

APPLICANT: MOTOROLA, INC.

FCC ID: IHDT56FB1

INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:



MOTOMANUAL

ROKR_{E2}
GSM

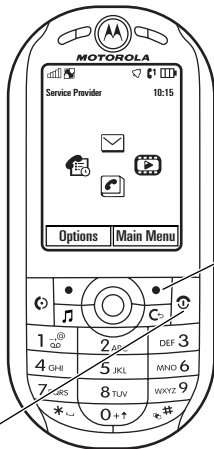
motorola.com

HELLOMOTO

Introducing your new Motorola ROKR E2 GSM wireless phone. Here's a quick anatomy lesson.

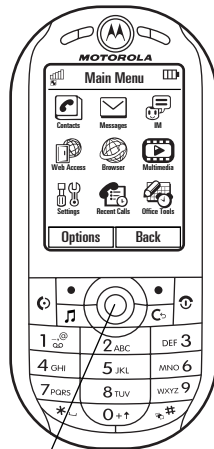


Home Screen



- ① Press and hold the **Power Key**  for a few seconds to turn on your phone.

Main Menu



- ② Press the **Main Menu** soft key to open the **Main Menu**.

- ③ Press the Navigation Key **up, down, left, or right** () to highlight a menu feature. Press the Navigation Key **in** () to select it.

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

www.hellomoto.com

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

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

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Manual Number: 68XXXXX119-0

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menu map

main menu



Contacts



Messages

- Create Message
- Inbox
- My Folder
- Templates
- Drafts
- Outbox
- Create Postcard
- Send Online Storage *
- IM *
- Email
- Call Voicemail



IM



Web Access

- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To Page
- Browser Setup
- Web Sessions *



Multimedia

- Voice Recorder
- Camera
- Video Camera
- Games
- FM Radio
- Media Player



Settings

- (see next page)



Recent Calls



Office Tools

- Help
- MOTOSYNC
- Calculator
- Modem
- Calendar
- World Clock
- Customer Services *
- Alarm Clock
- Bluetooth
- Task List
- File Manager
- Download Manager
- Email
- Notepad
- Dialing Services
 - Fixed Dial
 - Service Dial *

Tip: Press to change the main menu to a list view and back. For feature help, press the **Main Menu** key
> **Office Tools** > **Help**.

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

* optional features

settings menu

- **Profiles**
 - Normal
 - Vibrate
 - Silent
 - Meeting
 - Airplane Mode
 - Sleeping
 - Active
 - Car
- **Phone Settings**
 - Display Settings
 - Backlight Timeout
 - Display Timeout
 - Screensaver Timeout
 - Brightness
 - Battery Meter
 - Battery Save
 - Time & Date
 - Language
 - Talking Phone
 - Text Entry
 - Reset
 - Reset All Settings
 - Delete All Data
 - Delete Memory Cards
 - Properties
 - Java System
 - Software Update
 - Headset Settings
 - Auto-Answer
 - Voice Dial
 - TTY Settings
- **Network**
 - Current Network
 - Scan Available Networks
 - Search For New Network
 - My Network List
 - Search Setup
 - Service Tone
- **Call Settings**
 - Speed Dial
 - Call Forward
 - In-Call Setup
 - My Caller ID
 - Call Waiting
 - In-Call Message Alert
 - In-Call Timer
 - Answer Options
 - Auto Redial
 - Roam Alert
 - DTMF
 - Fixed Dialing
 - Call Drop Tone
 - My SIM Number
- **Themes**
- **Data Connections**
 - Add New Connection
 - Edit Existing Connection
 - Remove Connection
- **Connections**
 - Bluetooth
 - Modem
 - USB Settings
 - Data Connections
- **Security**
 - Phone Lock
 - Application Lock
 - SIM PIN Lock
 - Change Passwords

Tip: You can press number keys to select options that have numbers next to them.

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

* optional features

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.

* The information provided in this document supersedes the general safety information in user's guides published prior to September 1, 2005.

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

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

External Antenna Care

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

complying with local regulatory requirements in your country.

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

Product Operation

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

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

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

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

RF Energy Interference/Compatibility

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

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

Follow Instructions to Avoid Interference Problems

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

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

Pacemakers

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

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.

- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Driving Precautions

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

When using your mobile device while driving, please:

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

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola website:

www.motorola.com/callsmart.

Operational Warnings

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

Automobile Air Bags

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

Potentially Explosive Atmospheres

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

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

Damaged Products

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

Batteries and Chargers

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.

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.

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.

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.

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with

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

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

IMEI: 350034/40/394721/9

CE0168

Type: MC2-41H14

Product
Approval
Number

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

Caring for the Environment by Recycling



When you see this symbol on a Motorola product, do not dispose the product with household waste.

Recycling Mobile Phones and Accessories

Do not dispose of mobile phones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details. If collection systems aren't available, return unwanted mobile phones or electrical accessories to any Motorola Approved Service Centre in your region.

essentials

about this guide

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

Find it: Press **Main Menu** >  **Office Tools**
> **Calculator**

This example shows that, from the home screen, you press the **Main Menu** soft key to open the menu, scroll to and select  **Office Tools**, then scroll to and select **Calculator**.

Press the navigation key *up, down, left, or right*  to scroll to a menu feature. Press the navigation key *in*  to select the highlighted menu feature.

symbols



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



This means a feature requires an optional accessory.

SIM card

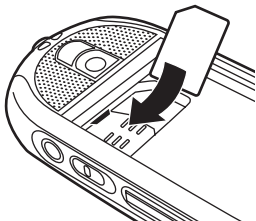
Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone

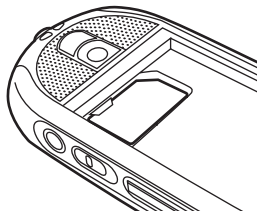
number and phonebook entries. It can also contain your voicemail, text message, and Internet access settings. If you put your SIM card in another phone, that phone uses your phone number.

Insert the SIM card with the gold plate facing down and the notch in the upper right corner as shown:

1



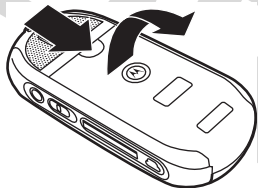
2



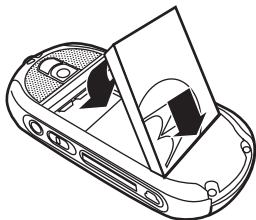
battery

battery installation

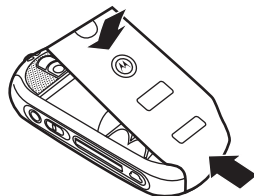
- 1 Pull the release button down and hold it there while you lift up the battery door.



2



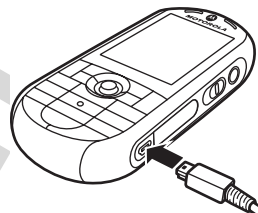
3



battery charging

New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet.

Your phone might take several seconds to start charging the battery. Your display shows **Charge Complete** when finished.



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

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



battery tips

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

- Always use Motorola Original batteries and chargers. The warranty



does not cover damage caused by non-Motorola batteries and/or chargers.

- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



Contact your local recycling center for proper battery disposal.

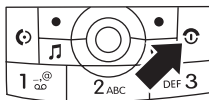
Warning: Never dispose of batteries in a fire because they may explode.

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

turn it on & off

Caution: Some phones ask for your SIM card PIN code when you turn them on. If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your display shows **SIM Blocked**. Contact your service provider.

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



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

make a call

Enter a phone number and press  to make a call.

To “hang up,” press .

answer a call

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

To “hang up,” press .

store a phone number in the contact list

You can store a phone number in your **Contacts** list.

