

Z6m CDMA 02/27/07

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HELLOMOTO

Introducing your new **MOTORIZR™** Z6m CDMA wireless phone!

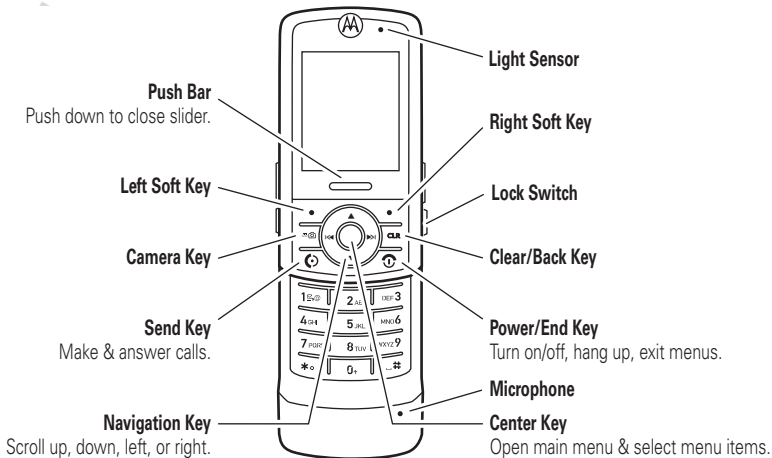
Connect on So Many Levels – Whether it's work or friends, connect in a variety of ways – voice, messaging, downloads, or swapping an optional memory card – you'll be on top of all the latest news and views to share!

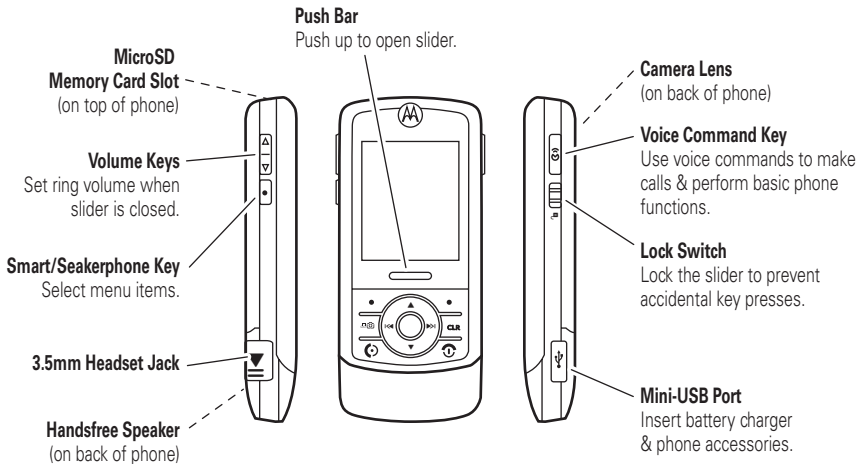
Rich Multimedia Experience – Use the robust music player to set your playlist for your morning commute. Slip a microSD card into the removable memory slot to save many more songs!

An easy to use digital camera lets you take great quality pictures. Save images on your phone or on the memory card. Or instead, make a mini-movie with the video camera, if you prefer.

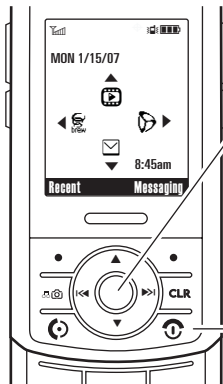
Handsfree Convenience – Use your phone with Bluetooth® wireless headsets to hear calls or music.

Here's a quick anatomy lesson.





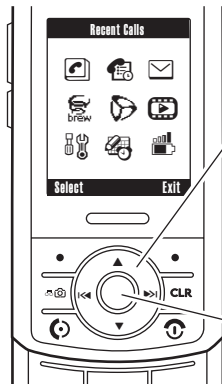
Home Screen



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

① Press & hold the **Power Key**  until the display lights up, to turn on your phone.

Main Menu



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

④ Press the **Center Key**  to select it.

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

To change your home screen shortcuts and main menu appearance, see page 83.

Motorola, Inc.
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1307 East Algonquin Road
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www.hellomoto.com
1-800-331-6456 (United States)

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Manual Number: 6809509A46-0

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menu map

main menu



Contacts



Recent Calls

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



Messaging

- Create Message
- Message Inbox
- Voicemail
- Browser Alerts
- Outbox
- Drafts
- Templates



BREW



Web Browser



Media Gallery

- Camera
- MP3 Player
- Pictures
- Sounds
- Videos
- Video Camera
- Themes



Settings

- (see next page)

* optional features



Tools

- Calculator
- Datebook
- Voice Records
- Alarm Clock
- Airplane Mode



Phone Status

- My Tel. Number
- Battery Meter
- Storage Devices
- Other Information

This is the standard main menu layout.

Your phone's menu may be a little different.

settings menu



Ring Styles

- Style
- Style Detail



Personalize

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



In-Call Setup

- In-Call Timer
- Answer Options
- MSG Alert



Security

- Phone Lock
- Lock Application
- Restrict Calls
- New Passwords



Initial Setup

- SpeakerPhone
- Auto Redial
- Backlight
- TTY Setup
- Scroll
- Slide Closed
- Language
- Battery Save
- Brightness
- DTMF
- Hyphenation
- Master Reset
- Master Clear



Network

- Current Network
- Set Mode
- Service Tone
- Call Drop Tone



Car Settings

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



Headset

- Auto Answer
- Voice Dial



Location



Connection

- Incoming Call
- Bluetooth Link
- USB Settings

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** > **Received**

This means that, from the home screen:

- 1 Press the *center key*  to open the menu.
- 2 Press the *navigation key*  to scroll to  **Recent Calls**, and press the center key  to select it.
- 3 Press the navigation key  to scroll to **Received Calls**, and press 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.

symbols



This means a feature requires an optional accessory.

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.
- 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.

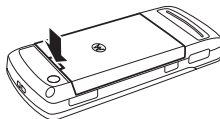
Before using your phone, read the battery safety information in the “Safety and General Information” section included in this guide.

To save battery life:

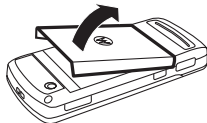
- Don't block the light sensor on the front of your phone (see page 2). The light sensor helps conserve battery by sensing when to dim the backlight.
- Adjust the backlight to turn off more quickly (see page 40).
- Turn off Bluetooth power when you are not using it (see page 55).

install the battery

1



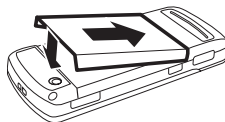
2



3

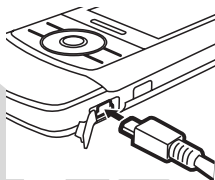


4




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. The phone 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.


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. Your phone's four-digit **unlock code** is originally set to **1234** or to the last four digits of your phone number.

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

lock & unlock slider


You can lock your phone to keep from accidentally pushing external keys when the slider is closed.

To lock the phone, push the lock switch **up** (see page 2).

When the phone is **on and locked**, if you open the slider, the keypad unlocks. When you close the slider, the phone goes back into the locked state. When the phone is **off and**

the locked, the phone will not turn on, but briefly displays a white padlock to remind you that the phone is locked.


make a call


Open your phone, enter a phone number and press  to make a call.

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

Tip: Is your caller saying they can’t hear you? Make sure your finger is not covering the microphone (see page 3).

answer a call

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

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

adjust volume

With the slider open or closed, press the volume keys (see page 3) 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 slider open)
- turn off an incoming call alert

change the call alert

With the slider open or closed, press the down volume key (see page 3) 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 then to the lowest alert volume setting.

store a phone number



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


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



Note: To edit or delete a **Contacts** entry, see page 76.

