

EM35 GSM EMEA/Asia UG Draft

17/09/08

Dummy Page - To be discarded before printing

ITC Notes:

Use this template with AGMotoLandscape StructApps. This template supports:

- Spot color formatting.
To produce a B/W print , check the 'Spot color as B/W' checkbox in the Framemaker print dialog.
- User's Guides with embedded Legal Guides, if needed.
All semantically-named elements within the Legal Guide content must have their Role attributes set to LG.

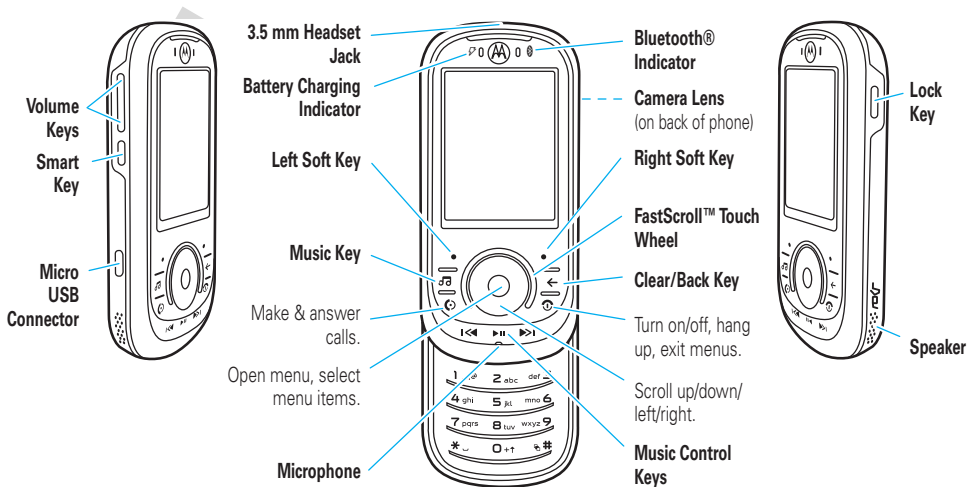
HELLOMOTO

One touch from talk to music. That's all it takes with your MOTOROKR™ EM35 phone!

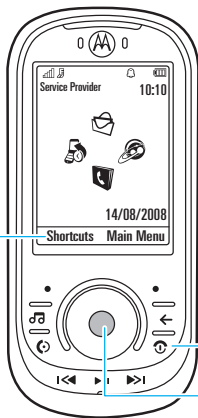
- Press the dedicated **music** keys to play your music (page 66).
- Transfer your favorite **music** quickly and easily over a USB cable connection with Microsoft™ Windows™ Media Player 11 (page 64).
- Listen to your favorite **radio** stations (page 73).
- Use the **FastScroll™** touch wheel to find any song, contact, calendar event, or multimedia file at the speed you want (page 25).
- Store your photos, videos, and music files on an optional **microSD memory card** with up to 32 GB storage capacity (page 18).
- Snap high-definition pictures with your phone's powerful 3.1-megapixel **camera** (page 76).
- Capture the moments that matter in a **video** recording, then upload the video to your blog (page 78).

For more information: To learn more about your phone and accessories, see the Web tutorial at www.motorola.com/consumer/support.

Introducing your new **MOTOROKR™** EM35 GSM wireless phone. Here's a quick anatomy lesson.




Home Screen



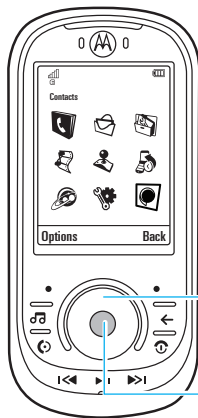
Tip: Press **Shortcuts** (the Left Soft Key) to access a list of menu shortcuts.

Make sure the lock key is in the unlock (down) position.

1 Press & hold  until the display lights up.

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

Main Menu



3 Press  up/down/left/right to scroll to a menu feature.

4 Press  to select it.

Note: This is the standard home screen and main menu layout. **Your phone's home screen and main menu may be different.** To change your home screen shortcuts and main menu appearance, see pages 25 and 40.

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

www.hellomoto.com

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

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.

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under license. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. Microsoft and Windows are registered trademarks of Microsoft Corporation; and Windows XP and Windows Media are trademarks of Microsoft Corporation. Macintosh is a registered trademark of Apple Computer, Inc.

© 2008 Motorola, Inc. All rights reserved.

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

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Manual Number: 68XXXXX340-A

contents

menu map	7	end a call	23	lock your SIM card or applications	33
Safety Information	9	store a phone number	23	personalize	34
FCC Notice	13	call a stored number	23	alert styles	34
Use and Care	14	your phone number	24	time & date	35
EU Conformance	15	FastScroll™ touch wheel	25	wallpaper	36
Recycling Information	16	shortcuts	25	screensaver	36
get started	17	basics	27	themes	37
about this guide	17	display	27	apply a photo as wallpaper	38
insert your SIM card	17	volume	29	display appearance	39
insert a memory card	18	smart key	30	home screen shortcuts	39
battery	18	slider features	30	main menu	40
insert the battery	21	voice commands	30	rearrange main menu	40
remove the battery	21	talking phone	31	more personalizing features	41
charge the battery	21	handsfree speaker	32	calls	43
turn it on & off	22	codes & passwords	32	voice quality	43
make a call	22	lock & unlock phone	33	turn off a call alert	43
answer a call	23				

recent calls	43	entertainment.	62	Privacy and Data Security . . .	107
redial	44	music	62	OSS Information	108
return a call	44	FM radio.	73	Driving Safety	108
caller ID.	44	camera	76	index	110
emergency calls	45	videos.	78		
handsfree	45	browser	82		
answer options.	46	widgets	84		
call times & costs	46	fun & games	87		
more calling features	48	tools.	88		
text entry	52	contacts	88		
word mode	53	personal organizer	91		
abc mode	54	connections	95		
numeric mode	55	Bluetooth® wireless	95		
symbol mode	55	cable connections	99		
messages.	56	sync	101		
text messages	56	file manager	103		
voicemail.	58	phone software updates	104		
instant messaging	58	service & repairs.	105		
more message features	59	SAR Data.	106		
		WHO Information	107		

menu map

main menu



Contacts



Messaging

- Messages
 - Create Message
 - Inbox
 - Outbox
 - Drafts
 - My Folders
 - Templates
 - Create Postcard *
 - Call Voicemail
- Email
- IM
- Voicemail



Tools

- Calendar
- Sync
- Download Manager
- File Manager
 - Memory Card
 - My Blog *
 - Music and Sounds
 - Pictures
 - Videos
 - Voice Note
- Application Downloads
- Unrecognizable Files
- My Documents

Tools (continued)

- Alarm Clock
- World Clock
- Calculator
- Dialing Services
 - Fixed Dial
 - Service Dial *
- Task List
- Notes



Multimedia

- Media Finder
- Camera
- Video Camera
- Radio
- Voice Recorder



Games



Recent Calls



Mobile Internet

- Browser
- WebShare
- Web Feeder
- My Bookmarks
- My Webpages
- History
- Go to URL
- Browser Setup



Settings

- (see next page)



Widgets

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

Tip: Press  to exit the current menu, or press  to exit all menus.

* optional features

settings menu

- **Sounds and Ringtones**
- **Display**
 - Home Screen
 - Wallpaper
 - Wallpaper Layout
 - Screensaver
 - Skin
 - Backlight Timeout
 - Brightness
 - Charging Light
- **Themes**
- **Bluetooth®**
- **Connections**
 - Handsfree Settings
 - Auto-Answer
 - Voice Dial
 - USB Settings
 - Always Ask
 - Media Synch/ PlayFrom Device
 - Memory Card
 - Image Synchronization
 - Modem
 - USB Printing
 - Tools
 - Modem & Tools
 - Charge Only
 - Voice Networks *
 - Data Connections
- **Network Settings**
 - Current Network
 - Scan Avail. Networks
 - Find New Network
 - My Network List
 - Search Setup
 - Service Tone
- **Call Settings**
 - Speed Dial
 - Call Forward
 - In-Call Setup
 - Voice Quality
 - In-Call Timer
 - Answer Options
 - Message Alert
 - Roam Alert
 - Call Waiting
 - Auto-Redial
 - Call Drop Tone
 - TTY Settings *
 - Dialing Setup
 - My Caller ID
 - DTMF
 - Dialing Prefix
 - Call Restrictions
 - Outgoing Voice Calls
 - Incoming Voice Calls
 - End Voice Bar
 - Fixed Dialing
 - Active Line *
 - Blocked Callers
- **Phone Settings**
 - Time & Date
 - Language and Input
 - Airplane Mode
 - Slide Closed
 - Talking Phone
 - Phone Information
 - View Memory
 - Battery Meter
 - Properties
 - Java™ System
 - Update Software
 - Legal Notices
 - Reset
 - Reset All Settings
 - Delete All Data
 - Delete Memory Cards
- **Security**
 - Phone Lock
 - Application Lock
 - Change Passwords
 - Certificates

* 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.

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.

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—or if you hang your mobile device from a

lanyard around your neck—keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.

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.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

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

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Driving Precautions

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.

Responsible driving practices can be found in the "Smart Practices While Driving" section in this guide (or separate guide).

Operational Warnings

Obey all posted signs when using mobile devices in public areas.





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.

Symbol Key

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.

Symbol	Definition
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the “battery use & safety” section in the user’s guide.

Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

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 tired.

Caution About High Volume Usage



Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.

- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at www.motorola.com/hearingsafety (in English only).

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.

[Mar0108]

FCC Notice to Users

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

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

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Use and Care

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



liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



dust and dirt

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



extreme heat or cold

Avoid temperatures below 0°C/32°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

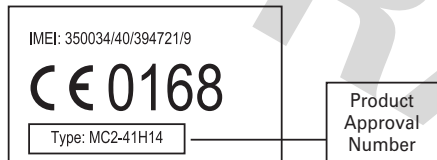
Don't drop your phone.

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



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

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

Caring for the Environment by Recycling



This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority.

Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region.

Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at:

www.motorola.com/recycling

Disposal of your Mobile Device Packaging and User's Guide

Product packaging and user's guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.







get started

about this guide

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

Find it:  >  **Multimedia** > **Radio**

This means that, from the home screen:

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

This guide uses the following symbols:

symbols



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



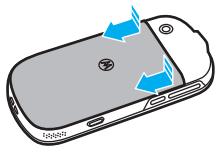
This means a feature requires an optional accessory.

insert your SIM card

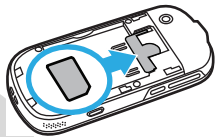
Your *Subscriber Identity Module* (SIM) card stores your phone number and other information.

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

1



2

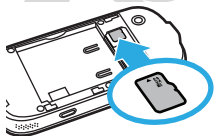


insert a memory card

You can store photos, videos, and music files on an optional, removable microSD memory card.

Note: Your phone can use a memory card with up to 32 GB capacity.

Caution: Don't bend or scratch your memory card. Keep it away from static electricity, water, and dirt. Turn off your phone before you install or remove the memory card.



Note: Motorola approved SanDisk cards are recommended for cards greater than 1 GB.

battery

battery use & safety

IMPORTANT: HANDLE AND STORE BATTERIES PROPERLY TO AVOID INJURY OR DAMAGE. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the

phone and/or battery get wet, have them checked by your carrier or contact Motorola, even if they appear to be working properly.

- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.**

Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction.

Therefore:

- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.

DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

IMPORTANT: USE MOTOROLA ORIGINAL PRODUCTS FOR QUALITY ASSURANCE AND SAFEGUARDS.

To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola

batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a “Motorola Original” hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.

Important: Motorola’s warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

PROPER AND SAFE BATTERY DISPOSAL AND RECYCLING

Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

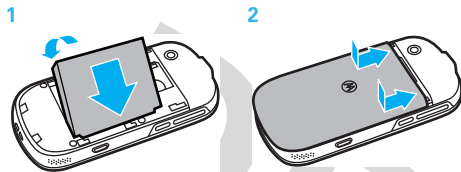
- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

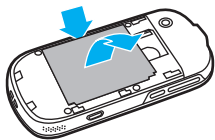


Warning: Never dispose of batteries in a fire because they may explode.

insert the battery

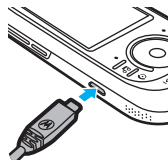


remove the battery



charge the battery

New batteries are not fully charged. Plug the battery charger into your phone's micro USB port, and an electrical outlet. A battery charge indicator (see page 2) light shows when the battery is charging. The display shows **Charge Complete** when finished.



Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.







- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Note: You can charge your battery by connecting a cable from your phone's micro 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. A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.




extend battery life

- To turn off **Bluetooth**® power when you're not using it, press  >  **Settings** > **Bluetooth**, press **Options** > **Setup Bluetooth** > **Bluetooth Power** > **Off**.


- To make your display turn off sooner, press  >  **Settings** > **Display** > **Backlight Timeout** > **5 Seconds**.
- To turn off your screensaver, press  >  **Settings** > **Display** > **Screensaver** > **None**.
- To reduce the display brightness, press  >  **Settings** > **Display** > **Brightness** > **Brightness: 0**.

turn it on & off


Press and hold the *power/end key*  for a few seconds, or until the display turns on or off.



make a call

Open the slider, then enter a phone number and press the *send key*  to make a call.

To **voice dial** a call, see page 31.


Tip: You can make a call with the slider closed. Select a phone number stored in your contacts, then press  to call the number. (To store a number in Contacts, see page 23.)

answer a call

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

If you're listening to music or the FM radio through a headset, the phone rings as usual when you receive a call. Press **Answer** to answer the incoming call through the headset. If the headset doesn't have a microphone, use the phone microphone to speak to the other party.

end a call

To hang up, press . If the **slide closed** feature is set correctly, you can close the slider to end the call (see page 30).

store a phone number

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

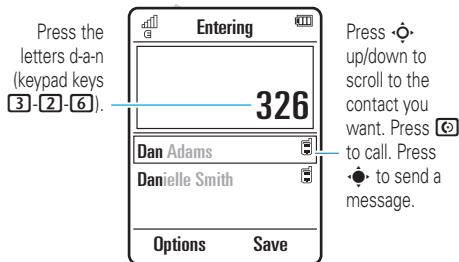
- 1 Enter a phone number in the home screen.
- 2 Press **Save**.
- 3 Enter a name for the phone number.
- 4 Press **Save** to store the contact.

call a stored number

To call a phone number stored in your contacts:

From the home screen, press keypad keys to enter the first letters of the contact name (one keypress per letter). The phone shows the contact name(s) that match your keypresses.

For example, if you press the letters d-a-n, your display might show:



The phone shows the contact name(s) that match your keypresses. Press to scroll to the contact you want, then press to call the contact. Alternatively, you can press to send a message to the contact.

your phone number

To see your phone number:

Find it: > **Contacts**

Your phone number is listed as the first **Contacts** entry.

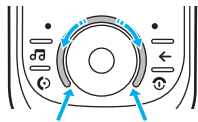
To store or edit the name for the first entry, select it, then press **Options** > **Edit Contact**.

FastScroll™ touch wheel

Use the FastScroll touch wheel to scroll quickly through lists.

Press & move
counter-clockwise on track to
scroll back.

Press & move clockwise on
track to scroll forward.



Move & then hold here to
scroll back at set speed.

Move & then hold here to
scroll forward at set speed.

Apply light pressure on the FastScroll touch wheel, and move clockwise or counter-clockwise over the wheel to scroll forward or back through the list.

Move slowly over the wheel for controlled scrolling through option lists.

Move faster over the wheel to scroll quickly through your contact list or song lists.

Move and hold at the lower-left or lower-right corner of the FastScroll touch wheel to continue scrolling at a set speed. Apply pressure and movement in the opposite direction to slow or reverse direction. Release to stop scrolling.

Tip: From the main menu swipe across the FastScroll™ touch wheel to scroll quickly through the menus.

shortcuts

Your phone provides shortcuts to some frequently-used features. You can use shortcuts from the home screen.

Change the alert profile: Press **Shortcuts > Change Alert Style**.

Send a text message: Press **Shortcuts > Create Message**.

Turn on the radio: Press **Shortcuts > Radio**.

Change the background wallpaper image in the home screen: Press Shortcuts > Change Wallpaper.

Create a new contact: Press Shortcuts > Create Contact.


Connect to a Bluetooth® device:

Press Shortcuts > Find Bluetooth Devices.

View and use widgets installed on your phone:

Press Shortcuts > Widget Library.

Change the alert profile to vibrate only:

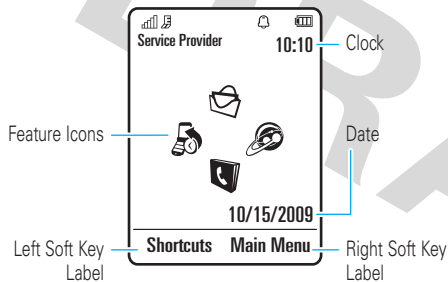
Press and hold .

Go to the dialed calls list: Press .


basics


display

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




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

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

Press the *center key*  or the **Main Menu** soft key to open the main menu.



Press **Shortcuts** in the home screen to access some frequently-used phone features.

Press the *navigation key*  up, down, left, or right in the home screen to open basic features. To show, hide, or change feature icons in the home screen, see page 39.




Status indicators appear at the top of the home screen:








1 Signal Strength Indicator – Shows the strength of the wireless network connection.


2 EDGE/GPRS Indicator – Shows when your phone is using a high-speed *Enhanced Data for GSM Evolution* (EDGE) network connection , or *General Packet Radio Service* (GPRS) network connection .


3 Bluetooth – When Bluetooth power is turned on, the Bluetooth indicator shows Bluetooth status:


-  (solid blue) = Bluetooth powered on
-  (solid green) = Bluetooth connected
-  (flashing blue) = Bluetooth discoverable mode


4 Messaging Presence Indicator – Shows your instant messaging (IM) status: 


-  (green) = online
-  = offline
-  = busy
-  = discrete

 (gray) = 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 voice message. Other indicators can include: 

 = text message



 = voicemail message





 = email message

7 Location Indicator – Shows  when your phone is providing location information to the network, or  when location information is turned off. 

8 Alert Style Indicator – Shows the alert style setting:

- | | |
|--|---|
|  = ring loud |  = ring soft |
|  = ring and vibrate |  = vibrate then ring |
|  = vibrate only |  = silent |


9 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:

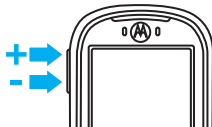
- | | |
|--|--|
|  = line 1 active |  = line 2 active |
|  = line 1 call forward on |  = line 2 call forward on |

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


volume

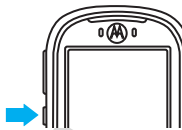
Press the *volume keys* to:

- turn off an incoming call alert
- change earpiece or speakerphone volume during a call
- change playback volume for a song or video
- change radio volume
- set your phone's alert style in the home screen (press the volume keys to scroll to an alert style, then press  or the smart key to select it).



smart key

The *smart key* gives you another way to do things. For example, when you scroll to a menu item, you can press the smart key to select it (instead of pressing ). For the home screen press the *smart key* to launch the camera.



slider features

slide tone

Set a **slide tone** to play when you open or close the slider:

Find it:  >  Settings > Sounds and Ringtones > Slide Tone
> *slide tone*

Note: Slide tone volume is linked to the keypad volume setting. You won't hear the slide tone when keypad volume is turned off.

To **turn off** the slide tone:

Find it:  >  Settings > Sounds and Ringtones > Slide Tone
> None

slider closed feature

Set your phone to continue running active applications, close active applications (including calls), or only end calls when you close the slider.

Find it:  >  Settings > Phone Settings > Slide Closed
> Continue All Tasks or End All Tasks or End Calls Only


voice commands

You can use voice commands to tell your phone what to do.

Note: Not all languages support voice commands.

voice dial a call

You can dial a contact list entry by speaking its name, or dial any phone number by speaking its digits.

- 1 Press and hold . The phone loads the voice recognition software, then prompts you to say a command or name.
- 2 Wait for the beep, then say the **full name** of the contact as it appears in your contact list (for example, “John Smith”). Your phone confirms the name and makes the call.


or

Say “Dial Number.” Your phone prompts you to speak the digits in the phone number. Speak the digits. Your phone confirms the number and makes the call.

Tips:



- You can say a contact’s name and number type together. For example, say “John Smith

mobile” to call the mobile number stored for John Smith.

- For voice command help, press and hold , then press **Help**.

voice activate phone functions

You can use voice commands to open applications and perform many basic phone functions.

- 1 Press and hold . The phone prompts you to say a command.
- 2 Press and hold  to see the list of voice commands.

talking phone

You can set your phone to read the names of menu features or contact list entries, recite phone number digits you type in the home screen, and/or read text

messages or email messages you receive (in English only).

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

Shortcut: Press and hold . When the phone prompts you to say a command, say “Talking Phone.”

handsfree speaker

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


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.

codes & passwords

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

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

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



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  to 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. You must enter the four-digit unlock code to lock or unlock your phone.

To **manually lock** your phone:

Find it:  >  Settings > Security > Phone Lock > Lock Now

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

Find it:  >  Settings > Security > Phone Lock
> Lock at Power On > On

lock your SIM card or applications

Note: You must enter your SIM PIN code to lock or unlock the SIM card. If you forget your PIN code, contact your service provider.

Caution: If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows **SIM Blocked**.

To **lock or unlock your SIM card:**

Find it:  >  Settings > Security > SIM PIN Lock

To **lock an application** (such as Messages):

Find it:  >  Settings > Security > Application Lock

You must enter the four-digit unlock code to see the applications list. Select an application and choose **Lock** to lock it.

personalize

alert styles

You can quickly change your phone's alert style to match your activity or environment. Each alert style uses a different ringtone volume and/or vibrations to notify you of incoming calls and other events. The alert style indicator shows at the top of the home screen.

 Ring Loud

 Ring Soft

 Ring and Vibrate


 Vibrate then Ring

 Vibrate Only

 Silent

To change your alert style: From the home screen, press the volume keys on the side of your phone. Alternatively, from the home screen press **Shortcuts** > **Change Alert Style**.



The **Vibrate Only** and **Silent** alert styles silence your phone until you set another alert style.

Shortcut: From the home screen, press and hold  to quickly set the alert style to **Vibrate Only**.

change alert style settings

You can change the ringtones that notify you of incoming calls and other events. You can also change the keypad tone volume and slide tone. The changes you make are applied globally to all alert styles.