Note: You can store a contact in phone memory or on your SIM card. You can't set a picture ID or special alerts for contacts stored on the SIM card. To change your default save location to phone, SIM card, or both, see page 68.

- 1 Enter a phone number in the home screen.
- 2 Press the **Save** key.
- 3 Enter a name for the phone number, and specify the number type if necessary. To select a highlighted item, press the *navigation key in* .
- 4 Press the **Save** key to store the contact.

To edit or store additional information about the contact, see page 69. To delete a contact, see page 72.

call a stored phone number

Find it: Press the **Main Menu** key >  **Contacts**

- 1 Scroll to the contact.

Shortcut: In the contact list, press keypad keys to enter the first letters of the contact you want. Press the *navigation key in*  to go to the contact.

- 2 Press  to call the contact.

your phone number

To see your phone number from the home screen, press the **Main Menu** key >  **Settings** > **Call Settings** > **My SIM Number**.

To see your phone number while you're on a call, press the **Options** key > **My Tel. Numbers**.

To store or edit your name and phone number on your SIM card, select the field you want to edit. If you don't know your phone number, contact your service provider.

DRAFT

main attractions

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

audio player

Your phone can play and store audio files (for a list of formats, see page 33).



You can use a removable memory card with your phone to store more songs (see page 31).

Note: You can use any stereo headset with a 3.5 mm plug. For best performance, use a Motorola Original headset or a headset with an impedance rating between 16-32 ohm.

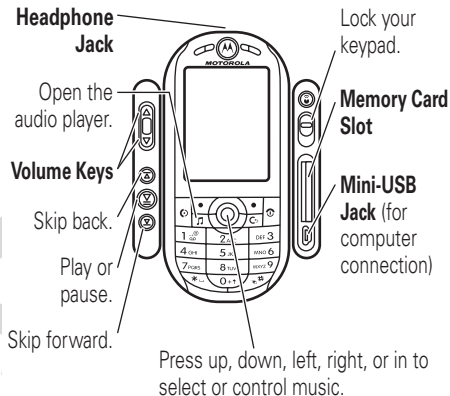


Find it: Press . Then, press up or down to scroll to an option, and press the navigation key in to select the option:

options	
New Ringtone	Download a new ringtone from the Web.
All	Show and play individual songs. Note: All of your phone's songs appear in the All list. Some songs do not have any Artist , Album , or Genre information stored, so they don't appear in those lists.
Playlists	Create or play a playlist of songs (see page 27).
Recently Played	See songs you recently played.

options	
Albums	Select an album to show or play its songs.
Artists	Select an artist to show or play their songs.
Composers	Select a composer to show or play their songs.
Genres	Select a type of music to show or play songs.
Preloaded Ringtones	Show and play your standard ringtones.

You can control playback with the keys on the left side of your phone, or with your navigation key.



Press up to play or pause. Press down to stop. Press right or left to go forward or back.

If you receive a call during a song, the song pauses until the call is over. You can hear the call through your headphones and speak into the microphone on your phone (or the microphone on your headphones, if available).

During a song, you can press the **Options** key to show these options:

options	
Hide	Hide the audio player while music plays. To see the audio player again, press  .
Manage	Show song Properties , such as file size.
Send to	Attach the song to a message, copy it to your memory card, or send it over a Bluetooth™ connection.
Apply to	Add the song to a playlist or make it a ringtone.

options	
Setup	Customize settings (see page 28).

load music files

To download songs from the Web, see page 87. To copy files between your phone and a computer, see page 32. For a list of the file formats your phone can play, see page 33.

add music files to a playlist

Find it: Press . Then, press  up or down to scroll to a folder (such as **All**), and press the *navigation key in*  to open the folder:

- 1 Scroll to a song you want to add to the playlist.

Tip: To select multiple songs for the list, press the **Options** key and select **Select Multiple**. Your phone shows a song list

where you can scroll to songs you want to add and press the *navigation key* in  to select them.

- 2 Press the **Options** key and select **Apply to > Playlist**. Your phone shows a list of playlists.
- 3 Scroll to an existing playlist.
To create a new playlist, press the **Options** key and select **New Playlist**. Enter a name for the playlist and press the **OK** key.
- 4 Press the **Apply** key.
- 5 Repeat the procedure to add more songs, or press the **Back** key to return to the  menu.

To hear a playlist, press  > **Playlists**. Scroll to the playlist, press the **Options** key, and select **Play**.

customize audio player

Find it: Press , press the **Options** key, and select **Setup**. You can change:

options	
Shuffle	Play songs in a random order.
Scan	Play only the first 10 seconds of each song.
Equalizer	Choose a setting (such as Techno or Reggae) to customize sound.
End Call	If you receive a call during a song, the song pauses. When the call is done, this setting makes the song resume playing (Auto-Play) or stay paused (Pause).
Background Image	Select an image for the audio player background.
Stereo Effect Settings	Set Spatial Audio and Bass Boost to customize sound.

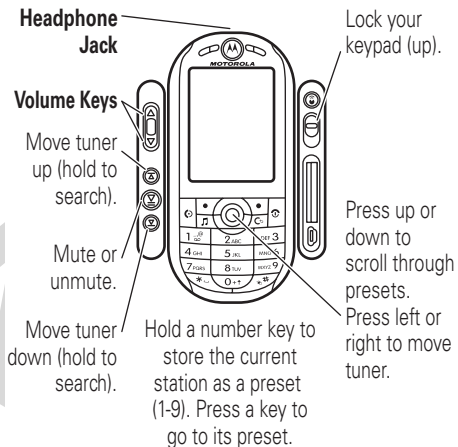
options	
Internet Connection	Choose the Internet connection profile for the New Ringtone link on the  menu.

If you highlight a song in a song list and press the **Options** key, you may also see options for the song and list such as **Delete**, **Rename**, **Purchase**, **Send to**, **Apply to**, and **Sort by**.

FM radio

To listen to an FM radio station on your phone, plug in a headset and:

Find it: Press the **Main Menu** key >  **Multimedia** > **FM Radio**.



Note: You can use any stereo headset with a 3.5 mm plug. For best performance, use a Motorola



Original headset or a headset with an impedance rating between 16-32 ohm.

Press the **Options** key for these options:

options	
Hide	Hide the radio display while it is on. To see the radio display again, press the Main Menu key >  Multimedia > FM Radio
Mute / Unmute	Mute or unmute the radio.
Switch to Speaker	Switch sound to your phone speaker.
Switch Bands	Switch to FM1 , FM2 , or FM3 . Each band stores presets 1-9.
Scanning	Briefly hear each station your phone can receive.
Scan Presets	Briefly hear each station stored as a preset.

options

Presets List See the list of preset stations for the current band. To rename a preset, scroll to it and press the **Options** key.

To turn off the radio, press  in the radio display.

airplane mode

Airplane mode turns off your phone's calling features in locations where wireless phone use is prohibited. You can use the phone's iTunes® music player and other non-calling features in airplane mode.

To set airplane mode:

Find it: Press the **Main Menu** key >  **Settings** > **Profiles** > **Airplane Mode**

When airplane mode is active, the airplane mode indicator ➤ shows in the top left corner of the display. To reactivate your phones calling features, return to the **Profiles** menu and select a different profile.

memory card

You can use a removable memory card with your phone to store and retrieve multimedia objects (such as photos and sounds). Your phone can use SD cards with up to a 2 GB capacity.

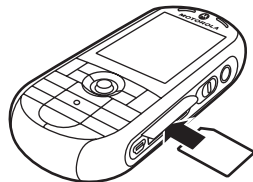


Note: If you download a copyrighted file and store it on your memory card, you can use the file only while your memory card is inserted in your phone. You cannot send, copy, or change copyrighted files.

install a memory card

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

While lifting the memory card door, press the card into its slot until it clicks into place. Do not remove your memory card while your phone is using it or writing files on it.



