlock code, security code, and lifetime timer: OK > Settings > Initial Setup > Master Reset To reset all options, you need to enter the Security Code (000000).

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features

master clear

Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries:

Warning: This option erases all user-entered information stored in your phone memory, including **Contacts** entries and downloaded files. Once you erase the information, it cannot be recovered. It resets all options to their factory settings except for the unlock code, security code, and lifetime timer.

OK > Settings > Initial Setup > Master Clear

To reset all options, you need to enter the **Security Code** (000000).

call times

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.

features

set in-call timer

OK > Settings > In-Call Setup > In-Call Timer

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features
view call times OK > Extras > Recent Calls > Call Times Scroll to Last Call, Dialed, Received, Roam Calls, Home Calls, CSD Calls, All Calls, or Lifetime Calls, and press Select.
view data times OK > Extras > Recent Calls > Data Times
view data volumes OK > Extras > Recent Calls > Data Volumes

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.

features
accessory volume settings (car kit or headset) Adjust volume levels of car kit accessory: During an active call, press your phone's up or down volume keys.
external speakerphone Activate a connected external speakerphone during a call: Press the smart/speakerphone key on the left side of the phone.

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features
auto answer (car kit or headset) Automatically answer calls when connected to a car kit or headset: OK > Settings > Car Settings or Headset > Auto Answer
voice dial (headset) Enable voice dial with headset send/end key: OK > Settings > Headset > Voice Dial
auto handsfree (car kit) Automatically route calls to a car kit when connected: OK > Settings > Car Settings > Auto Handsfree

features
power-off delay (car kit) Set the phone to stay on for a period of time after the ignition is switched off: OK > Settings > Car Settings > Power-off Delay
charger time (car kit) Charge your phone for a period of time after the ignition is switched off: OK > Settings > Car Settings > Charger Time

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data & fax calls

features
data settings Specify call type for next call: OK > Settings > Connection > Incoming Call Scroll to Next Call and press Change, then select Normal, Data In Only, or Fax In Only.
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.

features
talk then fax Connect your phone to the device, then press OK > Dialing Menu > Talk Then Fax. Press to make the call.

network

Features
network settings View network information and adjust network settings: OK > Settings > Network Options

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personal organizer

features
add datebook event OK > Datebook > *day* Press **Options**, then scroll to **New** and press **Select**.
view datebook event View or edit event details: OK > Datebook > *day* Press OK, then scroll to the *event* and press OK.
event reminder Press **View** to view an event reminder. Press **Exit** to dismiss an event reminder.

features
copy datebook event Copy a datebook event to another date and/or time: OK > Datebook > *day* Press OK, then scroll to the *event* and press **Options**. Scroll to **Copy** and press **Select**.
set alarm OK > Extras > Tools > Alarm Clock
turn off alarm To turn off an alarm, press **Disable** or . To set an 8-minute delay, press **SNOOZE**.

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features

create voice record

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

Press and hold the voice key and begin recording. Release the voice key when finished.

play voice record

OK > Voice Records

Scroll to the *voice_record* you wish to play and press OK.

calculator

Calculate numbers:

OK > Extras > Tools > Calculator

features

convert currency

OK > Extras > Tools > Calculator

Press **Options**, then scroll to **Exchange Rate** and press **Select**. Enter the desired exchange rate and press **Ok**. Enter the amount to be converted, then press **Options**. Scroll to **Convert Currency** and press **Select**.

security

features

lock application

Lock phone applications:

OK > Settings > Security > Lock Application

When prompted, enter the unlock code and press **Ok**. Then scroll to the application you wish to lock and press **Change**.

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features
restrict calls Restrict outgoing or incoming calls: OK > Settings > Security > Restrict Calls
change unlock and security codes OK > Settings > Security > New Passwords > Unlock Code or Security Code
control access to location function Set up a location code to control access to the Location function (see “hide or show location information” on page 47): OK > Settings > Security > New Passwords > Location Code

fun & games

features
launch micro-browser Start a micro-browser session: OK > Brew
manage pictures OK > Media Gallery > Pictures
manage sounds Manage sounds and create playlists: OK > Media Gallery > Sounds

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service & 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 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

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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 1.60 W/kg, and when worn on the body, as described in this user guide, is 1.49 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 1.49 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.

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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.

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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 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.

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

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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 website 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.

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.

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 digital 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.

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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 website: `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

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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

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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.
⊖ Li Ion BATT ⊕	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

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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.

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Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.

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Products Covered	Length of Coverage
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

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Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who Is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones** 1-800-331-6456 **Pagers** 1-800-548-9954 **Two-Way Radios and Messaging Devices** 1-800-353-2729
Canada	**All Products** 1-800-461-4575
TTY	1-888-390-6456
For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

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What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

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Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

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Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: `http://www.who.int./peh-emf`

Product Registration

Online Product Registration:

`http://www.motorola.com/warranty`

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

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Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Wireless: The New Recyclable

Your wireless phone can be recycled. Recycling your wireless phone reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their phones and have taken steps to promote the collection and environmentally sound recycling of end-of-life wireless devices.

As a wireless phone user, you have an important role in ensuring that this phone is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at `http://promo.motorola.com/recycle/phones/whyrecycle.html`

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Smart Practices While Driving

Drive Safe, Call Smart SM

Check the laws and regulations on the use of mobile devices 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. Contact www.motorola.com/callsmart for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device 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.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original™ handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device 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.
- **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.
- **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.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **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 that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*

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- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*
- **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.*

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* Wherever wireless phone service is available.

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