To store an email address, press  >  **Contacts** > **[New Entry]** > **Email**. Enter the name and email address.

call a stored phone number

Find it:  >  **Contacts**

- 1 Scroll to the **Contacts** entry.
- 2 Press  to call the entry.

Shortcut: In **Contacts**, 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.




view your phone number


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

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

tips & tricks

From the home screen (page 18), you can use the following shortcuts:


| To... | Do this... |
|------------------------------------|--|
| Play music | Press the music/camera key  or press the Smart/ Speakerphone Key (see page 3) to open the music player. |
| Turn speakerphone on or off | Press and hold the Smart/ Speakerphone Key (see page 3). |
| Call voicemail | Open the slider. Press and hold  . |
| See recent calls | Press the send key  . |

| To... | Do this... |
|--------------------------------------|---|
| Change ring style | Press the side volume keys (see page 3). |
| Take a picture | Press and hold the music/camera key  to activate the camera. |
| Lock the slider external keys | Push the side lock key up (see page 3). |
| Use voice commands | Press the side voice command key (see page 3). |
| Record a voice note | Press and hold the side voice command key (see page 3). |

basics

See page 2 for a basic phone diagram.


home screen

When you turn on your phone, it displays the *home screen*. To dial a number from the home screen, open the slider, press number keys and .



Note: Your home screen might look a little different from this example.














Soft key labels show the current soft key functions. For soft key locations, see page 2.






Press the *navigation key*  up, down, left, or right to select items in the home screen.


Status indicators can appear across the top of the home screen:

| indicator | |
|---|---|
|  Signal Strength | Vertical bars show the strength of the network connection. |
|  Roaming | Indicates phone is in a digital coverage area and is roaming off network. |

| indicator | |
|--|---|
|  Digital | Indicates phone is in a CDMA digital coverage area. |
|  1X | Indicates phone is in a 1x-RTT coverage area. |
|  Missed Call | Indicates that you received an unanswered call. |
|  Data Call, Tethered, or Embedded WAP/BREW Application | Shows during data call, tethered mode, or WAP/BREW application. |
|  No Service | Phone is in area with no service coverage. |

| indicator | |
|---|---|
|  Voice Call/Incoming Call | Shows during an active voice call. |
|  Location On | Shows when Location is set to On . |
| Keypad Locked Phone Locked | Shows when phone is locked. |
|  Battery Level | Shows battery charge level. The more bars, the greater the charge. |
|  Sounds Loud | Indicates Style (in Ring Styles) is set to Loud . |
|  Sounds Soft | Indicates Style (in Ring Styles) is set to Soft . |
|  All Sounds Off | Indicates Style (in Ring Styles) is set to Silent . |


| indicator | |
|--|--|
|  Sound On, Vibrate On | Indicates Style (in Ring Styles) is set to Vibe then Ring . |
|  Speakerphone On | Indicates speakerphone is on. |
|  New Text Message | Appears when you receive a new text message. |
|  New Voicemail Message | Appears when you receive a new voicemail message. |
|  Airplane Mode | Shows when Airplane Mode is turned on. (You cannot make or answer calls, but you can use other non-calling features of your phone.) |

| indicator | |
|---|---|
|  Bluetooth Connection Active | Your phone is paired to another Bluetooth device. |

shortcuts & main menu

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



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

home screen shortcuts

You can change the **shortcuts** that open features when you press the navigation key and soft keys in the home screen. For key locations, see page 2.



Note: This option might be restricted or unavailable if your home screen shows scrolling headlines from your service provider.


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

| options | |
|--------------|---|
| Icons | Show or hide your navigation key shortcut icons in the home screen. |

| options | |
|------------------------------|--|
| Up, Down, Left, Right | Choose the features that open when you press the navigation key up, down, left, or right in the home screen. |
| Left Soft Key | Choose the feature that opens when you press the <i>left soft key</i> in the home screen. |
| Right Soft Key | Choose the feature that opens when you press the <i>right soft key</i> in the home screen. |

main menu appearance

To change your **main menu icons**, press 
>  **Settings** > **Personalize** > **Home Screen** > **Home Keys**
> **Icons**.

To make your **main menu appearance** either icons or a text-based list, press .

>  **Settings** > **Personalize** > **Main Menu** > **View**.

For even more ways to personalize your home screen, see page 83.

enter text


Some screens require you to enter text, such as when you compose a message or create a new contact, as this example shows:



Use the keypad to enter text.

set entry modes

Set text entry modes to make it easier for you to enter names, numbers, and messages.

In a text entry screen, press  to switch to any of these entry modes:

| entry modes | |
|------------------|---|
| Primary | Enter text using a method that you set. |
| Numeric | Enter numbers only (see page 27). |
| Symbol | Enter symbols only (see page 27). |
| Secondary | Enter text using a method that you set. |

To assign a Primary or Secondary text entry mode:

- 1 In any text entry screen, press **Options**.
- 2 Scroll to **Text Setup** and press **Select**.

- 3 Scroll to **Primary Setup** or **Secondary Setup** and press **Change**.
- 4 Scroll to one of the following choices and press **Select**:

| options | |
|----------------------------|--|
| iTAP English | Let the phone predict each English word as you press keys. |
| iTAP Español | Let the phone predict each Spanish word as you press keys. |
| iTAP Portuguêse | Let the phone predict each Portuguese word as you press keys. |
| Tap English | 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. |

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

To select a text entry mode:

Press **Options** in any text entry screen, scroll to and select **Text Setup**, then scroll to and select the desired entry mode.







capitalization

Press **[Q]** in any text entry screen to change the text case. The following indicators show capitalization status:

| capitalization status | |
|------------------------------|-----------------------------|
| abc | no capital letters |
| ABC | all capital letters |
| Abc | capitalize next letter only |

text entry mode indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

| primary | secondary | |
|--|---|-----------------------------------|
| 1 | 2 | Tap, no capital letters |
| 1↑ | 2↑ | Tap, capitalize next letter only |
| 1↑↑ | 2↑↑ | Tap, all capital letters |
|  |  | iTAP™, no capital letters |
|  |  | iTAP, capitalize next letter only |
|  |  | iTAP, all capital letters |

The following indicators identify **Numeric** or **Symbol** entry mode:

| non-text entry mode | |
|----------------------------|--------------|
| 123 | numeric mode |
| @% | symbol mode |


tap method

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

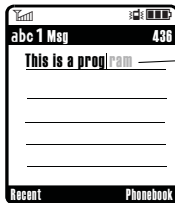
Regular **Tap** method cycles through the letters and numbers of the key you press. The **Tap Extended** method cycles through letters, numbers, **and** symbols.

- 1** Press a key one or more times to select a letter, number, or symbol.
- 2** Repeat the step above to enter all characters.

Tip: Press  right or  to insert a space.





In a text entry screen you can press  to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page “set entry modes” on page 22.

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  up or  down to reject it. Press  to enter a space after **prog**.

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

- Press a keypad key repeatedly to cycle through its characters.
- Press  left or  right to move the flashing cursor to the left or right in a text message.
- 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.
- If you don't want to save your text or text edits, press  to exit without saving.

iTAP® method

The iTAP software combines your key presses into common words, and predicts each word as you enter it. This can be faster than Tap method.

- 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.