To remove the memory card, push the card in until it clicks. It begins to slide out, and you can slide it the rest of the way out.

see memory card contents

To see files stored on the memory card, press the **Main Menu** key >  **Office Tools** > **File Manager**, then choose the memory card icon ().

Tip: Is the memory card icon () missing? Try turning your phone off, then on again. Then, return to the **File Manager** list.

To refresh the list of items on your memory card, press the **Main Menu** key >  **Multimedia** > **Media Player**. If your phone does not prompt you to refresh the list, press the **Options** key > **Refresh**.

copy files from the phone to the memory card

You can copy files (such as pictures and photos, video clips, and sound files) from your phone to the memory card.

Find it: Press the **Main Menu** key >  **Office Tools** > **File Manager**.

- 1 Select a folder and scroll to the file you want to copy.
- 2 Press the **Options** key > **Send to** > **Memory Card**.

Note: The **Send to** option does not appear if the highlighted file is copyright-protected.

Tip: Did your phone say the memory card is not available? Try turning your phone off, then on again. Then, try to copy the file again.

connect the memory card to a computer

You can connect your phone to a computer to transfer files to and from the memory card.

Note: When your phone is connected to a computer, you can access the memory card only through the computer.

On your phone:

Press the **Main Menu** key >  **Settings** > **Connections** > **USB Settings** > **Memory Card**. The **Memory Card** option might already be selected.

This directs the USB connection to your memory card. Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer. Then follow these steps:



On your computer:

- 1 Find where your phone's memory card displays as a "Removable Disk" icon. On a PC this is the "My Computer" window. On a Mac it's on the desktop.
- 2 Double-click the "Removable Disk" icon to access the files on your phone's memory card.

- 3 To store the desired files onto the memory card, drag and drop them onto the removable disk drive icon.
- 4 When you finish, remove the phone with memory card safely from your computer:

If you are using a PC, right-click the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen. Then select "USB Mass Storage Device".

If you are using a Mac, select and drag the "Removable Disk" icon to the "Trash."

file formats that work on your phone

Before you copy files to your phone, make sure the files are in a format that your phone recognizes:

audio	AAC (up to 192 Kbps), AAC+ (16 to 128 Kbps), MP3 (up to 320 Kbps, WAV (no limit), WMA v9 L2, v3, v7, v8 (up to 160 Kbps), Real Audio G2, 8 (up to 96 Kbps), Real Audio 10 (up to 192 Kbps)
photo	.jpg (up to 640 x 480), .png, .bmp, .gif, .wbmp, .ems (up to 320 x 240)
video	MPEG4 + AAC: video up to 296 Kbps, 320 x 240, 15 fps., 44 kHz, stereo audio in .mp4, 3gp, .pvs, .pvp, .pvx file formats. H.263 + AAC: video up to 296 Kbps, 320 x 240, 15 fps., 44 kHz, stereo audio in .mp4, 3gp, .pvs, .pvp, .pvx file formats. Real Audio + video: video up to 296 Kbps, 320 x 240, 15 fps., 44 kHz, stereo audio in .rm, .rmvb file formats.

voice commands

You can use voice commands to make calls, open phone applications, and perform basic phone functions.

Note: Not all phone languages support voice recognition and voice commands.

voice dial a call

You can dial an entry in your contacts list by speaking the entry's name, or dial any phone number by speaking its digits.

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

- 1 Press and release  on the right side of your phone.

Your phone prompts you to say a command or name.

- 2 Say the name of an entry in your contacts list.

or

Say "Dial Number" and speak the digits in the phone number you want to dial.

If your phone recognizes the name or number, it makes the call.

Notes:

- Your phone may prompt you to repeat a name or number. If the name/number isn't valid, the phone doesn't make the call.
- If the phone doesn't recognize the name or number, the display shows a list of names/numbers, asks, "Did you say ...," and highlights the first item in the list. Say "Yes" to call the

highlighted number, or "No" to go to the next list item.

To select the name or number manually, scroll to the name/number on the list and press the *navigation key* in .

voice activate phone functions

You can use voice commands to open some applications (for example, "Open Camera") or perform many basic phone functions (for example, "Send Message To <Name>"). Press and release  to see a complete list of voice commands.

To perform a voice command:

- 1 Press and release  on the right side of your phone.

Your phone prompts you to say a command or name.

2 Say the command.

If your phone recognizes the command, it performs the command.

talking phone

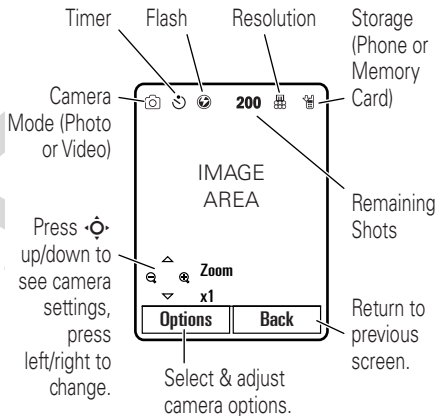
You can set your phone to recite incoming caller ID information, read the names of menu features or entries on your contacts list, read messages you receive, and provide audio feedback for other phone functions.

Find it: Press the **Main Menu** key > **Settings**
> **Phone Settings** > **Talking Phone**

photos

take a photo

Press the **Main Menu** key  > **Multimedia** > **Camera** to see the camera viewfinder.



Tip: To take photos in low-light settings, press the **Options** key > **Flash** > *flash option* to use the built-in flash.

- 1 Point the camera lens at the photo subject.
- 2 Press the *navigation key* in  to take a photo.
- 3 Press the **Send** key to send the photo in a multimedia message.

or

Press the **Options** key to select another option: **Save Only**, **Discard**, **Send To**, **Apply To**, or **Edit**.

To see a picture you saved, press the **Main Menu** key >  **Office Tools** > **File Manager** > **Pictures**.

Note: You can't assign a photo to a phonebook entry stored on the SIM card.

camera settings

When the camera viewfinder is active, press the **Options** key to select or adjust camera options:

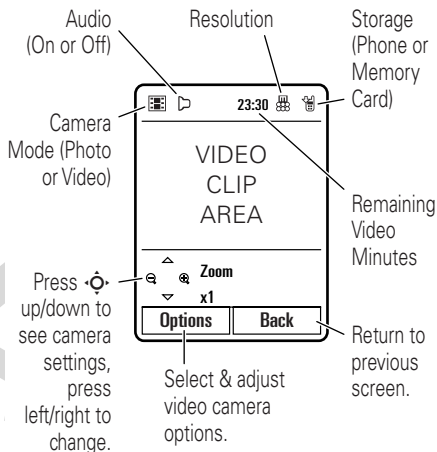
options	
Capture	Take a photo.
Go To My Media	See, edit, and delete stored pictures and photos.
Video Mode	Switch to the video camera.
Flash	Activate a flash option to take photos in low-light settings.
Auto- Timer	Set a timer for the camera to take a photo.
Multi- Shot	Set the camera to take multiple photos in sequence.
Camera Settings	Set photo resolution and picture quality.

video clips

record a video clip

Press the **Main Menu** key >  **Multimedia**
> **Video Camera** to see the video camera

viewfinder.



Note: You can zoom only before you start recording.

Tip: If you want to send your video in an MMS message, the video length must be set to **MMS Short** or **MMS Long**. To set length, press the **Options** key > **Camera Settings** > **Video Settings** > **Video Length**.