Find it:  >  **Settings** > **Sounds and Ringtones**

- 1 Press  up/down to scroll to the setting you want to change, then press .
- 2 Change the setting as desired.
- 3 Press **Back** to exit and save your changes.

create a new alert style

To create a **new** alert style with the ringtone volume and event notification characteristics you specify:

Find it:  >  Settings > Sounds and Ringtones > Ring Mode, scroll to the alert style, press Options > Create Ring Mode

- 1 Press  up/down to scroll to the default alert style name, then press  to select it.
- 2 Change the alert style name as desired.
- 3 Press  up/down to scroll to the setting you want to change, then press  to select it.
- 4 Change the setting as desired.
- 5 Press **Save** to exit and save your changes.

edit or delete alert styles

To **edit** an alert style:

Find it:  >  Settings > Sounds and Ringtones > Ring Mode, scroll to the alert style, press Options > Edit Ring Mode

Note: You can't edit the **Vibrate Only** or **Silent** alert styles.

To **delete** a user-defined alert style:

Find it:  >  Settings > Sounds and Ringtones > Ring Mode, scroll to the alert style, press Options > Delete Ring Mode

time & date



Your phone can automatically update the time and date. It uses the time and date for the **Calendar**.



To **synchronize** time and date with the network:



Find it:  >  Settings > Phone Settings > Time & Date > Auto-Update Time > On

To **manually** set the time and date:

Find it:  >  Settings > Phone Settings > Time & Date > Auto-Update Time > Off, then scroll to and select Time and Date

To adjust time and date, press  left/right to scroll to a setting, then press  up/down to change it. Press **Set** to save your settings.



To show a **12-hour or 24-hour** digital clock in the home screen:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Time Format** > **12 Hour Clock** or **24 Hour Clock**

To set the **date format** in the home screen:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Date Format**




To set your **time zone**:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Time Zone**, then select a city in your time zone

Shortcut: Press keypad keys to enter the first letters of the city you want.

wallpaper

Change the background wallpaper image in the home screen:

Find it:  >  **Settings** > **Display** > **Wallpaper**
> **Wallpapers and Graphics**, scroll to an image, press  to select it.

Shortcut: From the home screen, press **Shortcuts**
> **Change Wallpaper**.

The new wallpaper is applied to the current theme.

screensaver


Change the screensaver image that appears in your phone's display after a period of inactivity:

Find it:  >  **Settings** > **Display** > **Screensaver**
> **Screensavers**, scroll to an image, press  to select it.

The new screensaver is applied to the current theme.

Tip: To extend battery life, turn off the screensaver (see page 22).

themes

Use a phone *theme* to personalize the look and sound of your phone. Most themes include a wallpaper image, screensaver image, and ringtones. 

To **apply** a theme:

Find it:  >  **Settings** > **Themes** > *theme*

To **download** a theme using your phone's browser, see page 82.



To **delete** a theme:



Find it:  >  **Settings** > **Themes**, scroll to the theme, then press **Options** > **Manage** > **Delete**

Note: You can delete only downloaded themes or custom themes you create.

preview ringtones

To preview the ringtones on your phone, and choose the ringtone a theme uses to notify you of incoming calls:



Find it:  >  **Settings** > **Themes**, press **Options** > **Edit** > **Ringtone** > **Ringtones** > **Sounds and Ringtones** > **Preloaded Ringtones**

- 1 Press  up/down to scroll and listen to each ringtone in turn.
- 2 Press  to select the highlighted ringtone.
- 3 Press **Save** to save your selection.

modify a theme

Find it:  >  **Settings** > **Themes**, scroll to the theme, press **Options** > **Edit**

- 1 Press  left/right to select the **sounds** tab  or **images** tab .

- 2 Press  up/down to scroll to the setting you want to change, then press .
- 3 Scroll to the image or sound file you want, then select it.
- 4 Press **Save** to save your theme changes.

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

The **Screensaver** appears in the display after a period of inactivity.

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

To **reset** the standard settings for a modified theme:

Find it:  >  **Settings** > **Themes** > *theme*, press **Options**
> **Manage** > **Reset**

To **restore** the default theme on your phone:

Find it:  >  **Settings** > **Themes**, press **Options** > **Manage**
> **Restore to Default**





create a new theme

Find it:  >  **Settings** > **Themes**, press **Options**
> **Create Theme** or **Create a Copy**

apply a photo as wallpaper

To use a photo as a background *wallpaper* image in your home screen:

Find it:  >  **Settings** > **Themes**, press **Options** > **Edit**

- 1 Press  right to select the **images** tab .
- 2 Press  down to scroll to **Wallpaper**, then press  to select it.
- 3 Scroll to the photo you want to use, then press **Select**.





Note: If the photo is stored on an installed memory card, select **Back to Pictures** > **Back to My Files**

> **Memory Card** > **MyPhotos** to search for photos on the memory card.

- 4 Press **Save** to save your selection.

Photos that you copy to your phone from another device may not scale correctly when applied as wallpaper images. To **resize a wallpaper photo** so it displays at the correct size:

Find it:  >  **Settings** > **Themes**, press **Options** > **Edit**

- 1 Press  right to select the **images** tab .
- 2 Press  down to scroll to **Wallpaper Layout**, then press  to select it.
- 3 Scroll to **Fit-to-Screen**, then press **Select**.
- 4 Press **Save** to save the setting.

display appearance

To set your display **brightness**:

Find it:  >  **Settings** > **Display** > **Brightness**

To save battery life, the **display** turns off when you're not using your phone. To set the display timeout delay interval:


Find it:  >  **Settings** > **Display** > **Backlight Timeout**

The display **screensaver** appears briefly when the display timeout delay interval is reached. To turn the screensaver off:

Find it:  >  **Settings** > **Display** > **Screensaver** > **None**

Tip: To extend battery life, turn off the screensaver.


home screen shortcuts

From the home screen, you can press the *navigation key*  up, down, left, or right as shortcuts to your favorite features. You can change the shortcuts to suit your needs.




To **change** navigation key shortcut icons in the home screen:

Find it:  >  Settings > Display > Home Screen > NaviKey Shortcuts > Up, Down, Left, or Right

Select a direction, then choose the feature you want to open when you press  in that direction.

To **show or hide** navigation key shortcut icons in the home screen:

Find it:  >  Settings > Display > Home Screen > NaviKey Shortcuts > Icon Display > Show or Hide

Note: You can press  to select the features in the home screen even when the icons are hidden.

main menu

You can personalize the main menu to appear as a grid of graphic menu icons, a text-based list, or spinning

menu icons that you can scroll through using the left/right navigation keys.

From the main menu, press **Options** > **View By** > **Grid** or **List** or **Spinner**.

rearrange main menu

You can change the order of the main menu features.

From the main menu, press **Options** > **Reorder**, scroll to the feature you want to move, press **Grab**, scroll to the destination location, press **Insert**.

more personalizing features

features

language

Set menu language:

📍 > ⚙️ Settings > Phone Settings > Language and Input
> Language

reset settings

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

📍 > ⚙️ Settings > Phone Settings > Reset > Reset All Settings

features

delete data

Caution: This option **erases all information you have entered** (including contacts and calendar 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 or memory card information.

📍 > ⚙️ Settings > Phone Settings > Reset > Delete All Data

features

delete memory card information

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

◀  >  Settings > Phone Settings > Reset
> Delete Memory Cards

calls

voice quality

You can adjust audio settings for your phone's headset speaker, to optimize voice quality and clarity during a call.

Find it:  >  Settings > Call Settings > In-Call Setup > Voice Quality



Shortcut: During a call, press **Options** > **Voice Quality**.


turn off a call alert



Press the volume keys on the side of your phone to turn off the ringer before answering a 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.

Find it:  >  Recent Calls



Shortcut: Press  from the home screen to go to the **Dialed Calls** list.


- 1 Press  left/right to select a call list: **All Calls**, **Dialed Calls**, **Answered Calls**, **Missed Calls**, or **Frequent Calls**.
- 2 Press  up/down to scroll to a phone number.

Icons indicate if the call was incoming , outgoing , or missed . A check mark next to the icon indicates a connected call.

- To call the number, press .
- To check if a missed call left you a voicemail message, see page 58.
- To see call details (like time and date), press .
- Press **Options** to perform other operations on the number (send a message, save to contacts), or to set recent call options.

redial

- 1 Press  in the home screen to go to the **Dialed Calls** list.
- 2 Scroll to the number you want to call, then press .




If you hear a **busy signal** and see **Call Failed**, press  or **Retry** to redial the number. When the call



goes through, your phone shows **Connected** and connects the call.

return a call

Your phone keeps a record of your unanswered calls, and shows a list of the calls you've missed.

When you see the missed calls list, press  to scroll to a call, then press  to see call information. To return the call, press .

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call.



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

Note: Picture IDs aren't available for contacts stored on the SIM card.

Tip: Want to know who's calling without even looking at your phone? To give one of your contacts a special ringtone, see page 89.

To show or hide your phone number for the next outgoing call, enter the number you want to call, then press **Options > Show ID** or **Hide ID**.

To show or hide **your phone number** for all calls:


Find it:  >  **Settings** > **Call Settings** > **Dialing Setup**
> **My Caller ID** > **All Calls** > **Show ID** or **Hide ID**

emergency calls

Your service provider programs one or more emergency phone numbers, such as 999, 911 or 112, on your phone. Provided that the phone is switched on and in network coverage, you can make emergency calls using the programmed numbers, even when your

phone is locked or the SIM card is not inserted (*where allowed by the network operator*).

Note: Check with your service provider, as emergency numbers vary by country. Your phone's pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues. Do not solely rely on your wireless phone for essential communications, such as medical emergencies.

To make an emergency call: Turn your phone on, exit any open application such as games, dial the emergency number, then press  to call the emergency number.

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

auto answer (headset)



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

•  >  Settings > Connections > Handsfree Settings
> Auto-Answer

voice dial (headset)



Enable voice dial with headset send/end key:

•  >  Settings > Connections > Handsfree Settings > Voice Dial


answer options

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

Find it:  >  Settings > Call Settings > In-Call Setup
> Answer Options > Any Key Answer










Note: You can always press  to answer a call.










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	
See call timers:	
 >  Recent Calls, press Options > Call Times	
in-call timer	
Show call time information during a call:	
 >  Settings > Call Settings > In-Call Setup > In-Call Timer	
call costs	
See call cost trackers and credit information:	
 >  Recent Calls, press Options > Call Costs	

features	
call cost setup	
Set a credit limit:	
 >  Recent Calls, press Options > Call Costs > Call Cost Setup	
data times	
See data call timers:	
 >  Recent Calls, press Options > Data Times	
data volumes	
See data volume meters:	
 >  Recent Calls, press Options > Data Volumes	


more calling features

To use voice commands for calling, see page 30.

features

speed dial

Your phone can store nine phone numbers that you can call with a single keypress. To **store** a speed dial phone number:


☎ >  **Contacts**, press **Options** > **Contacts Settings**
> **Speed Dial List** > *speed dial location*

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

features

international calls



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

hold a call

Press **Options** > **Hold** to put all active calls on hold.


mute a call

Press **Options** > **Mute** to put all active calls on mute.

features

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

To turn call waiting on or off:

 >  **Settings > Call Settings > In-Call Setup > Call Waiting > On or Off**

conference call



During a call:

Dial next number, press , press **Options > Link Calls**

features

transfer a call





During a call:

Dial next number, press , press **Options > Transfer Call**

call forwarding



Set up call forwarding:

 >  **Settings > Call Settings > Call Forward > Voice Calls > Forward Calls > All Calls or If Unavailable**, select **To**, then specify the forwarding number

Cancel call forwarding:

 >  **Settings > Call Settings > Call Forward > Cancel All**

Note: The **Cancel All** option cancels all call forwarding, including data and fax calls.

blocked callers



Block various types of incoming calls:

 >  **Settings > Call Settings > In-Call Setup > Blocked Callers**

features

TTY calls



Note: A teletypewriter (TTY) is a communication device used by people who are hard of hearing or have a speech impairment. TTY does not work from mobile phone to mobile phone.