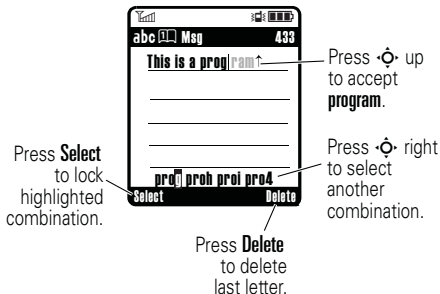
You can press keys to add more letters to the end of the combination.

or

Press **ⓧ** to enter the highlighted combination when it spells a word.


A space is inserted after the word.


For example, if you press **7764**, your phone displays the corresponding letter combinations:




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

In a text entry screen, press  to switch entry methods until your phone displays the **123** (numeric) indicator.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press  to switch to another entry method.



symbol method

In a text entry screen, press  to switch entry methods until your phone displays the **@%** (symbol) indicator.

- 1 Press a key one or more times to show possible symbol 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.

delete letters & words

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

- Press  to delete one letter at a time.
- **Press and hold**  to delete the entire message.

slider closed

With your phone closed, you can use **any feature that doesn't require the keypad**:

- answering calls
- viewing message notifications
- calling people in your contacts
- sending text or MMS templates to people on your contacts list
- taking pictures or videos

- playing music
- setting phone alert styles

To set the phone alert style with slider closed:

- 1 Press the volume keys up or down to scroll through styles.
- 2 Press the smart/speakerphone key to select the displayed style.
- 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:

- 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.

continue or end task when closing slider

You can set your phone to either end or continue a task when you close the slider. For example, if you want to be able to close your slider during a phone call without hanging up, set the **Slide Closed** option to **Continue Task**.

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

Note: When you set your slider to **End Task**, all tasks end **except** calls while you're using Bluetooth, wired headset, or the speakerphone. If you are downloading any applications, closing the slider doesn't interrupt the download. If the download hasn't started yet, closing the slider stops the download.

handsfree speaker

Note: The slider does not have to be open to use the speakerphone.

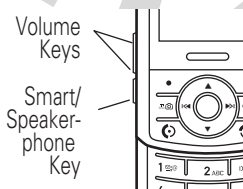
You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

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

To activate the speakerphone during a call, press and hold the smart/speakerphone key.

You will see **Spkrphone On** and hear an audio alert.

To end the call, press **End Call** or press .



Note: Closing the slider while using the speakerphone does not end the call.


To deactivate the speakerphone, press and hold the smart/speakerphone key again or turn off the phone. You will see **Speakerphone Off**.

You can also set your phone to turn off the speakerphone automatically after 20 seconds of inactivity:

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

- 1 Scroll to **SpeakerPhone** and press **Change**.
- 2 Scroll to **20 sec timeout** and press **Select**.

To use the speakerphone with your phone's slider closed:

- 1 Open the slider.
- 2 Press and hold the smart/speakerphone key to turn on the speakerphone.
- 3 Enter the number you want to call and press .

- 4 When the call connects, close the slider and continue your conversation.
- 5 To end the call, press and hold the smart/speakerphone key. You will see **Call Ended** and hear a soft audio alert.

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234** or to the last four digits of your phone number. The six-digit **security code** is originally set to **000000**. Your service provider may reset these codes before you get your phone.

If your service provider didn't change these codes, you should change them to prevent others from accessing your personal information. The unlock code must contain four digits. The security code must contain six digits.

To change a code or password:

Find it:  >  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, contact your service provider.

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

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 47). A locked phone still rings or vibrates for incoming calls or

messages, **but you need to unlock it to answer.**

To lock your phone:

Find it: Press  >  **Settings** > **Security** > **Phone Lock** > **Lock Now** or **Automatic Lock**

Enter the four-digit unlock code, then press **Ok**.

To unlock your phone:



When you see **Enter Unlock Code**, enter your four-digit unlock code and press **Ok**.

airplane mode

Note: Consult airline staff about the use of **Airplane Mode** during flight. Turn off your phone whenever instructed to do so by airline staff.

Airplane mode turns off your phone's calling features in situations where wireless phone use is prohibited. You can use the phone's

other non-calling features when **Airplane Mode** is turned on.

Find it:   **Tools** > **Airplane Mode** > **On** or **Off**

Your phone can prompt you to activate or deactivate each time you turn on the phone:

Find it:   **Tools** > **Airplane Mode** > **Prompt At Startup** > **On** or **Off**

memory card

You can store multimedia content such as songs and photos on your phone's internal memory or on a removable microSD (TransFlash) memory card.

Notes:

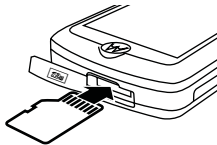
- If you download a copyrighted file and store it on your memory card, you can use the file only when your memory card is inserted in your phone. You

cannot send, copy, or change copyrighted files.

- If you don't have a memory card, you can copy files from your computer to your phone via Bluetooth (page 55) or by using Motorola Phone Tools (page 60).
- Your phone supports microSD memory cards with up to 2 GB capacity (greater than 1 GB capacity is guaranteed only for SanDisk microSD cards).

install memory card

- 1 Open the memory card slot cover on the top of your phone (see page 3).
- 2 Slide the memory card into the card slot until it clicks.



3 Replace the memory card slot cover.

To remove the card, press it once quickly to release it from the slot, and then pull it out. Do not remove your memory card while your phone is using it or writing files on it.

format memory card

Note: You must format a memory card before using it for the first time. This procedure is critical because it creates the “Mobile” and “Motorola” directories. If you do not format a memory card before using it for the first time, your phone may not be able to read the contents of the card.

Caution: Formatting the memory card will erase all content currently stored on the card.


Find it: Press  >  **Phone Status**
> **Storage Devices**

Find it:

- 1 Scroll to **Memory Card-T-Flash** and press **Options**.
- 2 Scroll to **Format** and press **Select**.
- 3 When prompted, press **Yes** to continue or **No** to cancel formatting.

view memory card contents

Find it: Press   **Media Gallery**


- 1 Select the desired multimedia object type (**Pictures**, **Sounds**, or **Videos**).
- 2 Press **Options** to open the menu for the selected object type.
- 3 Scroll to **View Storage Devices** and press **Select**.
- 4 Scroll to **All** (to view contents of the memory card and phone memory), **Phone Memory**, or **Memory Card**, and press the center key .



copy or move files between phone & memory card

You can copy or move files (such as photos or music files) from your phone to the memory card to free up phone memory.

Note: Moving a file to the memory card deletes the original file from phone memory.

Find it: Press   **Media Gallery**

- 1 Scroll to **Pictures**, **Sounds**, or **Videos** and press **Select**.
Note: Pictures that came preloaded on your phone cannot be moved to the memory card.
- 2 Scroll to the picture or video clip you want to move or copy and press **Options**.
- 3 Scroll to **Mark** and press  right.
- 4 Scroll to **Current** (to mark the selected file) or **All** (to mark all files) and press **Select**.

- 5 Press **Options**, then scroll to **Manage Marked Files** and press  right.
- 6 Scroll to **Copy** or **Move** and press **Select**.
- 7 Scroll to the device where you want to copy or move the file and press the center key .




transfer files from computer to memory card

To transfer files from a computer to your phone's memory card, you can use either a Bluetooth connection, cable connection, or a card reader.

For details about Bluetooth connections, see page 55. Memory cards, USB cables, and card readers are not included with your phone, but you can buy them separately.

Note: You must format your memory card before you use it for the first time (see page 32).

To use a USB cable connection

- 1 Disconnect the cable from your phone if it's already connected.
- 2 On your phone, press  >  **Settings** > **Connection** > **USB Settings**.
- 3 With **Default** highlighted, press **Change**.
- 4 Scroll to **USB Drive** and press **Select**.
- 5 Press  to return to the home screen.
- 6 Connect the cable to your phone and to an available USB port on your computer.