- 1 Point the camera lens at the video subject.
- 2 Press the *navigation key* in  to begin video recording.
- 3 Press the **Stop** key to stop video recording.
- 4 Press the **Send** key to send the video clip in a multimedia message.

or

Press the **Options** key to select another option: **Save Only**, **Discard**, **Send To**, or **Play**.

video settings

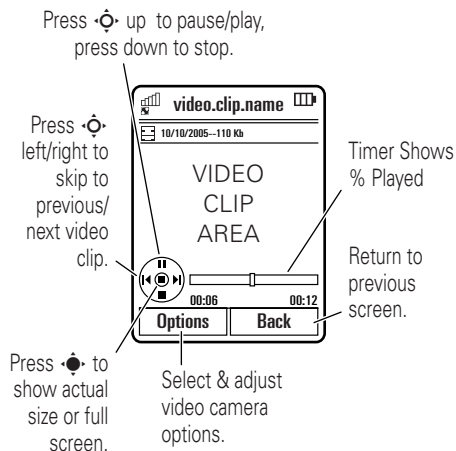
When the video camera viewfinder is active, press the **Options** key to select or adjust video camera options:

options	
Capture	Begin video recording.
Go To My Media	See, edit, and delete stored video clips.
Picture Mode	Switch to the photo camera.
Audio On/Off	Turn audio recording on/off.
Camera Settings	Adjust video camera and video clip settings, set video clip resolution, quality, and length.

play a video clip

Find it: Press the **Main Menu** key >  **Multimedia** > **Media Player** > **Videos** > *video clip*

The display shows the video clip in the playback screen.



Bluetooth® wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree calls. You can connect your phone with a phone or computer that supports Bluetooth connections to exchange files.



Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.

To change your Bluetooth device address, press the **Main Menu** key >  **Office Tools** > **Bluetooth**, press the **Options** key > **Manage** > **Setup Bluetooth** > **Properties** > **Device Address**. Your device address is the number that other Bluetooth devices use to identify your phone.

turn Bluetooth power on or off

Find it: Press the **Main Menu** key >  **Office Tools** > **Bluetooth**, press the **Options** key > **Manage** > **Setup Bluetooth** > **Bluetooth Power** > **On**

Note: To extend battery life, use this procedure to set Bluetooth power to **Off** when not in use. Your phone will not connect to another device until you set Bluetooth power back to **On** and connect your phone to the device again.

use a headset or handsfree car kit

Before you try to connect your phone to a handsfree device, make sure the device is **on** and **ready** in *pairing* or *bonding* mode (see the user's guide for the device). You can connect your phone with only one device at a time.

Find it: Press the **Main Menu** key >  **Office Tools** > **Bluetooth**, press the **Options** key > **Search For Devices** > **Headset**

Your phone lists the devices it finds within range.

- 1 Scroll to a device in the list.
- 2 Press the **Options** key > **Manage** > **Bond With Device** to connect to the device.

Your phone automatically uses **0000** as the passkey to bond with the device. If **0000**

does not work, your phone prompts you to enter the device's passkey.

When your phone is connected, the Bluetooth indicator  shows in the display.

Shortcut: When Bluetooth power is on, your phone can automatically connect to a handsfree device you have used before. Just turn on the device and move it near the phone.

copy files to another device

You can copy a photo, picture, video clip, sound file, phonebook entry, datebook event, or bookmark to another phone or computer that supports Bluetooth connections.

Note: You can't copy some copyrighted objects.

Before you try to copy a file to another device, make sure the receiving device is **on** and **ready** in discoverable mode.

- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press the **Options** key, then select:
 - **Send To > Bluetooth** for a photo, picture, video clip, or sound file.
 - **Send Contact Via > Bluetooth** for a phonebook entry.
 - **Share Event Via > Bluetooth** for a datebook event.
 - **Share Page Via > Bluetooth** for a bookmark.
- 3 Select a recognized device name, or **[Search For All Devices]** to search for an unrecognized device where you want to copy the object.

Note: Once you connect your phone to a Bluetooth device, that device can start a similar Bluetooth connection with your phone. Your display shows the Bluetooth indicator  when there is a Bluetooth connection.

receive files from another device

Before you try to receive a file from another device, make sure your phone's Bluetooth power is **on** (see page 41). For a list of file formats that work on your phone, see page 33.

- 1 Place your phone near the device, and send the file from the device.

If your phone and the sending device don't recognize each other, place your phone in discoverable mode so the sending device can locate it. Press the **Main Menu** key >  **Office Tools** > **Bluetooth**, press the **Options** key > **Find My Device**

- 2 Press the **Accept** key to accept a file from another device. Your phone notifies you when file transfer is complete. If

necessary, press the **Save** key to save the file to the appropriate location.

send a photo to a printer

You can send a photo to a printer that supports Bluetooth connections.

Note: You can print 4 x 6 or 8.5 x 11 size pages. To print another size, copy the object to a linked computer and print it from there.

- 1 On your phone, take a new photo or scroll to a stored photo that you want to print, then press the **Options** key > **Send To** > **Printer**.

Note: If you see **Service Not Supported** when you try to print, select **Manage** > **Copy** > **Bluetooth** instead. Always use this option to print 4x6 photos.

- 2 If available, modify print options.
- 3 Select a recognized printer name, or **[Search For All Devices]** to search for an

unrecognized printer where you want to send the object.

advanced Bluetooth features

A device is *recognized* after you connect to it once (see page 41).

features	
connect to recognized device	
Press the Main Menu key >  Office Tools > Bluetooth , press  left or right to select the My Devices list, > <i>device name</i>	
drop connection with device	
Scroll to the device name and press the Option key > Disconnect From Device .	
switch to headset or car kit during call	
Press the Options key > Use Bluetooth	

features

edit properties of recognized device



Scroll to the device name, press the **Options** key > **Manage** > **Edit Device**.

set Bluetooth options



Press the **Main Menu** key >  **Office Tools** > **Bluetooth**, press the **Options** key > **Manage** > **Setup Bluetooth**

synchronize phone information

You can use different methods to synchronize information between your phone and a server or external device:

- **MOTOSYNC with Exchange ActiveSync** (over-the-air connection)

with a Microsoft® Exchange Server 2003).

- **MOTOSYNC with SyncML** (over-the-air connection with a SyncML server).
- **Tethered Sync** (Bluetooth® wireless connection or USB cable connection to a PC using the Motorola mobile PhoneTools software accessory product)).

MOTOSYNC with Exchange ActiveSync

Use MOTOSYNC with Exchange ActiveSync to synchronize your phone's contacts, calendar, and email directly with your corporate Microsoft Exchange Server 2003. You can schedule when synchronization occurs, and select the type



and amount of information that's synchronized.

Find it: Press the **Main Menu** key >  **Office Tools** > **MOTOSYNC** > **Exchange ActiveSync**

If no Exchange ActiveSync profile is stored on your phone, the phone prompts you to create a profile. Contact your IT system administrator to obtain the information you need to set up a profile.

Once you store a profile, you can start synchronization. The first synchronization may take several minutes depending on the amount of data in your contacts list, calendar, and email on the Exchange 2003 server.

Note: If your phone cannot connect to the server, verify that your phone's network service provider has data service activated on your account (additional fees may apply for this service).

MOTOSYNC with SyncML

Use MOTOSYNC with SyncML to synchronize your contacts list, phone calendar, and tasks with a SyncML-compliant server.



Find it: Press the **Main Menu** key >  **Office Tools** > **MOTOSYNC** > **SyncML**

If no SyncML profile is stored on your phone, the phone prompts you to create a profile. Contact your synchronization service provider and phone network service provider to obtain the information you need to set up a profile.

Note: If your phone cannot connect to the server, verify that your phone's network service provider has data service activated on your account (additional fees may apply for this service).

tethered sync

You can connect your phone and PC using a Bluetooth wireless connection (see page 40) or a Motorola Original USB cable connected to your phone and PC.