Set up your phone for use with an optional TTY device:

 >  **Settings** > **Call Settings** > **In-Call Setup** > **TTY Settings** > **TTY**

change phone line



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

 >  **Settings** > **Call Settings** > **Active Line**



The active line indicator shows the active phone line (see illustration on page 29).

features

network settings



See network information and adjust network settings:

 >  **Settings** > **Network Settings**

fixed dial



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

Note: You must enter your SIM PIN2 code to turn fixed dialing on or off. If you forget your PIN2 code, contact your service provider.

Turn fixed dialing on or off:

 >  **Settings** > **Call Settings** > **Fixed Dialing** > **On or Off**

Use the fixed dial list:

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

features

service dial



Dial service phone numbers stored by your service provider:

 >  **Tools > Dialing Services > Service Dial**

DTMF tones

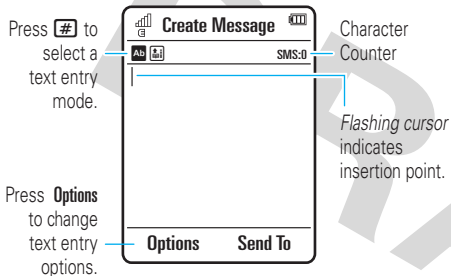
Activate DTMF tones:

 >  **Settings > Call Settings > Dialing Setup > DTMF > Long or Short**

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

text entry

Some features let you enter text.




text entry modes


Ab	“word” mode (see page 53)
Ab	“abc” mode (see page 54)
123	numeric mode (see page 55)
:@	symbol mode (see page 55)




To **change** your global text entry language:

Find it:  >  Settings > Phone Settings > Language and Input > Default Input Language



Change text case: In a text entry screen, press **[0]** to change text case to all capital letters (**[A]**), next letter capitalized (**[a]**), or next letter lowercase (no symbol).

Set word learning: Your phone can learn the words you enter, to improve text prediction and completion. In a text entry screen, press **Options > Text Entry > Set Text Prediction > Learn My Words**. Your phone shows  when word learning is active.





Set text completion: Set your phone to complete words based on the characters you enter. In a text entry screen, press **Options > Text Entry > Set Text Prediction > Offer Completions**. Your phone shows  when text completion is active.

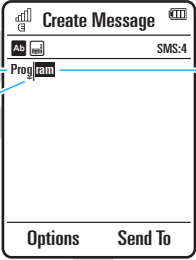
Edit or delete text: In a text entry screen, press  to move the cursor to the right of text you want to edit. Press the *clear/back key*  to delete the character left of the cursor. Hold  to delete word by word.


word mode



To switch to “word” predictive text entry mode, press  in a text entry screen until you see  in the display.



Word mode lets you enter words using one keypress per letter. The phone predicts each word as you enter it.


For example, if you press    , your display might show:



Press  to enter **Prog** & a space.

Press  up/down to see other words. Press  right to select a word.

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

Press  to delete character to left of cursor.

The screenshot shows a 'Create Message' screen with a signal strength indicator, a battery icon, and the text 'SMS:4'. The word 'Program' is being typed, and a prediction bar above it shows 'Ab' and a text completion icon. Below the screen, there are 'Options' and 'Send To' buttons.

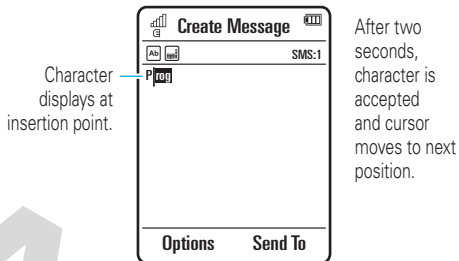
Tip: Need to enter a symbol or punctuation? Press **#** until you see **@** to switch to symbol mode (for more information, see page 55).

abc mode

To switch to “abc” text entry mode, press **#** in a text entry screen until you see **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 might show:





When text completion is activated, your phone tries to guess the rest of the word:

- Press **⬇** to select the suggested word.
- Press **➡** right to enter the suggested word and a space.
- If you want a different word, press keypad keys to enter the remaining letters.





Shortcut: To enter punctuation in abc mode, you can press  to cycle through an assortment of commonly used punctuation symbols.

numeric mode

Press  in a text entry screen until you see . 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/down repeatedly to see different symbols. To insert a symbol, press its key, or scroll to it and press .

messages

text messages

send a message

A message can contain text and pictures, sounds, or other media objects. You can add multiple pages to a message and put text and media objects on each page. You can send a message to other compatible phones or to email addresses.



Find it:  >  Messaging > Messages > Create Message



Shortcut: From the home screen, press **Shortcuts** > **Create Message**.

- 1 Press keypad keys to enter text on the page (to enter text, see page 52).

To insert a **picture, sound, or other media object** on the page, press **Options** > **Insert**. Select the file type

and the file. (**Note:** File size restrictions may apply to pictures and videos sent in a message.)

To insert **another page**, press **Options** > **Insert** > **Page**. You can enter more text and objects on the new page.




- 2 When you finish the message, press **Options** > **Sending Options** to set message options (such as **Subject** and **Priority**).
- 3 When you finish setting message options, press **Save**.
- 4 Press **Send To** to select message recipients. You can:
 - Select one or more entries from your contact list (press  to scroll to an entry, and press  to select it).

- Enter a new number or email address (press **Options** > **Enter Number** or **Enter Email**).

5 Press **Send** to send the message.

Your phone might tell you that this is a multimedia message if it contains multiple pages or media objects. Some phones or networks don't support multimedia messages. Press **Yes** to send the message.


To save or cancel the message, press **Options** > **Save to Drafts** or **Cancel Message**.

Messages that you send are stored in the **Outbox**. Icons next to each message show if the message was **sent** , if the send attempt was **successful** , or if the send attempt **failed** . Press **Options** to perform various operations on a message.

receive a message

When you receive a text message, your phone plays an alert and shows **New Message**. The text




message indicator  appears at the top of the home screen.


To **read** the message, press **View**. If the message contains media objects:

- Pictures and animations show as you read the message.
- Sound files play as you read the message. Press the volume keys on the side of your phone to change the sound volume.
- Attached files are added to the end of the message. To open an attachment, select the file indicator or file name.

To **answer** the message, press **Options** > **Reply**.


When you have unread notifications, the  indicator appears. Press **Shortcuts** > **View Notifications** to read and then press **Clear** to delete.

voicemail

When you **receive** a voicemail message, your phone shows **New Voicemail**, and the voicemail message indicator  appears at the top of the home screen.

To **check** voicemail messages:

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

Shortcut: Your service provider may store your voicemail phone number in speed dial location 1. If so, you can press and hold  in the home screen to listen to your voicemail message(s).

instant messaging

Use instant messaging to share messages with your friends in real time.



Find it:  >  **Messaging** > **IM**, scroll to your IM account, press **Log In**

If you don't have an IM account, select **[New Account]** to create one.

To **find others** online, select **Contact List** to see a list of other users.

To **start a conversation**, scroll to a name in the **Online Contacts** list and press **Send IM**.

To **open an active conversation**, scroll to a name in the **Conversations** list and press **View**.

To end a conversation, press **Options** > **End Conversation**.

To **log out** from your instant messaging session, press **Options** > **Log Out**.

create or edit an IM account

To **create** a new IM account:

Find it:  >  **Messaging** > **IM** > **[New Account]**

To **edit** an existing IM account:

Find it:  >  Messaging > IM, scroll to an account, press **Options** > **Edit Account**

more message features

features

send a prewritten quick note

 >  Messaging > Messages > Templates
> Text Templates > *quick note*, press **Options** > **Send**

To create a new quick note:

 >  Messaging > Messages > Templates > Text Templates,
press **Options** > **Create Template**

features

set up an email account

You can set up and use multiple email accounts on your phone:

 >  Messaging > Email

If no account exists, the phone prompts you to set up a new email account.

Your phone shows a separate folder for each email account.

send email

 >  Messaging > Email

use a multimedia template

Open a multimedia template with pre-installed media:

 >  Messaging > Messages > Templates > MMS Templates

features

read new message or email



When your display shows **New Message**, press **View**.

read old messages



• > **Messaging** > **Messages** > **Conversations**

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

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

read old email



• > **Messaging** > **Email** > *email folder*

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

features

store message objects



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

create folder



Create a personal folder to store your messages.

• > **Messaging** > **Messages** > **My Folders**, press **Options** > **Create Folder**

browser messages



Read messages received by your browser:

When your display shows **New Message**, press **View**.

To activate browser messages and adjust browser message settings:

• > **Messaging** > **Messages**, press **Options** > **Message Settings** > **Browser Messages**

features

info services



Read subscription-based information services messages:

When your display shows **New Message**, press **View**.

To activate information services and adjust info services settings:

 >  **Messaging** > **Messages**, press **Options**
> **Message Settings** > **Info Services**

entertainment

music

Copying and syncing music between your phone and computer has never been easier, with Microsoft™ Windows™ Media Player 11.

To listen to music on your phone, you need to:

- 1 Load music on your computer.
- 2 Transfer music from the computer to your phone.
- 3 Use the music player to play and manage music files on your phone.

Note: The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or

materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

1. load music on your computer

To create a music library on your computer, you can purchase Microsoft™ Windows™ Media DRM-protected music files from supported on-line music stores (such as Urge, Yahoo, and Napster).

You can also **load song files from a music CD** onto your computer:

- 1 Insert the music CD in your computer's CD drive.
- 2 Open Windows Media Player 11.

- 3 Copy the music CD to the media player library (also called *ripping* the CD).

If your computer is connected to the Internet, the media player may retrieve CD information, such as song titles, album name, artist name, and album artwork. This information will display in your phone's music player.

set default format and bit rate for Windows Media Player 11

Windows Media Player 11 lets you adjust format and bit rate settings, to optimize sound quality, or to increase the number of song files you can store on your phone.

Windows Media Audio format offers the optimal balance between file size and sound quality. Song files in this format tend to require more storage space than files that use Windows Media Audio Pro format.

Windows Media Audio Pro format is designed for use in portable devices with limited storage capacity. The

format provides improved sound quality at lower bit rates.

MP3 format is the most popular format for distributing music on the Web. This format offers high sound quality at a reasonable file size.

To set the default file format and bit rate:

- 1 Insert the music CD in your computer's CD drive.
- 2 Open Windows Media Player 11.
- 3 Select the Rip tab in Windows Media Player 11.
- 4 Click the Rip tab down arrow, then choose Format > Windows Media Audio, Windows Media Audio Pro, or mp3.
- 5 Click the Rip tab down arrow again, then choose Bit Rate > *bit rate*.