Note: When your phone is connected to a computer, you cannot access the memory card through the phone. For more details about cable connections, see page 58.

- 7 **On your computer**, open your “My Computer” window, where your phone’s memory card displays as a “Removable Disk” icon.
- 8 Click on the “Removable Disk” icon to access your phone’s memory card.
- 9 In the “Removable Disk” (memory card) window, create one or more folders for the files you will copy onto the memory card.

You can save up to 50 files in each folder that you create. When the music player looks for music files on the card, it will search all folders on the card if the **Search** option is set to **Always** or **Ask** (see page 68).

A file name (including the path) must be less than 241 characters. For example, if you copy songs into a folder you create that is named “MyMotoSongs,” the name of any song PLUS the name of the folder

“MyMotoSongs” must be less than 241 characters.

Note: You may see “Mobile” and “Motorola” folders in the memory card window. These folders are used by your phone. **Do not delete these folders.**

- 10 Copy desired files onto the memory card by dragging and dropping them into the “Removable Disk” window, **into a folder that you have created. Do not copy files to the main directory.**
- 11 When you finish, disconnect your phone by clicking on the “Safely Remove Hardware” icon in the system tray on your computer screen, then selecting “Safely Remove USB Mass Storage Device.”
- 12 Disconnect the cable from your phone and computer.

To use a memory card reader

- 1 Insert your memory card into the card reader.
Note: You may first need to insert the card into an adapter that fits into the card reader.
- 2 Insert the card reader into an available USB port on your computer.
- 3 Open your “My Computer” window on your computer, where your phone’s memory card shows as a “Removable Disk” icon.
- 4 Click on the “Removable Disk” icon to access your phone’s memory card.
- 5 In the “Removable Disk” (memory card) window, create one or more folders for the files you will copy onto the memory card.

You can save up to 50 files in each folder that you create. When the music player looks for music files on the card, it will search all folders on the card if the **Search** option is set to **Always** or **Ask** (see page 68).

A file name (including the path) must be less than 241 characters. For example, if you copy songs into a folder you create that is named “MyMotoSongs,” the name of any song PLUS the name of the folder “MyMotoSongs” must be less than 241 characters.

Note: You may see “Mobile” and “Motorola” folders in the memory card window. These folders are used by your phone. **Do not delete these folders.**

- 6 Copy desired files onto the memory card by dragging and dropping them into the “Removable Disk” window, **into a folder that you have created.**

Do not copy files to the main directory

(where the “Mobile” and “Motorola” folders are located).

- 7** When you finish, disconnect the card reader by clicking on the “Safely Remove Hardware” icon in the system tray on your computer screen, then selecting “Safely Remove USB Mass Storage Device.”
- 8** Remove the card reader from the computer.
- 9** If necessary, remove the memory card from the adapter.
- 10** Insert the memory card into your phone (see page 31).



customize

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:  >  **Settings** > **Ring Styles**

- 1 Scroll to **Style** and press **Change** or the center key .
- 2 Scroll to the desired ring style and press **Select** or the center key .


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:  >  **Settings** > **Ring Styles**

- 1 Scroll to **Style Detail** and press **Change** or the center key .
- 2 Scroll to the desired alert type and press **Change** or the center key .

- 3 Scroll to the desired detail setting and press **Select** or the center key .

Note: Your phone plays a sample of each highlighted setting as you scroll through the settings.



wallpaper

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

Note: Your *theme* can set your wallpaper (page 40).



 >  **Settings** > **Personalize** > **Wallpaper**

To select a wallpaper image:

- 1 Scroll to **Picture** and press **Change** or the center key .
- 2 Scroll to the picture you want and press the center key .

Select **(None)** to turn off wallpaper.

To adjust wallpaper image layout:

- 1 Scroll to **Layout** and press **Change** or the center key .
- 2 Scroll to **Center**, **Tile**, or **Fit-to-screen**, and press **Select** or the center key .

To set a monthly calendar as your wallpaper:

- 1 Scroll to **Calendar** and press **Change** or the center key .
- 2 Scroll to **On** and press **Select** or the center key .

set screen saver



Set a photo or picture as a screen saver image.

The screen saver image appears when the slider is open and no activity is detected for a specified time period. The image shrinks to fill the display, if necessary.

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

Find it:  >  Settings > Personalize > Screen Saver

To select a picture to use as a screen saver:

- 1 Scroll to **Picture** and press **Change** or the center key  to view available pictures.
 - 2 Scroll to the picture you want and press **Select** or the center key .
- 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**.

brightness

Find it:  >  Settings > Initial Setup > Brightness

Use the left and right navigation keys to adjust the brightness.

backlight

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



Find it:  >  Settings > Initial Setup > Backlight

talking phone settings

You can set your phone to speak aloud the name of a Contacts entry when you highlight that entry in the phonebook. You can also set it to speak the names of digits as you enter a number to call.

To set up the talking phone feature:

Find it:  >  **Settings** > **Personalize**
> **Sound Settings** > **Talking Phone Settings**

Select **Contact List Entries** or **Keypad Digits** and press **Change**, then select **On** or **Off**.

To activate the talking phone feature:

Find it:  >  **Settings** > **Personalize**
> **Sound Settings** > **Talking Phone** > **On**


AGPS & your location


Note: This Motorola mobile phone incorporates *Assisted Global Positioning System* (AGPS) technology that can be used by emergency services to help determine a user's location. This functionality is required by law and cannot be deactivated. However, AGPS technology also can be used with certain location-based software applications—for example, to provide driving directions—which may track and monitor a user's location. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

Your phone uses the *Automatic Location Information* (ALI) feature, along with AGPS satellite signals, to tell the network where you are physically located.




Note: ALI may not work in all locations and may not be available due to network, environmental, or interference issues.


When ALI is set to **Location > On**, your phone shows 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 **Location > Off**, 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).

Find it:  >  **Settings > Location > On or Off**

To view or change the location transmission status of your phone during a call, press  > **Location**.

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 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.
- 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.



calls

To make and answer calls, see page 15.

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**.



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.


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

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

recent calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls didn't connect. The lists are sorted from

newest to oldest calls. The oldest calls are deleted as new calls are added.


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


Find it:  >  **Recent Calls**

1 Scroll to **Received Calls** or **Dialed Calls** and press **Select**.

2 Scroll to an entry.

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

3 Press  to call the number.

To see call details (like time and date), press the center key .


To access a menu of options (see the table following these steps), press **Options**.

When you press **Options** while viewing a list of recent calls, you see a menu that can include these options:

| option | |
|----------------------|--|
| Store | Create a Contacts entry with the number in the Number field. Store does not appear if the number is already in your Contacts . |
| 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. |
| 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 .

answer options

You can change how you answer a call:

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

| | |
|-----------------------|-------------------------------|
| Multi-Key | Answer by pressing any key. |
| Open To Answer | Answer by opening the slider. |

notepad

The most recent set of digits that you enter are stored in your phone's *notepad* memory.

To retrieve a number stored in the notepad:

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

Press  to call the number.

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 **Number** field.

attach number

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


emergency calls

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

- 1 Enter the emergency number.
- 2 Press .

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.

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 41).
- Your local emergency response center might not process AGPS location

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

You can assign a unique *speed dial* number to each entry in your Contacts.

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.

To assign speed dial numbers to contacts, see page 77.

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

To **check** voicemail messages:

Find it:  >  **Messaging** > **Voicemail** > **Call**

Tip: Use the shortcut to dial voicemail by pressing and holding .

messages

send a multimedia message



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

create & send message

Find it:  >  **Messaging** > **Create Message**

1 Enter message text.

2 Press **Options** to view MMS message options.

Note: See “mms message options” on page 52 for descriptions of all menu options.