Before you use a USB cable to sync your phone, set **Modem** as your USB default connection: Press the **Main Menu** key >  **Settings** > **Connections** > **USB Settings** > **Modem**.

Once your phone is connected to your PC, select the "Sync" option from the Motorola mobile PhoneTools software running on the PC.

Note: To synchronize or transfer data between your phone and PC, you must install the Motorola mobile PhoneTools software included with the Motorola Original data kit. See the mobile PhoneTools user's guide for more information. Motorola

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

DRAFT

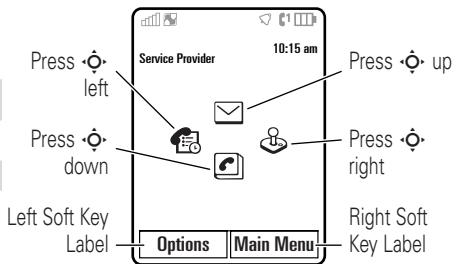
basics

See page 1 for a basic phone diagram.

Tip: Want some help? Press the **Main Menu** key >  **Office Tools** > **Help**. Use the icons in **Help** to find information about phone features.

display

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



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

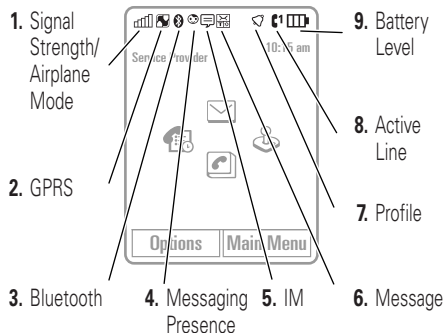
To dial a number from the home screen, press number keys and .

Press the **Main Menu** key to open the main menu. *Soft key labels* show the current soft key functions. For soft key locations, see page 1.

Press the **Options** key in the home screen to take a picture, create a text message, change the alert profile, or customize the appearance of the home screen.

Press **◂** up, down, left, or right in the home screen to open basic features. You can show or hide icons for these features in the home screen, and change the icons that are shown (for more information about changing icons in the home screen, see page 78).

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



- 1 Signal Strength/Airplane Mode Indicator** – Vertical bars show the strength of the network connection. You can't make or receive calls when the no signal indicator  or airplane mode indicator  shows. The roam indicator  shows.

(📶 or 📶) shows when your phone is seeking or using a network outside your home network.

- 2 GPRS Indicator** – Shows when your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. Indicators can include:

📶 = GPRS connection

📶 = GPRS data transfer

📶 = GPRS secure data transfer

📶 = GPRS unsecure data transfer

- 3 Bluetooth Indicator** – Shows when your phone is connected to another device in a Bluetooth connection.

- 4 Messaging Presence Indicator** – Shows your instant messaging (IM) status. Indicators can include:

😊 = online

😴 = offline

🙄 = busy

👤 = discrete

👤 = invisible to IM

- 5 IM Indicator** – Shows when you receive a new IM message.

- 6 Message Indicator** – Shows when you receive a new text or voicemail message.

- 7 Profile Indicator** – Shows the profile setting.

👤 = normal

✈️ = airplane

📶 = vibrate

👤 = sleeping

🔇 = silent

👤 = active

👤 = meeting

🚗 = car

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

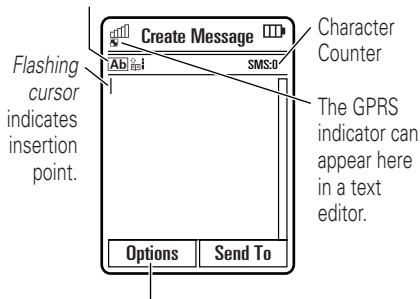
 = line 1 active  = line 2 active
 = line 1 call forward on  = line 2 call forward on

- 9 Battery Level Indicator** – Vertical bars show the battery charge level. Recharge the battery when your phone shows **Low Battery**.

text entry

Some features let you enter text. You can use several different text entry modes.

Press  to select a text entry mode.



Press the **Options** key to change text entry options.

text entry modes (press)



“word” mode (see page 52)

text entry modes (press )	
Ab	"abc" mode (see page 53)
123	numeric mode (see page 54)
!@	symbol mode (see page 54)

To change your text entry mode options, press the **Main Menu** key >  **Settings** > **Phone Settings** > **Text Entry**.

Change text case (⇧): Press  in a text entry screen to change text case to all capital letters (*), next letter capitalized (⇧), or next letter lowercase (no symbol). Your phone capitalizes the first letter of each sentence, unless you press  to choose next letter lowercase.

Set text prediction and completion (⇧i): Your phone can learn the words you enter, to improve text prediction and completion. In a text entry display, press the **Options** key > **Text Entry** > **Set Text Prediction** > **Learn My Words**. If

Learn My Words is active, you can also activate **Offer Completion** so that your phone guesses the rest of a word when you enter the first three letters. Your phone shows  when **Learn My Words** is active and  when **Offer Completion** is also active.

Enter punctuation: Press  to enter punctuation or other characters.

Edit or delete text: To edit text, press  to position the cursor to the right of text you want to edit. Press the *clear key*  to delete the character to the left of the cursor. Hold the *clear key*  to delete the word to the left of the cursor.

word mode

Press  in a text entry screen to switch to "word" predictive text entry mode. Your phone shows **Ab** in the display.

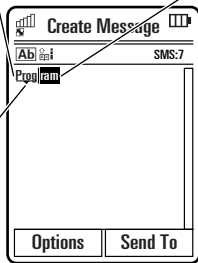
Word mode lets you enter words using one keypress per letter. The phone combines your keypresses into common words, and predicts each word as you enter it.

For example, if you press **7** **7** **6** **4**, your display shows:

Press **[X]** to enter **Prog** & a space.

Press **↑** or **↓** to see other words.

Press **●** to select one.



You can turn text completion on (i) or off (e).

Press **[C]** to delete character to left of cursor.

Press **●** to move the flashing cursor.

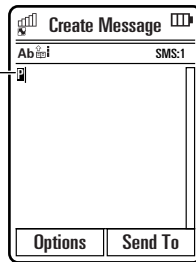
abc mode

Press **[#]** in a text entry screen to switch to "abc" text entry mode. Your phone shows **Ab** in the display.

To enter text, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press **7** one time, your display shows:

Character displays at insertion point.



After two seconds, character is accepted and cursor moves to next position.

Press **●** to move the flashing cursor.

numeric mode

Press **#** in a text entry screen until you see **123**. Press the number keys to enter the numbers you want.

Tip: Just need one number? To enter a number quickly, press and hold a number key until the number appears.

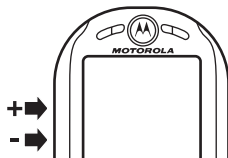
symbol mode

Press **#** in a text entry screen until you see **:@**. The display shows the symbol associated with each keypad key. Press **◀▶** up or down to see different symbols, or scroll to one you want. To insert a symbol, press its key, or scroll to it and press the *navigation key* in **◀▶**.

volume

Press the volume keys to:

- turn off an incoming call alert
- change the speaker volume when playing a song or video clip
- change the earpiece volume during a call
- change the ring profile from the home screen



handsfree speaker

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

During a call, press the **Options** key > **Speaker On** to turn the handsfree speaker on. Your display shows the speakerphone indicator until you turn it off (press the **Options** key > **Speaker Off**) or end the call.

codes & passwords

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

Find it: Press the **Main Menu** key >  **Settings** > **Security** > **Change Passwords**

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

If you forget your unlock code: At the **Please Verify the Unlock Code** prompt, try entering 1234 or the last four digits of your phone

number. If that doesn't work, press  and enter your six-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, 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.

To **manually lock** your phone: Press the **Main Menu** key >  **Settings** > **Security** > **Phone Lock** > **Lock Now**.