Tip: To maximize the number of songs you can store on the phone, we recommend setting the bit

rate to 128 Kbps or lower (use the lowest bit rate that provides an acceptable sound quality).

convert iTunes AAC files to MP3 files on your computer

Use the iTunes desktop application to convert standard iTunes AAC files to MP3 files that are compatible with Windows Media Player 11.

Note: The iTunes desktop application can only convert AAC files ripped from a music CD. It can't convert music files purchased from the iTunes store.

- 1 Open the iTunes desktop application on your computer.
- 2 Select Edit > Preferences, then click the Advanced tab and click Importing.
- 3 Open the Import Using pop-up menu, then select the MP3 Encoder option. Click OK to save your settings.

- 4 Select one or more songs in your iTunes music library, then choose Advanced > Convert Selection to MP3.

The converted MP3 file copies appear in your computer's music library alongside the original AAC files.

2. transfer music to your phone

Use Windows Media Player 11 to transfer music from the computer to your phone over a high-speed USB 2.0 cable connection.

Notes:



- Please use Windows Media Player 11 with your phone. Using previous versions of Windows Media Player may compromise your music experience. If necessary, you can download Windows Media Player 11 at www.microsoft.com/windowsmedia.

- Windows Media Player 11 can copy and sync only music files in **Windows Media Audio** format (.wma file extension) or **MP3** format (.mp3 file extension) to your phone. You can't use Windows Media Player 11 to copy pictures or videos to the phone.
- Windows Media Player 11 can't copy or sync music files over a Bluetooth® wireless connection.
- If you don't have Windows Media Player 11 installed on your computer, see the section "manually transfer music to your phone or memory card" on page 70.

When your phone is connected to the computer in media synchronization mode, Windows Media Player 11 treats the phone as a single memory device, and will copy and sync music files to both phone memory and a microSD memory card installed in the phone. (For example, a phone with 1 GB of internal

memory and an 8 GB microSD memory card would appear to have around 9 GB of available memory in Windows Media Player 11.)

on your phone

If desired, insert a memory card in your phone, then press  >  **Settings** > **Connections** > **USB Settings** > **Media Sync/PlayFromDevice**

Note: If your **USB Settings** are set to **Always Ask** the connection type screen is shown every time you connect the USB cable.

Attach a Motorola Original USB cable to the micro USB port on your phone and to an available USB port on the back of your computer. A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.

Note: Some phone functions are temporarily unavailable when a USB connection is active.



on your computer

Open Windows Media Player 11. Your phone appears in the upper right corner of the Windows Media Player 11 screen. The phone's music files are listed on the left side of the screen.

- 1 Select the Sync tab in Windows Media Player 11.
- 2 Drag and drop songs or playlists onto the Sync List on the right side of the Windows Media Player 11 screen.
- 3 Click Start Sync to copy the songs onto the phone.
- 4 When you finish, disconnect your phone from the computer.


3. play music

Tip: Use the phone's built-in stereo speakers to play your music out loud. Use your 3.5 mm wired headset or wireless stereo headphones to enjoy your music in private.

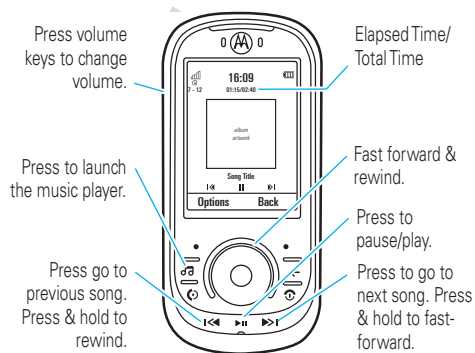
To play music on your phone:

Find it:  > **Music** > *category* > *song* or *playlist*

You can select a song or playlist from the following categories: **All**, **Playlists**, **Artists**, **Albums**, **Genres**, **Ratings**, or **Shuffle All** (play all songs in random order).

Tip: Press and hold  to play music in shuffle mode.

When a song or playlist starts to play, use the following keys to control song playback:



During a song, the music player shows the song title, artist, album, and artwork, if available.


If you receive a call during a song, the song pauses until the call is over.


When a song is playing, press **Options** to select music player options:

options	
Rate	Assign a rating to the song.
Hide	Hide the music player.
Delete	Delete the song file.
Manage	Show song Properties , such as file name, type, and size.
Send to	Send the song in a message or email, or send it to another device over a Bluetooth® connection.
Apply to	Add the song to a playlist or make it a ringtone.


options	
Use Bluetooth/ Use Handset	To send the audio to a Bluetooth® headset, select Use Bluetooth to connect to a recognized Bluetooth headset or search for a new headset. When a Bluetooth audio connection is active, select Use Handset to drop the Bluetooth connection and switch the audio back to the phone.
Buy More	Mark the song for further research. During synchronization with a PC, you'll be prompted to buy more related content.
Setup	Personalize settings.

hide the music player

To **hide** the music player while music plays, press . The phone returns you to the home screen, where you can use the music keys to control song playback.

To **return** to the music player from the home screen, press .

use Bluetooth® stereo headphones


Connect your phone with optional Bluetooth stereo headphones to listen to music stored on your phone. 

To connect your phone to a set of Bluetooth stereo headphones for the first time, make sure the headphones are **on** and **ready** in *pairing or bonding* mode (see the device user's guide).

Find it:  >  **Settings** > **Bluetooth** > **Search For Devices**

Shortcut: From the home screen, press **Shortcuts** > **Find Bluetooth Devices**.

Your phone lists the Bluetooth audio devices it finds within range.

- 1 Scroll to the stereo headphones in the list.
- 2 Press  to connect with the stereo headphones.

adjust audio settings

You can adjust audio settings to optimize the sound quality when listening to music through the phone speaker, stereo headphones, or stereo headset.

To change **playback volume**, press the volume keys on the side of your phone.

To adjust audio settings, press **Options > Setup**, then select your listening method (**Stereo Headset** or **Loudspeaker**).

Stereo headset options:

options	
Stereo	Set surround sound environment.
Surround	
Bass Boost	Set bass level.
Equalizer	Optimize audio settings for the type of music you play.

Loudspeaker options:

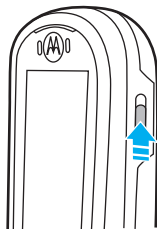
options	
3D Stereo	Set stereo separation level.
Bass Boost	Set bass level.

lock phone keys

You can lock the phone keys to prevent accidental keypresses while playing a song or playlist.




To **lock the phone keys**, slide the *lock key* up (see illustration).

To **unlock the phone keys**, slide the lock key down or open the slider.



perform other tasks while playing music

To take **pictures** or record **videos** while playing music:



- 1 From the music player screen, press  to go to the home screen.
- 2 Press **Main Menu** >  **Multimedia** > **Camera** to activate the camera.
- 3 Press  to take a photo.

or


Press **Options** > **Mode** > **Video Camera** to switch to video camera mode, then press  to record a video.

Note: Music playback pauses while you record a video, and may pause momentarily when you take a picture.

To use the **browser** while playing music:

- 1 From the music player screen, press  to go to the home screen.
- 2 Press **Main Menu** >  **Mobile Internet** to open the browser.

To return to the **music player** from another application:

- 1 Press  to exit the application.

- 2 Press  to return to the music player.

manually transfer music to your phone or memory card

Without using Windows Media Player 11, you can manually copy or sync music files from the computer to phone memory, or to an optional microSD memory card in the phone. (To insert a memory card, see page 18).

supported audio formats

Before you copy audio files to your phone, make sure the files are in a format the phone recognizes: AMR-NB, AMR-WB, AAC, AAC+, AAC-LC, Enhanced AAC, MP3, MPEG4, PCM, WMA, Real Audio LBR, Real Audio Sipro, and, Real Audio 10.

on your phone

Press  >  Settings > Connections > USB Settings > Memory Card

Note: If your USB Settings are set to Always Ask the connection type screen is shown every time you connect the USB cable.

Attach the Motorola Original USB cable to the micro USB port on your phone and to an available USB port on the back of your computer. A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.



on your computer

Your phone and memory card appear as two separate removable disks on your computer.

- 1 Find where your phone and memory card appear as Removable Disk icons. On a Windows™ PC,

this is the My Computer window. On a Macintosh™ computer, it's on the desktop.

- 2 Double-click the Removable Disk icon for your phone or memory card.
- 3 To copy the desired files onto the phone or memory card, drag and drop them onto the appropriate removable disk icon.
- 4 When you finish, remove the phone safely from your computer:
 - **If you are using a PC**, click the Safely Remove Hardware icon in the system tray at the bottom of your computer screen, then select Safely Remove USB Mass Storage Device.
 - **If you are using a Mac**, select and drag the Removable Disk icon to the Trash.

create a playlist

create a playlist on your computer

Use Windows Media Player 11 to create a playlist of music files stored on the computer.





On your phone, press  >  **Settings** > **Connections** > **USB Settings** > **Memory Card**.

Connect your phone to the computer through a USB cable connection, then drag and drop the playlist onto the phone or memory card.

create a playlist on your phone

Find it:  > **Playlists** > **Create New Playlist** or **Options** > **Create Playlist**

- 1 Enter a name for the playlist.
- 2 Select a storage location for the playlist (**Memory Card** or **Phone Memory**), then press **Save**.

- 3 Scroll to the playlist you created, and press  to select it.
- 4 Scroll to **Add Songs**, and press  to select it.
- 5 Scroll to **All**, **Artists**, **Albums**, or **Genres**, and press  to select it.
- 6 Scroll to the songs you want to add, and press  to select them.
- 7 Press **Add** to add the selected songs to the playlist.
- 8 Repeat the procedure to add more songs, or press **Back** to return to the **Playlists** menu.


play a playlist

Find it:  > **Playlists**, scroll to the playlist, press **Options** > **Play**

personalize the music player


Find it:  > Options > Media Finder Settings


You can select the following options:

options	
Shuffle	Play songs in a random order.
Auto- Repeat	Replay the current playlist when the last song finishes playing.
Stereo Headset	Optimize audio settings for a connected stereo headset.
Loudspeaker	Optimize audio settings for your phone's internal stereo speakers.
Internet Connection	Set your Internet connection preferences. 

When you scroll to a song or a list and press **Options**, you may see additional options for the song or list, such as **Remove**, **Delete**, **Send to**, and **Apply to**.

close the music player

To close the music player when the **music player screen** is visible, press  twice.

To close the music player from the **home screen**, when the music player is partly visible, press  once or press **Shortcuts** > **Stop Music**.

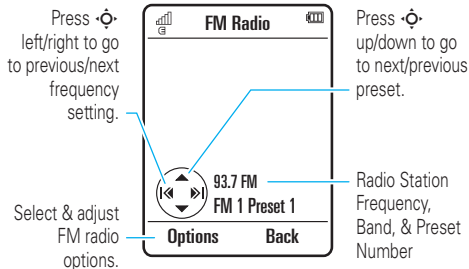
FM radio

use the FM radio

You can use your phone to listen to FM radio stations.

Tip: Use the phone's built-in stereo speakers to listen to the radio out loud. Use your 3.5 mm wired headset or wireless stereo headphones to enjoy the radio in private.

Find it:  >  **Multimedia > Radio**





To **adjust radio volume**: Press the volume keys on the side of your phone.

To **store a preset** station: Press and hold a number key (**1** through **9**) to assign the number to the current tuned station. You can store nine presets in each of three separate FM bands (see the “radio options” section for details).