3 Scroll to **Insert** and press **Select**.

4 To insert a stored multimedia object, scroll to **Picture**, **New Picture**, **Voice Record**, **Sound**, **Video**, **New Video**, and **Text Template**, and press **Select**. Then scroll to the desired object and press **Insert**.

or

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

or

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

5 Press **Send To**.

6 Select an entry.

or

Press **Options** to enter the recipient's phone number or email address. Press **Ok** when finished.

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.

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

or

Press **Options** to see these choices:

| Send To options | |
|------------------------|---|
| Unselect All | Unselect all recipient phone numbers and/or email addresses. |
| View Selected | See a list of all recipient phone numbers and/or email addresses. |
| Back to Message | Return to the message text entry screen. |
| Enter Number | Enter a recipient phone number. |
| Enter Email | Enter a recipient email address. |
| Change to MMS | Change a text-only message type to a multimedia message. |

Send To options

Sending Options Copy other recipients, enter a message subject, add attachments, set message priority, request a message delivery report, or specify when to deliver the message.

Message Details View detailed information about the message.

Save to Drafts Save the message to the **Drafts** folder.

Cancel Message Cancel the message and return to the **Message Center**.

mms message options

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


mms message options

| | |
|----------------------|---|
| Insert | Insert a multimedia object. |
| Change to SMS | Change a multimedia message type to a text message. |
| Preview | See the message and see or listen to inserted multimedia objects. |
| Page Options | Specify how long each multimedia object is displayed. |

| mms message options | |
|---------------------------|--|
| Sending Options | 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 as Template | Save the message as a text message template or MMS message template (see page 79). |
| Cancel Message | Cancel the message and return to the Message Center . |
| Editing Options | Select Copy Text , Cut Text , or Copy All Text . |
| Change Text Mode # | Select a text entry mode (for details, see page 22). |

| mms message options | |
|---------------------|---|
| Text Setup | Specify default primary and secondary entry modes (for details, see page 22). |

receive a multimedia message


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

Open the slider and press **Read** to read the message immediately, or save it in your **Message Inbox** for viewing later.

To read messages in your **Message Inbox**:

Find it:  >  **Messaging** > **Message Inbox**

- 1 Scroll to the message you want to read.

- 2 Press the center key  to open the message. Your phone displays the media object, then the message.

Multimedia messages can contain different media objects:

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

connections

Bluetooth® connections



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

Your phone currently supports the following Bluetooth profiles:

- 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

You can set Bluetooth power to be on whenever your phone is on.

Find it: > **Settings** > **Connection** > **Bluetooth Link** > **Setup**

- 1 Scroll to **Power** and press **Change**.
- 2 Scroll to **On** and press **Select**.

Note: 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 computer that supports Bluetooth wireless connections:

Find it:  >  **Settings** > **Connection**
> **Bluetooth Link** > **Audio Devices** > **[Look For Devices]**

Your phone displays a list of device(s) within range of the phone. If your phone is already connected to a device, your phone lists that device with a ✓ (in-use indicator). After your phone connects with a device, no other device can connect to your phone until you disconnect the current device.

- 1 Scroll to a device in the list of devices your phone found.
- 2 Press the center key  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.

If you are connecting to a computer, use the Bluetooth wizard or online help to determine what services are available.

Tip: For details about an accessory, refer to the instructions that came with it.

connect with another phone

You can use Bluetooth to connect directly with another phone.

To transfer a contact from one phone to another phone:

- 1 On the destination phone,** turn on Bluetooth and then press  >  **Settings** > **Connection** > **Bluetooth Link** > **Find Me**.
- 2 On the origin phone,** open the phonebook by pressing  >  **Contacts**.

- 3** Highlight the entry you want to transfer and press **Options**.

- 4** Select **Send Contact** > **Bluetooth**.

Note: If the origin phone does not already have Bluetooth power turned on, it prompts you to turn it on.

- 5** Select [**Look for Devices**] and select the destination phone.

When the origin phone connects with the destination phone, it transfers the entry.

To transfer a file from one phone to another phone:

- 1 On the destination phone,** turn on Bluetooth and press  >  **Settings** > **Connection** > **Bluetooth Link** > **Find Me**.
- 2 On the origin phone,** select the file you want to transfer by pressing  >  **Media Gallery** > **Videos, Sounds,** or

Pictures, highlighting the file, and pressing **Options**.

3 Select either **Copy** or **Move**.

Note: If the origin phone does not already have Bluetooth power turned on, it prompts you to turn it on.

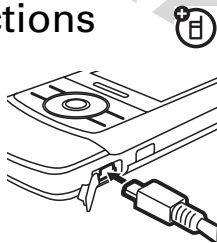
4 Select **[Look for Devices]** and select the destination phone.

When the origin phone connects with the destination phone, it transfers the file.

cable connections

You can use your phone's mini-USB port to connect to a computer.

Note: Motorola Original™ USB data



cables and supporting software may be sold separately. Check your computer to determine which cable you need.

If you use a USB cable connection:

- Be 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).

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.

entertainment

Have fun with your phone!

music player

Use your phone's music player to **play MP3 music files**. You can copy MP3 files on to your phone or on to an optional memory card (see page 31).

Note: Your phone can play MP3, AAC, AAC+, WMA, M4A, and MP4 files. To play music files in formats other than MP3 use the **Sounds** option of the **Media Gallery** menu (see page 93). However, the **Sounds** option doesn't have all of the music player capabilities.

Some wireless providers offer music that you can buy and download from a



Web site. Contact your wireless provider for more information.

transfer songs

You can load music directly on to your phone or on to a removable memory card. If you don't have a memory card, the music player stores music on the phone. If you have a memory card in your phone, the music player stores music on it.



Tip: Although your phone can hold enough songs for a short morning commute, using the extra storage space of a memory card is a must for a music lover.

Note: You cannot send, copy, or change copyrighted files. If you download a

copyrighted file and store it on your memory card, you can use the file only while your memory card is inserted in your phone.

transfer songs to your phone

To load music on your phone, you need a USB cable and Motorola Phone Tools version 4.4.2c or later. Motorola Phone Tools is available for purchase at: http://direct.motorola.com/ens/MPT/MPT_Feature.asp.

- 1 On your computer**, install Motorola Phone Tools version 4.3.6c or later.
- 2 On your phone**, set the connection type to **Default: Modem/COM** by pressing 
>  **Settings** > **Connections** > **USB Settings** > **Default: Modem/COM.c**.
- 3** Connect your phone to the computer by using the USB cable.

4 On your phone, use the Phone Setup Wizard to set up your phone to use Motorola Phone Tools.

5 On your computer, choose **Multimedia Studio** and select **File Transfer Studio**.

6 On your computer, browse for the music file that you want and click "Transfer to phone."

transfer songs to your memory card

You can add music to the removable memory card by connecting your phone to a computer via a USB cable.

- 1** Insert the removable microSD card into your phone (see page 31).

Note: If the memory card has never been used before, you must format it before you can use it. To format it, press 
>  **Settings** > **Phone Status** > **Storage Devices** >

Memory Card Options > and then press **Options** > **Format** > **Yes**.

- 2 Set your phone to mass storage mode by pressing **Settings** > **Connections** > **USB Settings** > **USB Drive**.
- 3 Connect the phone to your computer using the USB data cable.

On your computer, your phone appears as a new removable memory device in the "My Computer" directory.

- 4 **On your computer**, locate and double-click on the new removable memory device (your phone).
Caution: Your phone has directories called "Mobile" and "Motorola." Do not delete these required directories.
- 5 **On your computer**, drag and drop music files into the removable memory drive. All

content in this directory is saved on the removable memory card.