To **automatically lock** your phone whenever you turn it off: Press the **Main Menu** key >  **Settings** > **Security** > **Phone Lock** > **Lock at Power On** > **On**.

Note: You can make emergency calls on a locked phone (for more information, see page 64). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer.**

lock & unlock keypad

You can lock your keypad to prevent accidental key presses. Slide the keypad lock switch up to lock it, or down to unlock.



customize

profiles

You can quickly change your phone's alert profile to match your activity, environment, or personal requirements. Each profile uses a different set of sounds or vibrations for incoming calls and other events. The profile indicator shows at the top of the home screen:

 Normal

 Vibrate

 Silent

 Meeting

 Airplane Mode

 Sleeping

 Active

 Car

To change your profile, press the volume keys in the home screen.

Airplane Mode turns off your phone's calling features in locations where wireless phone use is prohibited. You can use the phone's music player and other non-calling features in airplane mode.

change alerts in a profile

You can change the alerts that a profiles uses to notify you of incoming calls and other events.

Note: You can't set an alert for the **Silent** profile, or change some settings for some profiles.

Find it: Press the **Main Menu** key >  **Settings** > **Profiles**, scroll to the profile, press the **Options** key > **View**

- 1 Scroll to the profile setting you want to change, then press the *navigation key* in .
- 2 Select the setting value you want.
- 3 Press the **Save** key to save your profile changes.

create a new profile

You can create a new ring style profile to set alerts for incoming calls and other events.

Find it: Press the **Main Menu** key >  **Settings** > **Profiles**, press the **Options** key > **Create New Profile**

time & date

Your phone needs to know the current time and date for the **Calendar**.

Find it: Press the **Main Menu** key >  **Settings** > **Phone Settings** > **Time & Date**

To **synchronize** the time and date with the network, > **Auto-Update Local Time** > **On**.

To **manually** set the time and date, turn off **Auto-Update Local Time**, then > **Time** and **Date**.

To change your **time zone**, > **Time Zone**, then select a city in your time zone.

themes

A *phone theme* is a group of image and sound files that you can apply to your phone. Most themes include a wallpaper image, screen saver image, and ring tones.



To **apply** a theme: Press the **Main Menu** key >  **Settings** > **Themes** > *theme*.

modify a theme

You can change the images and sounds that a theme applies to your phone.

Find it: Press the **Main Menu** key >  **Settings** > **Themes**, scroll to the theme, press the **Options** key > **Edit**

- 1 Press  left or right to select the  **sounds** menu or  **images** menu.
- 2 Press  up or down to scroll to the setting you want to change, then press the *navigation key* in .
- 3 Scroll to the image or sound file you want, then select it.
- 4 Press the **Save** key to save your theme changes.

The **Wallpaper** appears as a background image in your home screen.

The **Screen Saver** shows in the display when no activity is detected for a specified time.

Skins set the look and feel of your phone's display.

To **reset** a theme's default settings: Press the **Main Menu** key >  **Settings** > **Themes**, scroll to the theme, press the **Options** key > **Manage** > **Restore To Default**.

create a new theme

You can create a new theme that uses the images and sounds you specify.

Find it: Press the **Main Menu** key >  **Settings** > **Profiles**, press the **Options** key > **Create New** or **Create a Copy**.

To **delete** a theme you created: Press the **Main Menu** key >  **Settings** > **Themes**, scroll to the theme, press the **Options** key > **Manage** > **Delete**.

display appearance

To set your display **brightness**: Press the **Main Menu** key >  **Settings** > **Phone Settings** > **Display Settings** > **Brightness**.

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

Press the **Main Menu** key >  **Settings**
> **Phone Settings** > **Display Settings** > **Backlight Timeout**.

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

Press the **Main Menu** key >  **Settings**
> **Phone Settings** > **Display Settings** > **Display Timeout**.

To select the delay interval (period of inactivity) before the **screen saver** shows in the display:

Press the **Main Menu** key >  **Settings**
> **Phone Settings** > **Display Settings**
> **Screensaver Timeout**.

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

answer options

You can set your phone to answer incoming calls when you press any key (not just ):

Find it: Press the **Main Menu** key >  **Settings**
> **Call Settings** > **In-Call Setup** > **Answer Options** > **Any Key Answer**

calls

To make and answer calls, see page 22.

turn off a call alert

Press the volume keys to turn off a call alert before answering the call.

recent calls

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

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

Find it: Press the **Main Menu** key >  **Recent Calls**

- 1 Press the **Options** key > **View #s** to select a call list: **All Calls**, **Dialed Calls**, **Missed Calls**, or **Answered Calls**.
- 2 Scroll to a call. Icons indicate if the call was incoming  or outgoing , and if it connected .

 - To call the number, press .
 - To see call details (like time and date), press the *navigation key* in .
 - Press the **Options** key to select or adjust recent calls options:

options	
View by #	Select a call list.
Call	Call the number.

options	
Send Message	Open a new message with the number in the To field.
Save To Contacts	Create a new contact for the number, or update the number for an existing contact.
Delete	Delete the number from the call list.
Select Multiple	Select multiple numbers to delete or send a message.
Hide ID/Show ID	Hide or show your caller ID for the next call.

To select or adjust call times and costs, see page 79.

redial

- 1 Press  from the home screen to see the **Dialed Calls** list.

- 2 Scroll to the number you want to call, then press .

If you hear a **busy signal** and you see **Call Failed**, press  or the **Retry** key to redial the number. When the call goes through, your phone rings or vibrates one time, shows **Connected**, and connects the call.



return a 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 **Dialed Calls** calls list.
- 2 Press the **Options** key > **View by #** > **Missed Calls**.
- 3 Scroll to the call you want to return, then press .

hold or mute a call

To put all active calls on hold, press the **Options** key > **Hold**.

To put all active calls on mute, press the **Options** key > **Mute**.

call waiting

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



Press  to answer the new call.

- To switch between calls, press the **Switch** key.
- To connect the two calls, press the **Link** key.
- To end the call on hold, press the **Options** key > **End Call On Hold**.

To turn the call waiting feature on or off:

Find it: Press the **Main Menu** key >  **Settings** > **Call Settings** > **In-Call Setup** > **Call Waiting**

caller ID

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



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

To show or hide **your phone number** for the next outgoing call, enter digits in the display, then press the **Options** key > **Hide ID** or **Show ID**. To show or hide your phone number for all calls, press the **Main Menu** key >  **Settings** > **Call Settings** > **In-Call Setup** > **My Caller ID** > **All Calls**.

Tip: You can identify callers without even looking. To give one of your contacts a special ring, see page 70.

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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

international calls

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



speed dial

Your phone can store nine phone numbers that you can call with a single keypress.

To call a speed dial number, press and hold the single-digit speed dial number for one second.

voicemail

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



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

When you **receive** a voicemail message, your phone shows the new message indicator  and **New Voicemail**. Press the **Call** key to listen to the message.