To **select a stored preset** station: Press the number key to select the preset station.

hide the radio

To **hide** the radio while listening to a station, press . The phone returns you to the home screen.

To **return** to the radio from the home screen, press  up.

radio options

From the radio screen, press **Options** to select radio options:

options

Mute/Unmute

Mute or unmute the radio.

Shortcut: Press  to mute and unmute the radio in the radio screen.

options


Switch to Speaker/Switch to Bluetooth/Switch to Handset To send the audio to the handset speakers, select **Switch to Speaker**.
To send the audio to a Bluetooth® headset, select **Switch to Bluetooth** to connect to a recognized Bluetooth headset or search for a new headset.


To send the audio to the handset with the 3.5 mm headset connected, select **Switch to Handset**.

Switch Bands Switch between bands **FM 1**, **FM 2**, and **FM 3**. Each band can store nine presets (select presets by pressing number keys **[1]-[9]**).

Shortcut: Press **[#]** to switch bands in the radio screen.

options

Scan Briefly hear each station your phone can receive. Press  to stop the scan.

Scan Presets Briefly hear each stored preset station. Press  to stop the scan.

Presets List See the list of preset stations.


record the radio

To **record** the radio while listening to a station, press **Options > Record Radio**. Press **Stop** when you have finished recording.

To **change** your radio record settings, press **Options > Record Settings > FM Radio Record Title or Storage Location**.

To **play** your radio recording press  >  **Multimedia > Media Finder > Voice Notes > radio recording**.

close the radio

To close the radio when the **radio screen** is visible, press  twice.

To close the radio from the **home screen**, press  once.

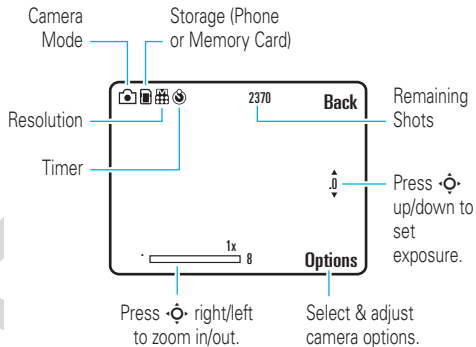
camera


take a photo

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

Shortcut: Press the *smart key* on the side of your phone to activate the camera.

Close the slider and turn the phone sideways to use the camera. The phone display acts as the camera *viewfinder*:



To take the photo in the viewfinder, press .

review menu

The review menu lets you immediately choose what you want to do with each photo you take. To activate

the review menu, from the camera viewfinder screen, press **Options > Settings > Review Menu > On**.

The review menu appears when you take a photo. You can choose to **Send in Message**, **Send to** (email, Bluetooth connection, or blog), **Apply to** (wallpaper, screensaver, new or existing contact), **Edit**, **Print via** (Bluetooth connection, USB connection, or memory card), **Delete**, **Review**, or go **Back to Camera**.

quick send

You can automatically send photos to a contact you specify.

To activate quick send, from the camera viewfinder screen, press **Options > Settings > Quick Send > On**, then follow the prompts to select a contact.

When you take a photo, the phone asks whether you want to send the photo to the quick send contact.

Tip: To send your photo in an MMS text message, the picture resolution must be set to **1 MP** or **3 MP**. To set

resolution: from the camera viewfinder screen, press **Options > Settings > Resolution**.

auto blog

You can automatically send photos to your Web blog.




To activate auto blog, from the camera viewfinder screen, press **Options > Settings > Auto Blog > On**, then follow the prompts to enter your blog service information.

view photos

To review, use, or delete photos stored on your phone:

Find it:  >  **Multimedia > Media Finder > Photos > Captured > photo**

camera options

When the camera viewfinder is active, press **Options**, then press  left/right to select from these options:

options	
Review	Review your photos and videos.
Mode	Switch to the video camera.
Scenes	Select Auto , or Night .
FX (picture effects)	Select None , Black & White , Antique , or Negative .
WB (white balance)	Set lighting conditions: Automatic , Indoor , Fluorescent , Sunny , or Cloudy .
Auto-Timer	Set a timer to take a photo.

options

Settings

Adjust camera settings:

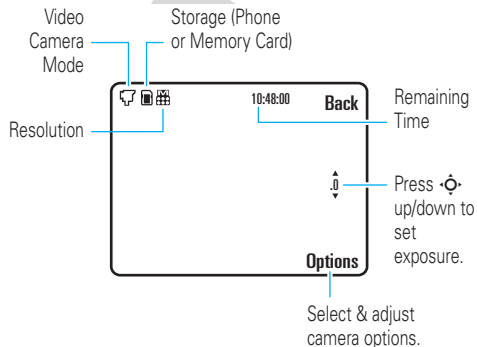
- Resolution
- Quick Send
- Auto Blog
- Review Menu
- Review Time
- Storage Location
- Time/Date Stamp



videos

record a video

Find it:  >  Multimedia > Video Camera

Close the slider and turn the phone sideways to use the video camera. The phone display acts as the video camera *viewfinder*.



- 1 To begin video recording, press .
- 2 To stop video recording, press  again.

Note: To send your video in an MMS text message, the video quality must be set to **MMS**. To set video quality: from the video camera viewfinder screen, press **Options** > **Settings** > **Quality**.

review menu

The review menu lets you immediately choose what you want to do with each video you record. To activate the review menu: from the video camera viewfinder screen, press **Options** > **Settings** > **Review Menu** > **On**.

The review menu appears when you record a video. You can choose to **Send in Message**, **Send to** (email, Bluetooth connection, or blog), **Delete**, **Review**, or go **Back to Camera**.


auto blog

You can automatically send videos to your Web blog.



To activate auto blog: from the video camera viewfinder screen, press **Options** > **Settings** > **Auto Blog** > **On**, then follow the prompts to enter your blog service information.

video recording options

When the video camera viewfinder is active, press **Options**, then press  left/right to select the following options:

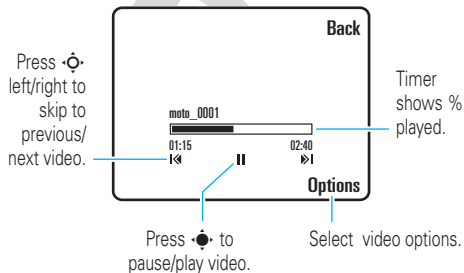
options	
Review	Review your photos and videos.
Mode	Switch to the photo camera.
FX (video effects)	Select None , Black & White , Antique , or Negative .
WB (white balance)	Set lighting conditions: Automatic , Indoor , Fluorescent , Sunny , or Cloudy .

options

options	
Settings	Adjust video camera settings: <ul style="list-style-type: none">• Quality• Auto Blog• Review Menu• Storage Location

play a video

Find it:  >  Multimedia > Media Finder > Videos > Captured
> video



video playback options

When a video is playing, press **Options** to select video options.

Note: Your phone's options may vary. Most options apply only to user-recorded videos, and are not available for pre-installed videos.

options	
Delete	Delete the video.
Zoom	See the video at actual size, or scale the video to fit the viewing area.
Send To	Send the video in a message or email, or send it to your Web blog.

options

Use Bluetooth/ To send the audio soundtrack to a
Use Handset Bluetooth® headset, turn on Bluetooth power, then select **Use Bluetooth** to connect to a recognized Bluetooth headset or search for a new headset.

When a Bluetooth audio connection is active, select **Use Handset** to drop the Bluetooth connection and switch the audio back to the phone.

Note: This option appears only when Bluetooth power is turned on.


Manage See video **Properties**, such as file name, type, and size.

Setup Adjust video playback settings.



supported video formats

Before you copy video files to your phone, make sure the files are in a format the phone recognizes: AMR-NB, AMR-WB, AAC, AAC+, Enhanced AAC, MPEG4, PCM, WMA, Real Audio + Video, WMV, and WMA.

browser

Use your phone's full HTML browser to surf to your favorite Web sites, upload videos to a video blog, and download files and applications to your phone. Log on to your Internet-based email account to check your email on the go. 

Find it:  >  **Mobile Internet** > **Browser**

Press  up/down/left/right to scroll through Web pages. Scroll to a link and press  to select it.

Press **Back** at any time to return to the previous screen.

Some Web pages may contain a text entry window for exchanging information with a Web site. Scroll to the window, select it, and enter text as usual (for information about entering text, see page 52).

To **go to a Web page**, press **Options** > **Go to**, enter the Web address, and press **Go**.

To **bookmark** the current Web page, press **Options** > **Active Page** > **Add Bookmark**.

To go to a **bookmarked Web page**, press **Options** > **My Bookmarks** > *bookmark*.

To **change the homepage** that appears when you open the browser, go to the Web page you want to use, then press **Options** > **Active Page** > **Use as Homepage**.

To **upload** a video to a video blog site, see page 80.

To **download** a media file, theme, or Java™ game or application to your phone, go to the page that links to the file, scroll to the link, and select it.






To **exit** the browser, press **Exit**.

perform a Google search

Use your phone's browser to perform a Web search by using the Google Web site.



Find it:  >  **Mobile Internet** > **My Bookmarks**

- 1 Press  to scroll to the **Google** bookmark, and press  to select it.
- 2 Press  to select the Google text entry window.
- 3 Enter a search topic in the text entry window.
- 4 Press  down to scroll to the Google Search button, and press  to select it.

The browser shows the results of your search.

check your email

Check your personal Web-based **email** account (like Hotmail, Gmail, or Yahoo).



Find it:  >  **Mobile Internet** > **Go to URL**

- 1 Enter the Web address for your Web-based email account, then press **Go**.

manage certificates

Enable or disable Internet access certificates stored on your phone.



Find it:  >  **Settings** > **Security** > **Certificates**

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

widgets

Widgets are small, Web-based applications you can install on your phone for instant access to Web 2.0 services and content. Your phone may come with some pre-installed widgets, and you can download more to personalize the content and services that matter to you.



Note: You must have browser service activated on your phone to use widgets. You may incur additional data charges when accessing the **Widgets** application. Contact your service provider for more information.

install a widget

Find it:  >  **Widgets**

- 1 If no widgets are installed on your phone, select **Get Widgets** from the widget library screen.



or

If one or more widgets are installed on your phone, press **Options** > **Get Widgets** from the widget library screen.

- 2 Your phone launches the phone browser and takes you to the widgets download page. Scroll to the widget you want to install, and select it.



download a widget from a computer

To download a widget from a computer to your phone:

- 1 Connect your phone to the computer over a USB cable connection. (For more information about using USB cable connections, see page 99.)
- 2 Set USB mode to memory card (press  >  **Settings** > **Connections** > **USB Settings** > **Memory Card**).
- 3 Open the optional Motorola Phone Tools accessory application on the computer, and use the Phone

Tools application to transfer the widget MPKG installation package to your memory card.

Alternatively, you can download a widget MPKG installation package to your phone over a Bluetooth connection, or send the file to your phone in an SMS message or email message.



Use the **File Manager** application ((press  >  **Tools** > **File Manager**) to locate the widget file you downloaded. Select the file to install the widget to the widget library.

use widgets

To **view and use** the widgets installed on your phone:

Find it:  >  **Widgets**

Shortcut: From the home screen, press **Shortcuts** > **Widget Library**.

Press  up/down/left/right to scroll to an active widget you want to use. Press  to launch the widget.