- 6 When you are finished selecting files on your computer, disconnect your phone by clicking the "safely remove hardware" and disconnect the phone from the USB cable.

import songs from an audio CD

To transfer music to your phone from a CD, you need Windows Media Player version 10 or later. You can download Windows Media Player from <http://www.microsoft.com/windows/windowsmedia/default.aspx>.

Note: You must change the format to MP3 in the Rip Settings. This can be found under Tools > Options > Rip Music > Under Rip settings change the Format to MP3.

- 1 **On your computer**, launch Windows Media Player.

- 2 Insert an audio CD into your computer's CD ROM drive.
- 3 In the Windows Media Player window, click on the "Rip" tab.
- 4 Highlight the songs you want to import and click "Rip Music."

The songs are imported to the Windows Media Player Library.

To transfer songs to your phone, see "transfer songs" on page 59.


update song list

After you load songs onto a memory card, you must let your phone scan for music to update the playlist.

Press  then press **Options** and **Search for songs**.

Note: Scanning for new songs can take several minutes depending on the size of your

memory card. If scanning takes more than five minutes, check your card to remove any spaces in the names of the artists, albums, titles, or years. Sometimes there's a space at the beginning of a word.

To turn scanning off, press  > **Scan Options** and select **ASK**, **NEVER**, or **ALWAYS**.

play music

To activate your phone's music player, press the music/camera key .

or

Open your phone and press  >  **Media Gallery** > **MP3 Player**.

Your phone displays the **My Music** menu:



The **My Music** menu includes:

| menu items | |
|------------------------|--|
| Playlists | Create or play a playlist. |
| Recently Played | View & play songs you played recently. |
| Artists | Find & play music by an artist. |

| menu items | |
|---------------|---|
| Albums | Find & play music from a specific album. |
| Songs | Find & play a song from the entire list of songs on your phone. |
| Genres | Find & play music from a specific genre (type of music) such as rock or jazz. |

Tip: When you're browsing through any of these lists, to quickly jump to an entry, press the first letter of the entry.



While a song is playing on the music player, your screen looks like this example:




When lit, indicates Shuffle turned on.

When lit, indicates Replay turned on.

Use these keys to control the music player:




| controls | |
|--------------------------|---|
| pause/play | Press & release the center key  . |
| fastforward ▶▶ | Press & hold  for at least two seconds. |

| controls | |
|---|--|
| skip to next song ▶▶ | Press & release  right . |
| rewind ◀◀ | Press & hold  left for at least two seconds. |
| skip back to previous song ◀◀ | Within first two seconds of song, press & release  left . |
| return to song beginning ◀◀ | After first two seconds of song, press & release  left . |
| scroll up/down | Press  up or down. |

| controls | |
|------------------------------|---|
| turn off music player | Press Back until you return to the My Music menu, then press Exit . |
| | or |
| | Press  . |


play music from a playlist

Find it:  > **Playlists**

- 1 Scroll to the playlist you want and press the center key .
 - 2 To play the entire playlist beginning with the first song, press the center key .
- or**
- To play one song, scroll to the song you want to play and press the center key .

Tip: To play all songs from all playlists, press  > **Playlists**. Press **Options**. Scroll to **Play** and press **Select**.




play music from the recently played list


Find it:  > **Recently Played**


Scroll to a song and press the center key .

find & play music by artist

Find it:  > **Artists**



- 1 Scroll to the artist you want and press the center key .
 - 2 Scroll to the album you want and press the center key .
 - 3 To play the entire album beginning with the first song, press the center key .
- or**

To play one song, scroll to the song you want to play and press the center key .


Tip: To play all songs, press  > **Artists**. Press **Options**. Scroll to the artist and press **Options**. Scroll to **Play** and press **Select**.


find & play music by album

Find it:  > **Albums**

- 1 Scroll to the album you want and press the center key .
- 2 To play the entire album beginning with the first song, press the center key .


or

To play one song, scroll to the song you want to play and press the center key .


Tip: To play all songs on an album, press  > **Albums**. Press **Options**. Scroll to **Play** and press **Select**.

find & play music by songs

Find it:  > **Songs**




To play all songs beginning with the first song on the list, press the center key .


or

To play one song, scroll to the song you want and press the center key .


find & play music by genre

Find it:  > **Genres**

- 1 Scroll to the genre you want and press the center key .
- 2 Scroll to the artist you want and press the center key .
- 3 Scroll to the album you want and press the center key .

4 To play the entire album beginning with the first song, press the center key .

or

To play one song, scroll to the song you want to play and press the center key .

Tip: To play all songs in a genre, press  > **Genres**. Press **Options**. Scroll to **Play** and press **Select**.

replay, shuffle, & other options

Press **Options** while using the music player to choose from these options:

| option | |
|--------------------|--|
| Now Playing | View the name of the song currently playing. |
| Hide | Hide the music player screen. |


| option | |
|----------------------|---|
| Play | Begin playing the current selection. |
| Resume | Pause/resume play. |
| Song Details | View information about the current selection. |
| Repeat | Replay one song (when you select a single song for play—does not play a playlist or album). |
| Shuffle | Play songs in random order. |
| Visualization | Select an animation to play with the music. |

| option | |
|--------------------------|--|
| Search? | <p>Set whether the player searches for new music on the memory card when you first activate the player:</p> <p>Always—Search automatically.</p> <p>Ask—Prompt you to begin or skip searching.</p> <p>Never—Do not allow a search when the player is activated.</p> |
| Search for Songs? | Search for new music on the memory card at any time while using the player. |
| About | View detailed information about the music player. |



wake up music player

While the music player is active, your phone may conserve battery power by turning off the display and keypad backlights if the slider is open (see page 40).

To turn display and lights back on:

| slider position | |
|-----------------|--|
| closed | Press the center key  . |
| open | Press a number key. |

turn off music player

| slider position | |
|-----------------|--|
| closed | Press  . |
| open | Press Back until you return to the My Music menu, then press Exit . or Press  . |

music player tips

- If you are navigating music player menus while a song is playing and don't press a key for more than twenty seconds, the player returns to the current song list screen.
- Turn off the player before connecting the phone to a computer. If you connect the phone to a computer while

the player is turned on, the phone automatically turns off the player.

- If you receive a call while playing music, the music is paused. Playing resumes when you end the call.
- If the music player is hidden, you can use other phone features. Using applications like the camera or video recorder pauses the music player. After you close the applications, the player resumes.
- If you use a headset with the phone while using the music player, the music plays through the headset. Music plays through the phone speaker when the headset is disconnected.



create & manage playlists


Personalize your music collection by creating your own playlists.


When you name a playlist:

- The name must be all lowercase characters.
- The name must be fewer than 32 characters.
- The name cannot include these characters:
/ \ : * ? < > | " !

Create a playlist:

Find it:  > **Playlists** > **[Create New Playlist]**

- 1 Enter a name for the playlist and press **Ok**.
- 2 Scroll to a desired song and press the center key .


When you select a song, a ✓ appears beside the song. (To unselect a song, scroll to the song and press the center key  again.)

Repeat this step until you have selected all songs you want to add to the playlist.


- 3 Press **Done** when you have finished adding songs.



Edit a playlist:

Find it:  > **Playlists**


- 1 Scroll to a desired playlist and press **Options**.
- 2 Scroll to **Edit Playlist** and press the center key .
- 3 Follow the steps for creating a playlist in the previous section.