To **check** voicemail messages:

Find it: Press the **Main Menu** key > **Messages**
> **Call Voicemail**

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

other features

advanced calling

features	
conference call	
During a call:	
Dial next number, press  , press the Options key > Link Calls .	
transfer a call	
During a call:	
Press the Options key > Transfer Call , dial transfer number, press  .	

features	
call forwarding	
Set up or cancel call forwarding:	
Press the Main Menu key >  Settings > Call Settings > Call Forward	
TTY calls	
Set up your phone for use with an optional TTY device:	
Press the Main Menu key >  Settings > Phone Settings > TTY Settings	

features

fixed dial



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

Turn fixed dialing on or off:

Press the **Main Menu** key >  **Settings**
> **Call Settings** > **Fixed Dialing**

Use the fixed dial list:

Press the **Main Menu** key >  **Office Tools**
> **Dialing Services** > **Fixed Dial**

service dial



Dial service phone numbers:

Press the **Main Menu** key >  **Office Tools**
> **Dialing Services** > **Service Dial**

features

quick dial



Dial preprogrammed phone numbers:

Press the **Main Menu** key >  **Office Tools**
> **Dialing Services** > **Quick Dial**

DTMF tones

Activate DTMF tones:

Press the **Main Menu** key >  **Settings**
> **Call Settings** > **In-Call Setup** > **DTMF**

Send DTMF tones during a call:

Press number keys.

contacts

For basic contact list features, see page 22.

features

add new contact

Note: You can store a contact in phone memory or on your SIM card. Contacts stored on the SIM card can contain only a name and phone number. To set storage location, see **set contact storage location** after this feature.

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Create New Contact**

For a contact stored in phone memory, press  left or right to select the **details** menu , **address** menu , **picture ID** menu , **alerts** menu , or **notes** menu . Press  up or down to scroll to the field or setting you want to change, then press the *navigation key in*  to select it.

features

set contact storage location

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts**
> **Contacts Settings** > **Default Save Location**

call contact

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press  to call.

Note: If a contact has multiple phone numbers, press  left or right to select the number you want to call.

send message to contact

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press the **Options** key
> **Send Message**

features

add additional phone number or email address to contact

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press the **Options** key > **Edit Contact**, press  left or right to select the **details** menu .

Press  up or down to scroll to an empty **Number** or **Email** field, then press the *navigation key* in  to select it.

Note: This option isn't available for contacts stored on the SIM card.

features

set picture ID for contact

Assign a photo or picture to show in the display when you receive a call from a contact:

Press the **Main Menu** key >  **Contacts** > *entry*, press the **Options** key > **Edit Contact**, press  left or right to select the **picture ID** menu  > *picture icon*

Note: This option isn't available for contacts stored on the SIM card.

features

set alert(s) for contact

Assign a distinctive call alert (ringer ID) or message alert for a contact:

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press the **Options** key > **Edit Contact**, press  left or right to select the **alerts** menu  > **Call Alert** or **Message Alert**.

Note: This option isn't available for contacts stored on the SIM card.

assign contact to category

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press the **Options** key > **Edit Contact**, press  left or right to select the **details** menu  > **Category**.

Note: This option isn't available for contacts stored on the SIM card.

features

set category view

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Filter Contacts By**.

You can show contacts in a predefined category (**Family**, **Friends**, **Work**), or contacts in a category you create (select **Create Category**).

set alert(s) or picture ID for category

Assign a distinctive call alert (ringer ID), message alert, or picture ID for contacts in a specified category:

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Edit Categories**.

features

create group mailing list

Assign contacts to a group message list or email list:

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Create New List** > **Message List** or **Email List**.

set contact list view

Show contacts with picture ID photos, or as a text list:

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Contacts Settings** > **Default View** > **Thumbnail** or **List**

set contact list sort order

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Contacts Settings** > **Default Sort Order** > **First Name** or **Last Name**

features

copy all contacts to SIM card

Copy all contacts from phone memory to the SIM card:

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Copy All To SIM Card**.

synchronize contacts

Synchronize contacts over-the-air direct to a corporate Microsoft® Exchange Server 2003 using MOTOSYNC:

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Synchronize**.

features

send contact to another device

Send a contact to another phone or computer that supports Bluetooth connections:

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press the **Options** key > **Send Contact Via** > **Bluetooth**

For more information, see page 42.

delete contact

Press the **Main Menu** key >  **Contacts**, scroll to the contact, press the **Options** key > **Delete Contact**

delete multiple contacts

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Select Multiple**.

Select the contacts you want to delete, then press the **Options** key > **Delete**.

features

delete all contacts

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Delete All Contacts**.

import vCard

Import contact information from a vCard file stored on your phone.

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Import Vcard**.

store owner's information

Store information about yourself on your phone.

Press the **Main Menu** key >  **Contacts**, press the **Options** key > **Manage Contacts** > **Owner's Information**.

messages

For instructions on entering text, see page 51.

features	
send text message	
Press the Main Menu key >  Messages > Create Message	
Your phone sends an SMS text message by default, unless you insert multimedia content or perform a function reserved for MM multimedia messages.	
send quick note	
Send a pre-written quick note. Press the Main Menu key >  Messages > Templates > Text Templates > <i>quick note</i> , press the Options key > Send .	

features	
send postcard	
Press the Main Menu key >  Messages > Create Postcard	
send email	
Press the Main Menu key >  Messages > Email	
use a multimedia template	
Open a multimedia template with preloaded media: Press the Main Menu key >  Messages > Templates > Multimedia	
read new message or email	
When your display shows New Message , press the Read key.	

features

read old messages



Press the **Main Menu** key >  **Messages**
> **Inbox**.

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

Press the **Options** key to perform various
operations on a message.

read old email



Press the **Main Menu** key >  **Messages**
> **Email**.

Press the **Options** key to perform various
operations on a message.

store message objects



Go to a multimedia message page,
then press the **Options** key > **Store**.

features

browser messages



Read messages receive by your
micro-browser:

When your display shows **New Message**, press
the **Read** key.

To activate browser messages and adjust
browser message settings:

Press the **Main Menu** key >  **Messages**, press
the **Options** key > **Settings** > **Browser Messages**.

features
info services  Read subscription-based information services messages: When your display shows New Message , press the Read key. To activate information services and adjust info services settings: Press the Main Menu key >  Messages , press the Options key > Settings > Info Services .
set up email accounts You can set up and use multiple email accounts on your phone:  Press the Main Menu key >  Messages > Email , press the Options key > Add Account . Note: Your display shows a separate folder for each email account.

instant messaging

features
log in  Press the Main Menu key >  Messages > IM > Log In
find others online  After you log in: Select Contact List to see a list of other users.
start conversation  From your Contact List , scroll to a name in Online Contacts , press the Send IM key.
open active conversation  From your Contact List , scroll to a name in Conversations , press the View key.

features	
end conversation	
From the conversation display: Press the Options key > End Conversation	
log out	
Select Log Out from the IM Online menu.	
create or change IM accounts	
Press the Main Menu key >  Messages > IM > IM Accounts	
Select an IM account, or select Create Account to create a new IM account.	

personalize

features
language
Set menu language: Press the Main Menu key >  Settings > Phone Settings > Language
ring volume
Press the Main Menu key >  Settings > Profiles , scroll to the current selected profile, press the Options key > View > Alert Volume
system sounds volume
Press the Main Menu key >  Settings > Profiles , scroll to the selected profile, press the Options key > View > System Sounds Volume

features
media playback volume Press the Main Menu key > Settings > Profiles , scroll to the selected profile, press the Options key > View > Playback Volume
reminders Set the reminder alert for event notifications: Press the Main Menu key > Settings > Profiles , scroll to the selected profile, press the Options key > View > Reminder Alert
clock view Show an analog or digital clock in the home screen, or turn off the clock: From the home screen, press the Options key > Customize Home > Clock Style

features
date view Show or turn off the date in the home screen: From the home screen, press the Options key > Customize Home > Date
menu view Show the main menu as a grid of graphic icons or as a text-based list: Press the Main Menu key, press the Options key > View By > Grid or List
main menu Reorder your phone's main menu: Press the Main Menu key, press the Options key > Reorder

features

show/hide feature icons

Show or hide feature icons in the home screen:

From the home screen, press the **Options** key
> **Customize Home** > **Shortcut Keys** > **Show Icons**

Note: You can still select feature icons when they are hidden from view.

change feature icons

Change feature icons in the home screen:

From the home screen, press the **Options** key
> **Customize Home** > **Shortcut Keys**
> *feature icon location*

reset settings

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

Press the **Main Menu** key, >  **Settings**
> **Phone Settings** > **Reset** > **Reset All Settings**

features

delete data

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

This option does **not** delete SIM card information:

Press the **Main Menu** key, >  **Settings**
> **Phone Settings** > **Reset** > **Delete All Data**

features

delete memory cards

Caution: This option **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your memory card and/or SIM card. After you erase the information, you can't recover it.