Icons for the widgets installed in the widget library are separated into two categories, **Active** and **Inactive**. Only active widgets can be used (new widgets are installed as active by default). Your phone is limited in the number of widgets that can be active at one time.

To **reorder** the active widgets or inactive widgets list:

From the widget library screen, press **Options > Reorder**, scroll to the feature you want to move, press **Grab**, scroll to the destination location, press **Insert**.

To **activate or deactivate** a widget installed on your phone:

Scroll to the widget, then press **Options > Activate** or **Deactivate**.



install & use WebUI applications

WebUI applications are Web-based applications you can install and use on your phone.

To **download** a WebUI application, you can use any of the methods used to download a widget to your phone (see page 85).

To **install** the WebUI application:

Find it:  >  **Tools > File Manager**

- 1 Press  to scroll to the file you downloaded.
- 2 Press  to select the file and launch the installation program.
- 3 If the WebUI application is unsigned, the installation program asks if you want to continue. Select **Continue**.
- 4 If the developer did not specify a menu location, you are prompted to select the location where you want to install the WebUI application:

- **Messages**
- **Tools**
- **Dialing Services**
- **Multimedia**

- Games

Select the location you want.

To **launch** the WebUI application:

Navigate to the location where you installed the WebUI application, and press  to launch the application.



fun & games

features

start a game or application



Start a Java™ game or application:

 >  Games > *game or application*

features

airplane mode

Turn off your phone's, Bluetooth wireless features, and calling features in locations where wireless phone use is prohibited. This lets you use the camera, music player, and other non-network features while you are on an airplane, without interfering with airplane communications.

 >  Settings > Phone Settings > Airplane Mode > On

To reactivate your phone's calling features, turn off airplane mode.



tools

contacts

New contacts that you create are stored in both **phone memory** and on your **SIM card**. The contact information stored in phone memory can include multiple phone numbers, email addresses, and personal information. Only the contact name and phone number(s) are stored on the SIM card

features


call a contact

•◂ >  **Contacts**, scroll to the contact, press  to call





Note: If a contact has multiple phone numbers or email addresses, press •◂ left/right to select the number or email address you want.

features


store new contact

•◂ >  **Contacts**, press **Options** > **Create** > **Contact**

Shortcut: From the home screen, press **Shortcuts** > **Create Contact**.


Press •◂ left/right to select the **details** tab , **address** tab , **ID** tab , or **notes** tab . Press •◂ up/down to scroll to information you want to change, then press •◂ to select it.

send message to contact

•◂ >  **Contacts**, scroll to the contact, press **Options** > **Send** > **Message**



features

send email to contact

•◂ >  **Contacts**, scroll to the contact, press **Options**
> **Send** > **Email**

Note: This option appears only when the contact has an email address.



add another phone number or email address to contact

•◂ >  **Contacts**, scroll to the contact, press **Options**
> **Edit Contact**, press •◂ left/right to select the **details** tab , press •◂ up/down to scroll to an empty **Number** or **Email** field, press •◂ to select it

features



set picture ID for contact

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

•◂ >  **Contacts**, scroll to the contact, press **Options**
> **Edit Contact**, press •◂ left/right to select the **ID** tab , press •◂ up/down to scroll to **Picture ID**, press •◂ to select it

set ring ID for contact

Assign a distinctive call alert (*ring ID*) for a contact:

•◂ >  **Contacts**, scroll to the contact, press **Options**
> **Edit Contact**, press •◂ left/right to select the **ID** tab , press •◂ up/down to scroll to **Ringtone**, press •◂ to select it

features

create group

Add contacts to a group message list or email list:

☰ > 📁 Contacts, press Options > Create > Group

create and use private contacts

Identify one or more contacts as private contacts.

You must enter your six-digit security code to see the private contacts on your contact list.

☰ > 📁 Contacts, press Options > Contacts Settings
> Private Contacts

set contact list sort order

☰ > 📁 Contacts, press Options > Contacts Settings
> Default Sort Order > First Name or Last Name

features

manage SIM card contacts

☰ > 📁 Contacts, press Options > Contacts Settings
> SIM Card Manager

Delete contacts stored on your SIM card, or import contact to the SIM card from phone memory, or from another location.

copy SIM card contacts to phone memory

Press ☰ > 📁 Contacts, press Options > Import Contacts
> SIM Card, press Options > Select All, press Import.


copy phone memory contacts to SIM card

Press ☰ > 📁 Contacts, press Options > Contacts Settings
> SIM Card Manager, press Options > Import Contacts
> Phone Contacts, press Options > Select All, press Import.

features

send contact(s) to another device


Send one or more contacts to another phone, computer, or device:

• >  **Contacts**, scroll to the contact, press **Options** > **Share**, press • to select the current contact, press • up/down to scroll to **Bluetooth**, **Messaging**, or **Email** transfer method, press **Select** to select it

To send multiple contacts, press **Options** > **Share** > **Multiple Contacts** (instead of the current contact).

delete contact(s)

Delete one or more contacts from your contact list:

• >  **Contacts**, scroll to the contact, press **Options** > **Delete**, press • to select the current contact, press **Yes** to confirm deletion

To delete multiple contacts, press **Options** > **Delete** > **Multiple Contacts** (instead of the current contact).

personal organizer


features

set alarm

• >  **Tools** > **Alarm Clock**

turn off alarm

When the display shows an alarm:

To turn off the alarm, press **Dismiss** or .


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

set calendar default view

• >  **Tools** > **Calendar**, press **Options** > **Calendar Setup** > **Default View** > **Month** or **Week** or **Day**


features

add new calendar event

•◂◃ >  **Tools** > **Calendar**, scroll to the day and/or start time, press ◂◃, enter event details

You can set a music or sound file, voice note, or video as an event reminder alert. When creating a calendar event, select **Calendar Alert** > *alarm type*, scroll to the file (or create a new file), press **Insert**.

see calendar event

•◂◃ >  **Tools** > **Calendar** > *event*

To edit event details, press **Options** > **Edit**.

calendar event reminder

When the display shows an event reminder (and optionally plays an event reminder alert):


To see reminder details, select **Open Event**.

To close the reminder, press **Dismiss**.

features


send calendar event to another device

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

•◂◃ >  **Tools** > **Calendar** > *event*, press **Options** > **Share via** > **Bluetooth** or **Message** or **Email**

manage downloaded files

Manage files and applications that you've downloaded onto your phone from the browser or over a Bluetooth® connection:

•◂◃ >  **Tools** > **Download Manager**

world clock

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

•◂◃ >  **Tools** > **World Clock**

features

task list

Create a checklist of tasks you need to perform, and set your phone to notify you when task deadlines arrive:

 >  **Tools** > **Task List**

notes




Write and store notes on your phone:

 >  **Tools** > **Notes**

features

record voice note

Record a voice note reminder to yourself, or record a phone call in progress:

 >  **Multimedia** > **Voice Recorder**, press  to start recording, press **Stop** to stop recording

To save the voice note, press **Save**.

To perform various operations on the voice note, press **Options**.

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.

features

play voice note


Play back a voice note you've recorded:

◀ ● ▶ >  **Multimedia** > **Media Finder** > **Voice Notes**
> *voice note*

calculator

◀ ● ▶ >  **Tools** > **Calculator**

To use the calculator as a currency converter:

◀ ● ▶ >  **Tools** > **Calculator**, press **Options** > **Set Exchange Rate**,
enter exchange rate, press **Set**, enter amount, press
Options > **Convert Currency**

connections

Bluetooth® wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with an optional Bluetooth headset or Bluetooth car kit to make handsfree calls, or with a set of Bluetooth stereo headphones to listen to music stored on your phone. Connect your phone with a device that supports Bluetooth connections to exchange files, connect with a printer that supports Bluetooth connections to print images, or use your phone as a Bluetooth wireless modem to connect to the Internet.



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

turn Bluetooth power on & off

Your phone automatically turns Bluetooth power on when you use a Bluetooth feature.

To turn Bluetooth power on or off at any time:

Find it:  >  **Settings** > **Bluetooth**, press **Options**
> **Setup Bluetooth** > **Bluetooth Power** > **On** or **Off**

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


use a Bluetooth headset or handsfree car kit

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

Find it:  >  **Settings** > **Bluetooth**, press **Options**
> **Search For Device** > **Headset**

Shortcut: From the home screen, press **Shortcuts**
> **Find Bluetooth Devices**.

Your phone lists the Bluetooth audio devices it finds within range.

- 1 Scroll to a device in the list.
- 2 Press  to connect with the highlighted device.

copy files to a device

You can copy a media file, contact, calendar 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. Also, make sure the device is not busy with another Bluetooth connection.

- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press **Options**, then select:
 - **Send via** > **Bluetooth** for an image or sound file, calendar event, or bookmark.
 - **Share** > *contact* > **Bluetooth** for a contact.

- 3 Select a recognized device name.

or

Select **[Search For Devices]** to search for new devices, then select the device where you want to copy the object.




- 4 Press **Options > Send**.
- 5 If necessary, enter a mutually agreed upon passkey (such as **0000**) on your phone and the device, then press **OK** to connect to the device.

Your phone shows **Sending** while the file is transferred. When file transfer is complete, the phone shows **Send Successful**, and prompts you to press **OK** to continue.

receive files from a device

Before you try to receive a file from another device, make sure your phone's Bluetooth power is **on** (see page 95).

Place your phone within range (approximately 10 meters/30 feet) of the other Bluetooth device, and send the file from the device.

If your phone and the sending device were not previously paired, place your phone in discoverable mode so the sending device can locate it. Press  >  **Settings > Bluetooth**, press **Options > Discoverable On 3 Minutes**. The Bluetooth indicator  in the home screen flashes when your phone is in discoverable mode.

Your phone shows **Incoming Transfer** while the file is transferred. When file transfer is complete, the phone shows **Successful**, and tells you where the file was stored.

send a photo to a printer

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

Note: You can print A4, US Letter, and 4x6 size pages. To print another size, copy the image to a linked computer and print it from there.

- 1 On your phone, take a new photo or scroll to a stored image that you want to print, then press **Options > Print via > Bluetooth**.

Note: If you see **Service Not Supported** when you try to print, select **Send To > Bluetooth** instead. (The **Send To** option does not print the image name or date stamp.)


- 2 Select a recognized printer name, or press **Options > Search For Printers** to search for another printer where you want to send the image.
- 3 If available, modify print options.

more Bluetooth features

Note: A device is *recognized* after you connect to it once (see page 96).

features


pair with recognized device

Press  >  **Settings > Bluetooth**, press  left to select the **My Devices** tab, press  up/down to scroll to the device name, press  to connect. 

drop connection with device

Scroll to the connected device name and press  to disconnect. 

remove device from device list

Scroll to the device name and press **Options > Remove Device**. 

Note: You can't remove a device from the list while your phone is connected to it.

features

switch audio to Bluetooth® headset or Bluetooth car kit during call



Press **Options** > **Use Bluetooth**.

To switch audio back to the phone, press **Options** > **Use Handset**.

edit properties of recognized device



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

set Bluetooth® options

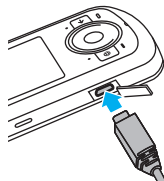


Press **•••** > **Settings** > **Bluetooth**, press **Options** > **Setup Bluetooth**.

cable connections



To transfer data between your phone and a computer, insert the micro USB port connector plug from a USB cable into your phone's micro USB port. Connect the other end of the cable to the computer.