Reorder a playlist:

Find it:  > **Playlists**

- 1 Scroll to **Options** and press the center key .
- 2 Scroll to **Reorder Playlist** and press the center key .
- 3 Scroll to the song whose position you want to change press **Grab**.
- 4 Scroll to the position in the playlist where you want to move the song, and press **Insert**.
- 5 Repeat these steps until you have reordered the playlist as you prefer.
- 6 Press **Done** to return to the **Playlists** menu.

Delete a playlist:

Find it:  > **Playlists**

- 1 Scroll to a desired playlist and press **Options**.
- 2 Scroll to **Delete Playlist** and press the center key .


- 3 When prompted to confirm the deletion, press **Yes**.

take & send photo



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

Your camera lens is on the back of your phone when the phone is open (see page 3). **To get the clearest video clips, wipe the lens clean with a soft, dry cloth before you capture a video clip.**

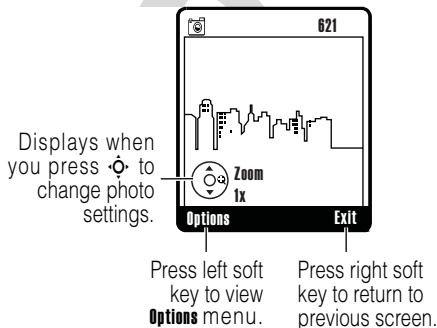
take & send photo


To activate your phone's camera, **press and hold** the music/camera key .

or

Open your phone and press  >  **Media Gallery** > **Camera**.

Your phone displays the active viewfinder image:




- 1 Point the camera lens at the subject.
Press  up and down **to select and adjust one of the following settings:**
Zoom—Increase or decrease image size.

Style—Set to **Color**, **Black and White**, **Antique**, or **Negative**.

Lighting Conditions—Set to **Automatic**, **Sunny**, **Cloudy**, **Indoor (Home)**, **Indoor (Office)**, or **Night**.

To view other options, press **Options** (see page 73).


- 2 Press the *center key* .
- 3 Press **Options**, then select **Store Only** to save the photo, **Discard** to discard the photo, or **Print** to print the photo using a Bluetooth connection.

or

Press **Send** to save the photo and go to the **Send Options** screen. Then select **Send in Message** or **Send to Online Album**.

adjust camera settings

When the camera is active, press **Options** to view and select these options:

| option | |
|------------------------------|---|
| Go To Pictures | View pictures and photos stored on your phone. |
| Go To Video Mode | Switch to the video camera viewfinder. |
| Auto-Timed Capture | Set a timer for the camera to take a photo. |
| Camera Setup | Change Resolution or image Quality , or activate a Shutter Tone . |
| Switch Storage Device | Store photos in phone memory or on an optional memory card (see page 31).  |

| option | |
|----------------------|---|
| Free Space | See how much memory remains for storing pictures. |
| Capture Title | Assign a name to a captured photo. |

change screen orientation

When you turn on the camera with the slider closed, the view finder is in landscape mode. To use the camera in portrait mode, activate the camera with the slider closed.

record & play video clips

You can record a video clip with your phone and send it in a multimedia message to other wireless phone users.

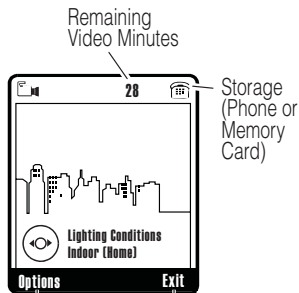
Your camera lens is on the back of your phone when the phone is open (see page 3). **To get the clearest video clips, wipe the lens clean with a soft, dry cloth before you capture a video clip.**

record a clip

To activate your phone's video camera:

Find it:  >  Media Gallery > Video Camera


The active video camera viewfinder image appears on your phone's screen:




Press left soft key to view **Options** menu.

Press right soft key to return to previous screen.

- 1 Point the camera lens at the video subject.

Press  left and right to specify lighting conditions (**Automatic, Sunny, Cloudy, Indoor (Home), Indoor (Office), or Night.**)

Press **Options** to view and select other options (see the next section).

- 2 Press the *center key*  to begin recording.
- 3 Press **Stop** to stop recording.
- 4 Press **Options**, then select **Store Only** to save the video clip or **Discard** to discard the clip.

or

Press **Send** to save the video clip and go to the **Send Options** screen. Then select **Send in Message** or **Send to Online Album**.

adjust video camera settings

When the video camera is active, press **Options** to view and select these options:

| option | |
|---------------------|--|
| Go To Videos | View video clips stored on your phone. |

| option | |
|------------------------------|---|
| Go To Photo Mode | Switch to the still photo camera viewfinder. |
| Video Camera Setup | Change Video Length or Recording Sound . |
| Switch Storage Device | Specify where you want to save video clips (phone memory or memory card). |
| Free Space | See how much memory remains for storing video clips. |

play video clip

To play a video clip stored on your phone:

Find it:  >  **Media Gallery** > **Videos**

Scroll to the clip you want to view and press the center key .

other features

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.

phonebook

features

create entry

 >  **Contacts** > **[New Entry]**

edit entry

 >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit Contact** and press **Select** to edit the entry. Press **Done** to save your changes.

You can also edit an entry just before calling the number by pressing **Options**, then scrolling to **Edit Before Call** and pressing **Select** to edit the entry.

features

delete entry

⬇️ > 📁 Contacts

Scroll to the entry and press **Options**, then scroll to **Delete Contact** and press **Select**.

set ringer ID for an entry

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

⬇️ > 📁 Contacts

Scroll to the entry and press **Options**, then scroll to **Edit Contact** and press **Select**. Scroll to **Ringer ID** and press the center key ⬇️. Scroll to the desired *ringer_name* and press **Select**, then press **Done** to save the setting.

Activate ringer IDs:

⬇️ > 📁 Ring Styles > *style* Detail > Ringer IDs

features

set picture ID for an entry

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

⬇️ > 📁 Contacts

Scroll to the entry and press **Options**, then scroll to **Edit Contact** and press **Select**. Scroll to **Picture** and press the center key ⬇️. Select either **Take Picture** to activate the camera or **Select Picture** to select from the pictures you already have. Press **Done** to save your choice.

set speed dial number

⬇️ > 📁 Contacts

Scroll to the entry and press **Options**, then scroll to **Add to Speed Dial** and press **Select**. Scroll to a number and press **Select**.

features

print entry

•◉ >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Print** and press **Select**. When prompted, select a Bluetooth printer or connect to a computer by using a USB cable. See page 58.

set entry view

List contacts by first or last name and view picture or list format.

•◉ >  **Contacts**

Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **Sort by** and select **First Name** or **Last Name**. Scroll to **View by** and select **List** or **Picture**. Press **Done** to save your selection.

features

set category for an entry

•◉ >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit Contact** and press **Select**. Scroll to **Category**, then scroll to and select a category. Press **Done** to save your selection.

create mailing list

Create a message list (mailing list) as a single Contacts entry:

•◉ >  **Contacts** > **[New Entry]** > **Options**
> **Create New** > **Message List**

You can add or delete entries to or from a message list. When you send a message to a message list, the message goes to all Contacts entries in that list.

features

sort entries

You can show **All** entries, entries in a predefined category, or entries in a category you create.

•◂ >  **Contacts**

Press **Options**, then scroll to **Filter by** and press **Select**. Choose from **All Phone Contacts**, **Email**, or **Category** and press the center key •◂. Press **Exit** to save your selection.

manage entries

•◂ >  **Contacts**

Press **Options**, then scroll to **Manage Contacts** and press **Select**. Choose **Speed Dial** to manage all speed dial entries, **Edit Categories** to manage all categories, or **Phone Capacity** to see how much space you have used for entries.

messages

features

send text message



•◂ >  **Messaging** > **Create Message**

Press **Options** to perform various actions on the message.