Press the **Main Menu** key, >  **Settings**
> **Phone Settings** > **Reset** > **Delete Memory Cards**

call times & costs

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

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

features

call times

Show call timers:

Press the **Main Menu** key >  **Recent Calls**, press the **Options** key > **Call Times**

in-call timer

Show time or cost information during a call:

Press the **Main Menu** key >  **Settings**
> **Call Settings** > **In-Call Setup** > **In-Call Timer**

features

call cost



Show call cost trackers:

Press the **Main Menu** key >  **Recent Calls**,
press the **Options** key > **Call Costs**

credit info (prepay option)



Show credit information:

Press the **Main Menu** key >  **Recent Calls**,
press the **Options** key > **Call Costs** > **Credit Info**

credit available (advice of charge option)



Show credit available:

Press the **Main Menu** key >  **Recent Calls**,
press the **Options** key > **Call Costs** > **Credit Available**

features

call cost setup



Set a credit limit:

Press the **Main Menu** key >  **Recent Calls**,
press the **Options** key > **Call Costs** > **Call Cost Setup**

data times



Show data call timers:

Press the **Main Menu** key >  **Recent Calls**,
press the **Options** key > **Data Times**

data volumes



Show data volume meters:

Press the **Main Menu** key >  **Recent Calls**,
press the **Options** key > **Data Volumes**

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a

call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

features	
speakerphone	
Activate a connected external speakerphone during a call:	
Press the Speaker key (if available), or press the Options key > Speaker On .	
auto answer (car kit or headset)	
Automatically answer calls when connected to a car kit or headset:	
Press the Main Menu key >  Settings > Phone Settings > Headset Settings > Auto Answer	

features	
voice dial (headset)	
Enable voice dial with headset send/end key:	
Press the Main Menu key >  Settings > Phone Settings > Headset Settings > Voice Dial	

data & fax calls

features	
send data or fax	
Connect your phone to the device, then place the call through the device application.	
receive data or fax	
Connect your phone to the device, then answer the call through the device application.	

features

create new data connection



Press the **Main Menu** key >  **Settings**
> **Data Connections** > **Add New Connection**

edit data connection



Press the **Main Menu** key >  **Settings**
> **Data Connections** > **Edit Existing Connection**

delete data connection



Press the **Main Menu** key >  **Settings**
> **Data Connections** > **Remove Connection**

network

features

network settings



See network information and adjust network settings:

Press the **Main Menu** key >  **Settings** > **Network**
> **Current Network**

personal organizer

features

set alarm

Press the **Main Menu** key >  **Office Tools**
> **Alarm Clock**

features
turn off alarm When the display shows an alarm: To turn off the alarm, press the Disable key or . To set an eight minute delay, press the Snooze key.
add new calendar event Press the Main Menu key >  Office Tools > Calendar, scroll to the day, press the <i>navigation key in</i> , press the Options key > Create New Event.
see calendar event See or edit event details: Press the Main Menu key >  Office Tools > Calendar, scroll to the day, press the <i>navigation key in</i> , scroll to the event, press the <i>navigation key in</i> .

features
calendar event reminder When the display shows an event reminder: To see reminder details, press the View key. To close the reminder, press the Dismiss key.
send calendar event to another device Send a calendar event to another phone or computer that supports Bluetooth connections: Press the Main Menu key >  Office Tools > Calendar, scroll to the day, press the <i>navigation key in</i> , scroll to the event, press the Options key > Share Event Via > Bluetooth. For more information, see page 40.

features

manage downloaded files

Manage files that you've downloaded onto your phone from the micro-browser or over a Bluetooth connection:

manage the multimedia files and application files

Press the **Main Menu** key >  **Office Tools**
> **Download Manager**

manage files

Manage multimedia files and applications stored on your phone and on your removable memory cards:

Press the **Main Menu** key >  **Office Tools**
> **File Manager**

features

world clock

Show time and date information for multiple cities around the world:

Press the **Main Menu** key >  **Office Tools**
> **World Clock**.

task list

Create a checklist of tasks you need to perform, and set your phone to notify you when tasks come due:

Press the **Main Menu** key >  **Office Tools**
> **Task List**.

notepad

Write and store notes on your phone:

Press the **Main Menu** key >  **Office Tools**
> **Notepad**.

features

create voice record

Press the **Main Menu** key >  **Multimedia** > **Voice Recorder**, press the *navigation key in*  to start recording, press the **Stop** key to stop recording.

Press the **Save** key to save the voice record. Press the **Options** key to perform various operations on the voice record.

Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.

play voice record

Play back a voice record:

Press the **Main Menu** key >  **Multimedia** > **Media Player** > **Voice Records** > *voice record*

features

calculator

Press the **Main Menu** key >  **Office Tools** > **Calculator**

currency converter

Press the **Main Menu** key >  **Office Tools** press the **Options** key > **Set Exchange Rate**, enter exchange rate, press the **Set** key, enter amount, press the **Options** key > **Convert Currency**

security

features

SIM PIN

Caution: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your display shows **SIM Blocked**.

Lock or unlock the SIM card:

Press the **Main Menu** key >  **Settings** > **Security** > **SIM PIN Lock**

lock application

Press the **Main Menu** key >  **Settings** > **Security** > **Application Lock**

fun & games

features

manage pictures

Press the **Main Menu** key >  **Multimedia** > **Media Player** > **Pictures**

Press the **Options** key > **Manage** to delete or rename a photo, picture, or animation.

manage video clips

Press the **Main Menu** key >  **Multimedia** > **Media Player** > **Videos**

Press the **Options** key > **Manage** to delete or rename a video clip.

features	
manage music and sounds	
Manage ring tones and music that you have downloaded:	
Press the Main Menu key >  Multimedia > Media Player > Music and Sounds	
Press the Options key > Manage to delete or rename a ring tone or music file.	
play music	
Press the Main Menu key >  Multimedia > Media Player > Music and Sounds > <i>song name</i>	
create playlist	
Create a playlist of songs to play:	
Press the Main Menu key >  Multimedia > Media Player > Music and Sounds > <i>song name</i> , press the Options key > Apply To > Playlist	

features	
start micro-browser	
Pressthe Main Menu key >  Web Access > Browser	
download objects from Web page	
Download objects (such as picture or sound files) from a Web page:	
Scroll to the file, press the <i>navigation key in</i>  , press the Store key.	
web sessions	
Select or create a Web session:	
Pressthe Main Menu key >  Web Access > Web Sessions	

features

download game or application



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

Press the **Main Menu** key >  **Web Access**
> **Browser** > *download page*, scroll to the application, press the **Select** key, press the **Download** key

start game or application



Start a Java™ game or application:

Press the **Main Menu** key >  **Multimedia**
> **Games**, scroll to the game or application, press the *navigation key* in 

service and repairs

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

Go to

www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Specific Absorption Rate Data

THIS MODEL MEETS INTERNATIONAL GUIDELINES 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. 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 0.35 W/kg, and when worn on the body, as described in this user guide, is 0.21 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.

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

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

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

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.

Products Covered	Length of Coverage
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.
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase by the first consumer purchaser of the product.

Products Covered	Length of Coverage
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?

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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.

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Information from the World Health Organization

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

Source: WHO Fact Sheet 193

Further information:

<http://www.who.int./peh-emf>

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