Note: A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately. Check your computer to determine the type of cable you need.







Note: Some phone functions are temporarily unavailable when a USB connection is active.



The default USB connection type setting is **Always Ask**. When **Always Ask** is the setting the connection type



screen is shown every time you connect the USB cable.

To use Windows Media Player 11 to sync music files from a computer to your phone: Press  >  **Settings** > **Connections** > **USB Settings** > **Media Synch/PlayFromDevice**, then connect your phone to the computer.



To manually transfer music, pictures, and videos between your computer and phone (phone memory or installed memory card): Press  >  **Settings** > **Connections** > **USB Settings** > **Memory Card**, then connect your phone to the computer.

To use your phone to synchronize your images: Press  >  **Settings** > **Connections** > **USB Settings** > **Image Synchronization**), then connect your phone to the computer.



To use your phone as a modem: Press  >  **Settings** > **Connections** > **USB Settings** > **Modem**), then connect your phone to the computer.

To charge your phone: Press  >  **Settings** > **Connections** > **USB Settings** > **Charge Only**), then connect your phone to the computer.

To **transfer contact lists and calendar entries** between your phone and computer: Connect your phone to the computer, then open the optional Motorola Phone Tools accessory application on the computer. You can also use the Motorola Phone Tools application to transfer and sync music files from the computer to your phone. The Phone Tools software automatically switches your phone to the proper connection setting required to sync the phone. See the Phone Tools user's guide for more information.

To make data calls through a computer: Press  >  **Settings** > **Connections** > **USB Settings** > **Modem**, then connect your phone to the computer. Use the computer application to place or answer the call.

To create a new data connection on your phone, press  >  **Settings** > **Connections** > **Data Connections** > **Add a Connection**.

To print an image over a USB PictBridge connection: Press  >  **Settings** > **Connections** > **USB Settings** > **USB Printing**, then connect your phone to a PictBridge-compatible printer. Select the image(s) you want to print, then press **Options** > **Print via** > **USB**.

end a USB connection

Caution: Do not disconnect your phone from the computer while files are being transferred.

On a PC running Windows XP™ or later: When file transfer is complete, remove the USB cable from your phone and computer.

On a PC running an earlier version of Windows™

OS: Click the Safely Remove Hardware icon in the system tray at the bottom of your computer screen,

then select Safely Remove USB Mass Storage Device. Remove the USB cable from your phone and computer.

On a Macintosh™ computer: Select and drag the Removable Disk icon to the Trash. Remove the USB cable from your phone and computer

sync

You can use several different over-the-air connection methods to synchronize information between your phone and a remote server.



Exchange ActiveSync

Use the Internet to synchronize your phone's contact list, calendar entries, and email with an email account on a Microsoft™ Exchange 2003 server.



set up Exchange ActiveSync

Confirm that the **Mobility** option is enabled on the email account, and that **data service** is activated with

your phone service provider (additional fees may apply for this service).



To set up an ActiveSync partner:

Find it:  >  Tools > Sync > Exchange ActiveSync



Enter your email account and server information, including **User Name**, **Password**, **Domain Name**, **Server Name**, and **Data Connection** details. If necessary, contact your system administrator to obtain the information you need, or to help you connect your phone to the server.

use Exchange ActiveSync

Schedule your phone to **automatically** synchronize data with an Exchange ActiveSync partner:

Find it:  >  Tools > Sync > Exchange ActiveSync, press **Options** > **Edit** > **Auto Sync** > **On**, press **OK** to enter the time and days you want to synchronize

To **manually** synchronize your contacts, calendar, and email:

Find it:  >  Tools > Sync > Exchange ActiveSync press **Options** > **Sync**

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.

SyncML

Call a SyncML Internet server and synchronize your phone's contact list and calendar entries with the server.



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

Find it:  >  Tools > Sync > SyncML

If no SyncML 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.

Note: If your phone can't connect to the server, verify that your phone's network service provider has data

service activated on your phone (additional fees may apply for this service).

file manager

Manage music and sound files, photos, videos, and other files stored on your phone, and on an optional removable microSD memory card.

Find it:  >  Tools > File Manager

Select a folder or **Memory Card** to see its contents.

To **play** a sound file or voice note, or **view** a photo or video, just scroll to the file and select it.

To **edit** a file: Scroll to the file and press **Options > Manage** to copy, move, or rename it. Other options let you delete, send, or apply the file. You can't perform some operations on some copyrighted or pre-installed files.

To **copy files** between your phone and a computer, you can use a cable connection (see following section) or a Bluetooth® connection (see page 96).


format memory card

You must format a new memory card before you can use it with your phone.

Caution: Formatting a memory card **erases** all files stored on the memory card.

To format an installed memory card:

Find it:  >  Tools > File Manager

- 1 Press  to scroll to the memory card.
- 2 Press **Options > Manage > Format**.
- 3 Select **Format** to confirm that you want to format the memory card.

see memory card properties

To see memory card properties (such as name and available memory):

Find it:  >  Tools > File Manager

- 1 Press  to scroll to the memory card.
- 2 Press **Options** > **Manage** > **Properties**.

move or copy files between phone and memory card

Caution: When you **move** a file to a new location, the file is **deleted** from its original location.

Find it:  >  Tools > File Manager

- 1 Scroll to the file you want to move or copy.

- 2 Press **Options** > **Manage** > **Move** or **Copy**.

Note: The **Move** and **Copy** options do not appear if the file is copyright-protected.

- 3 Scroll to the destination location, then press **Place**.

phone software updates

Sometimes, we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find out if your phone can be updated at: www.hellomoto.com/update



Your service provider may send updated phone software over-the-air to your phone. When your phone receives a software update, you can install it immediately, or defer installation until later. To install a deferred software update:

Find it:  >  Settings > Phone Settings > Update Software

service & repairs

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

Go to www.motorola.com/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 wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR

level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is **0.76 W/kg**, and when worn on the body, as described in this user guide, is **0.54 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.

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>

Privacy and Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, see the section entitled "master clear" or "delete data" in the user's guide.

Note: For information on backing up your mobile device data before erasing it, go to www.motorola.com and navigate to the "downloads" section of the consumer Web page for "Motorola Backup" or "Motorola Phone Tools."

- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

OPEN SOURCE SOFTWARE INFORMATION

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device you may send your request in writing to:

MOTOROLA, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website opensource.motorola.com also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please select "Legal Notices" from Phone Settings.

Smart Practices While Driving

Drive Safe, Call Smart

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only. Go to www.motorola.com/callsmart (in English only) for more information.

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

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.



- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

index

A

- accessories 45, 68, 95
- active line indicator 29
- active line, change 50
- airplane mode 87
- alarm clock 91
- alert
 - set 34, 37
 - turn off 29, 43
- alert style indicator 29
- answer a call 23
- answer options 46
- audio file formats 70

B

- battery 21
- battery charge light indicator 2

- battery indicator 29
- battery life, extend 37, 39, 95
- Bluetooth indicator 2, 28
- Bluetooth wireless 68, 95
- bonding. See Bluetooth wireless
- brightness 39
- browser 60, 82, 83, 84, 92
- browser messages 60

C

- calculator 94
- calendar
 - add event 92
 - send event 92
 - set view 91
 - synchronize 101, 102
- call
 - answer 23
 - answer options 46
 - end 23
 - make 22, 23
 - waiting 49
- call alert 89
- call barring 32, 49
- call forward indicator 29
- call forwarding 49
- call timers 47
- caller ID 44, 89
- camera 76, 78
- car kit 45
- center key 17
- certificates 84
- clear/back key 2, 53
- clock 35
- codes 32, 33
- conference call 49

contact list
 add entry 23, 88
 copy contacts 90
 copy contacts to phone or SIM
 90
 dial entry 23
 picture ID 44
 search 23
 send contact 91
 synchronize 101, 102
costs, track 47
customer support 105
customize 34

D

data call 47
date 35
delete data 41
delete text 53
dial a phone number 22, 23, 50, 51
dialed calls 43

display 3, 27, 39
download files 83
download manager 92
drafts folder 57
driving tips 108
DTMF tones 51

E

earpiece volume 29
EDGE indicator 28
email
 read 60
 send 59
 synchronize 101
email address 23, 88
emergency number 45
end a call 23
end key 23
Enter Unlock Code message 32

F

FastScroll touch wheel 25
feature icons 40
file manager 103
fixed dial 50
flip 23
forward calls 49

G

GPRS indicator 28
group mailing list 90

H

handsfree speaker 32
headset 45
headset jack 66
hold a call 48
home screen 3, 27, 40

I

- IM 58
- IM indicators 28
- in-call indicator 29
- Incoming Call message 44
- information services 61
- instant messaging. See IM
- international access code 48

K

- keypad volume, adjust 34

L

- language 41
- left soft key 2
- line 1 and line 2 29
- linking. See Bluetooth wireless
- location indicator 28
- lock
 - applications 33

- keys 69
- phone 33
- SIM card 33
- lock key 2
- Low Battery message 29

M

- main menu, personalize 40
- make a call 22, 23
- media playback 34
- media volume, adjust 34
- memory card 18, 103, 104
- menu 3, 27, 40
- menu icons 27, 40
- menu, personalize 40
- message
 - read 57, 60
 - send 56
- message indicator 28, 57
- messaging. See IM
- micro USB port 2, 22

- microphone 2
- Missed Calls message 44
- multimedia message 56
- music control keys 2
- music key 2
- mute a call 48

N

- navigation key 17
- network settings 50
- notes 93
- number entry 55

P

- pair with recognized device 98
- pairing. See Bluetooth wireless
- passwords. See codes
- personalize 34
- phone number
 - store 23, 88
 - your number 24, 50

photo 76
picture ID 44, 89
PIN code 32, 33
PIN2 code 32, 50
power key 22
predictive text entry 53
printing 98, 101

Q

quick note 59

R

radio 29
received calls 43
recent calls 43
redial 44
repairs 105
reset settings 41
resolution 78
return a call 44
right soft key 2

ring ID 45, 89
ringer volume, adjust 34, 35
ringtone 34, 37, 67

S

screensaver 36, 37, 39
security code 32
send key 22, 23
service dial 51
shortcuts 25
signal strength indicator 28
silent alert style 34
SIM Blocked message 33
SIM card 17, 32, 33, 50, 51
SIM card, delete information 42
skin 37
slide closed 30
slide tone 30
smart key 2, 30
soft keys 27
software update 104

speakerphone 45
speed dial 48
spinner 40
stereo headphones 68
store phone numbers 23, 88
store your phone number 24
support 105
symbol entry 55
synchronize 101, 102

T

talking phone 31
task list 93
technical support 105
templates 59
text edit 53
text entry 52
text message 56
text templates 59
theme 37
time, set 35

timers 47
touch wheel 2, 25
transfer a call 49
TTY device 50
turn phone on/off 22

U

unlock
 applications 33
 keys 69
 phone 32, 33
 SIM card 33
unlock code 32, 33

V

vibrate alert style 34
video 78
video file formats 82
voice commands 30
voice dial 30, 46
voice note 93, 94

voice quality 43
voicemail 58
voicemail message indicator 58
volume 29, 34, 35
volume keys 2, 29

W

wallpaper 36, 37
Web pages 82, 83, 84
WHO information 107
widgets 84
world clock 92

Y

your phone number 24

U.S. patent Re. 34,976