You can also select a contact first, press **Options**, and select **Send Message** to compose a message.

use MMS template



Open an MMS template with preloaded media:

•◂ >  **Messaging** > **Create Message**
> **Picture Msg Templates**

features

view sent messages



•◉ > ✉ Messaging > Outbox

Scroll to the message and press **Open** (OK).

Press **Options** to perform various actions on the message.

send 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.

•◉ > ✉ Messaging > Quick Text

Scroll to the quick text you want to send and press **Options**, then scroll to **Send** and press **Select**.

features

read received messages



•◉ > ✉ Messaging > Inbox

Scroll to the message and press **Open** (OK).

Press **Options** to perform various actions on the message.

drafts



View messages saved in **Drafts** folder:

•◉ > ✉ Messaging > Drafts

Scroll to the message and press **Open** (•◉).

Press **Options** to perform various actions on the message.

features

erase messages



Delete all messages or only messages from the **Outbox** or **Drafts** folder:

 >  **Messaging**

Press **Options**, then scroll to and select **Erase Messages**. Then select **All**, **Outbox**, or **Drafts**.

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.

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:  >  **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

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:  >  Settings > Personalize > Voice Dial Setup > Reset Digits

more personalizing features

| |
|---|
| features |
| ring volume |
|  >  Ring Styles > <i>Style Detail</i> > Ring Volume |
| keypad volume |
|  >  Ring Styles > <i>Style Detail</i> > Key Volume |

| |
|--|
| features |
| reminders |
| Set your phone to play reminder alerts for picture, text, or voicemail messages that you receive:  >  Ring Styles > <i>Style Detail</i> > Reminders |
| skin |
| Choose a phone <i>skin</i> that sets the look and feel of your phone's screen:  >  Settings > Personalize > Skin |
| greeting |
| Change the greeting that appears when you turn on your phone:  |
|  >  Settings > Personalize > Greeting |
| change home screen soft key labels |
|  >  Settings > Personalize > Home Screen > Home Keys > Left Soft Key or Right Soft Key |

features

banner

Create a heading to display on your phone's home screen:

•◂ > ⚙ Settings > Personalize > Main Menu
> Banner

text layout

Set home screen text to be left justified or centered:

•◂ > ⚙ Settings > Personalize > Home Screen
> Layout

clock view

Display an analog clock or digital time readout in the home screen:

•◂ > ⚙ Settings > Personalize > Home Screen
> Clock

features

menu view

Display the main menu as icons or a text list:

•◂ > ⚙ Settings > Personalize > Main Menu > View

show or hide menu icons

Show or hide menu feature icons in the home screen:

•◂ > ⚙ Settings > Personalize > Home Screen
> Home Keys > Icons

menu language

•◂ > ⚙ Settings > Initial Setup > Language

scroll

Set the scroll bar to stop or wrap around in menu lists:

•◂ > ⚙ Settings > Initial Setup > Scroll

features

master reset

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

•> Settings > Initial Setup > Master Reset

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

features

master clear


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

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.

•> 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

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

features

view call times

 >  Recent Calls > Call Times

Scroll to **Last Call, Dialed, Received, All Calls, or Lifetime Calls**, and press **Select**.

view data times

 >  Recent Calls > Data Times



view data volumes










 >  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 the up or down volume keys. | |
| external speakerphone |  |
| Activate a connected external speakerphone during a call: Press the smart/speakerphone key on the side of the phone. | |

| features | |
|--|---|
| 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 | |

features

power-off delay

(car kit)



Set the phone to stay on for a period of time after the ignition is switched off:

📶 > ⚙️ **Settings** > **Car Settings** > **Power-off Delay**

charger time

(car kit)



Charge your phone for a period of time after the ignition is switched off:

📶 > ⚙️ **Settings** > **Car Settings** > **Charger Time**

data & fax calls

features

data settings

Specify call type for next call:

📶 > ⚙️ **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.

receive data or fax



Connect your phone to the device, then answer the call through the device.

features

talk then fax



Connect your phone to the device, then:

•◉ > **Dialing Menu** > **Talk Then Fax**

Press  to make the call.

network

features

network settings



View network information and adjust network settings:

•◉ >  **Settings** > **Network Options**

personal organizer

features

add datebook event



•◉ >  **Tools** >  **Datebook**

Scroll to the desired day and press **Options**, then scroll to **New** and press **Select**.

view datebook event



View or edit event details:

•◉ >  **Tools** >  **Datebook**

Scroll to the desired day and press •◉, then scroll to the event and press •◉.

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:


 >  Tools >  Datebook

Scroll to the desired day and press , then scroll to the event and press **Options**. Scroll to **Copy** and press **Select**.

set alarm

 >  Tools > Alarm Clock

turn off alarm

To turn off an alarm, press **Disable** or .

To set an eight-minute delay, press **SNOOZE**.

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

 >  Tools >  Voice Records

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

calculator

Calculate numbers:

 >  Tools > Calculator

features

convert currency



☛ > 🗂️ 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

☛ > ⚙️ 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**.

features

restrict calls

Restrict outgoing or incoming calls:

☛ > ⚙️ Settings > Security > Restrict Calls

When prompted, enter the unlock code and press **Ok**. Select **Outgoing Calls** or **Incoming Calls** and press **Change**. With **Allow:** highlighted, press **Change**, then select **All**, **None**, or **Contacts**, and press **Select**.

change unlock and security codes

☛ > ⚙️ Settings > Security > New Passwords
> Unlock Code or Security Code

control location

Set up a location code to control access to the **Location** function:

☛ > ⚙️ Settings > Security > New Passwords
> Location Code

fun & games

features

launch browser

Start a browser session:



Note: The menu option on your phone for starting a browser session may be different than the one shown above.



features

manage pictures



•◂◃ >  Media Gallery > Pictures

To view a picture, scroll to the picture title and press •◂◃.

Press **Options** to open the **Pictures Menu**, which can include the following options: **Send In Message, Send to online album, Apply As, Zoom, New, Details, Change Details, Delete, Move, Copy, Mark, Mark All, Assign to Category, View Free Space.**

Note: The **Pictures Menu** includes different options for locked or preloaded images.

features

manage sounds



Manage sounds and create playlists:

⋮ >  **Media Gallery** > **Sounds**

To play a sound, scroll to the sound title and press ⋮.

To create a playlist, scroll to **[New Playlist]** and press ⋮.

Press **Options** to open the **Sounds Menu**, which can include the following options: **New, Categories, Sounds Setup, View Free Space.**

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 (TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

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 1.23 W/kg, and when worn on the body, as described in this user guide, is 1.07 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.



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.





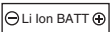


Batteries and Chargers

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.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

DRAFT

FCC Notice To Users

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.

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. |

| 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. |

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.

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.

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.

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:

[direct.motorola.com/hellomoto/
Motosupport/source/registration.asp](http://direct.motorola.com/hellomoto/Motosupport/source/registration.asp)

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.

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 mobile device can be recycled. Recycling your mobile device 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 mobile devices and have taken steps to promote the collection and environmentally sound recycling of end-of-life devices.

As a mobile device user, you have an important role in ensuring that this device is recycled properly. When it comes time to give this mobile device up or trade it in for a new one, please remember that the mobile device, 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:

[recycling.motorola.young-america.com/
index.html](http://recycling.motorola.young-america.com/index.html)

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate."

There is no special handling required by consumers.

Smart Practices While Driving

Drive Safe, Call SmartSM

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. Go to 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.*
- **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.*

* Wherever wireless phone service is available.

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U.S. patent Re. 34,976

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