

INSTRUCTION MANUAL

A preliminary draft of the User's Manual follows this page.
The text on the following three pages will be added to the user manual.

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 0.29 W/kg, and when worn on the body, as described in this user guide, is 0.28 W/kg.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.

SAR Data

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

<http://www.phonefacts.net>

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

<http://www.cwta.ca>

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



User's Guide

HELLOMOTO

Thanks for purchasing the Motorola W377 wireless phone! It's an affordable phone with a sleek design that's sure to get attention.

My Phone, My Way – It's your phone—make it that way. Customize your home screen with personal pictures, change wallpapers, and use your favorite song as your ringtone.

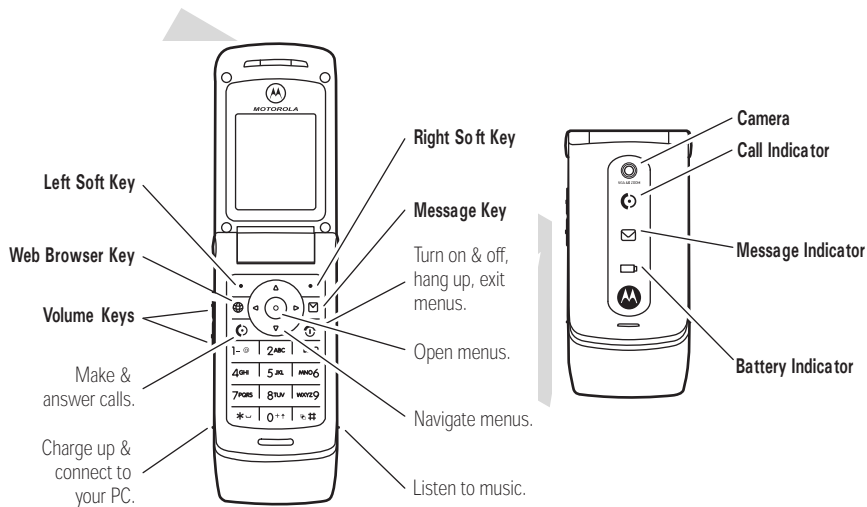
Multimedia and Text Messaging – Send pictures, sounds, or just text to keep in touch with your family, friends, and colleagues.

Office Tools– When you are away from your home or desk, make use of handy tools like Calendar, Calculator, Stopwatch, and others.

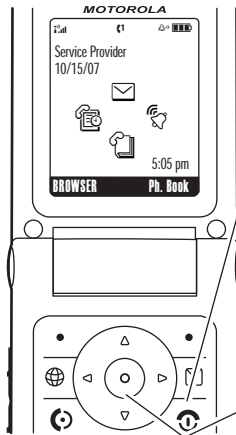
Fun – When you have a little time to spare, play a game.

Browse the Web – Use Web Access to do a little surfing on the go.

Here's a quick anatomy lesson.



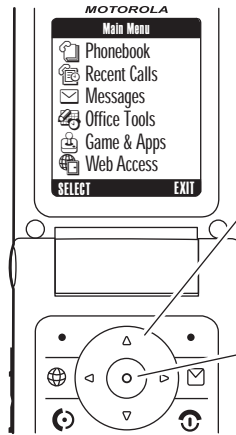
Home Screen



① Press & hold the power key  until the display lights up, to turn on your phone.

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

Main Menu



③ Press the *navigation* key  up/down/left/right to scroll to a menu feature.

④ Press the *center* key  to select it.

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.

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

Software Copyright Notice

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Manual Number: 68XXXXX236-0

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menu map

main menu



Phonebook



Recent Calls

- Received Calls
- Dialed Calls
- NotePad
- Call Times
- Call Cost
- Data Times
- Data Volumes



Message

- Create
- Inbox
- Draft
- Outbox
- Quick Notes
- Voicemail
- Browser Msgs
- Info Services
- MMS Templates



Office Tools

- Calculator
- MyMenu
- Alarm Clock
- Stop Watch
- Chat
- Dialing Services
- STK Service*
- Calendar
- Lantern



Games

- Sudoku
- Tetris
- Sound Settings



WebAccess

- Start Browser
- Web Shortcut
- Go to URL
- Web Session
- Stored Pages
- History
- General Setting



Multimedia

- Camera
- Pictures
- Sounds
- FM Radio



Personalize

- Home Screen
- Main Menu
- Color Setting
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial



Settings

(see next page)

* Network Dependent

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

settings menu



Ring Style

- Style
- Detail



Call Forward

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



In Call Setup

- In-Call Timer
- Call Cost Setup
- My Caller ID
- Answer Options
- Call Waiting



Initial Setup

- Time and Date
- 1-Touch Dial
- Display Settings
- Backlight
- Scroll
- Language
- DTMF
- TTY Setup
- Master Reset
- Master Clear
- Format Additional Storage Device
- Status Indicator



Phone Setup

- My Numbers
- Active Line*
- Battery Meter



Headset

- Auto Answer



Network

- New Network
- Network Setup
- Avail. Networks
- My Network List*
- Service Tone*
- Call Drop Tone
- Band Selection*



Security

- Phone Lock
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords



Easy Prefix*

- Auto Change
- Pref. Op



Lantern

- Lantern



Bluetooth Link

Safety and General Information

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

Exposure to Radio Frequency (RF) Energy

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

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

Operational Precautions

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

the relevant standards, always follow these instructions and precautions.

External Antenna Care

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

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

Product Operation

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

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola—or if you hang your mobile device from a lanyard around your neck—keep the mobile

* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2007.

device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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 health care provider.

Driving Precautions

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

When using your mobile device while driving, please:

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

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

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.

Operational Warnings

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

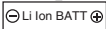
Potentially Explosive Atmospheres

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.
	Your mobile device contains an internal lithium ion battery.
	Do not let your battery, charger, or mobile device get wet.

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

Batteries and 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 & Battery Safety” section in this user’s guide.

Choking Hazards

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

Glass Parts

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

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage



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

Repetitive Motion

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

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FCC Notice to Users

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

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

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

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

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

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

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

Use and Care

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



liquids of any kind

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

IMEI: 350034/40/394721/9

CE 0168

Type: MC2-41H14

Product
Approval
Number

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

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 Telephone and Accessories

Please do not dispose of mobile telephones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems have been set up to handle waste electrical and electronic items. Please contact your regional authorities for more details. If no suitable scheme exists, you may return unwanted mobile telephones and electrical accessories to any Motorola Approved Service Centre in your region.

essentials

about this guide

Find it:  >  Recent Calls > Dialed

This means that, from the home screen:

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

symbols



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



This means a feature requires an optional accessory.

battery tips

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

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always



take your phone with you when you leave your vehicle.

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



Contact your local recycling center for proper battery disposal.

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

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

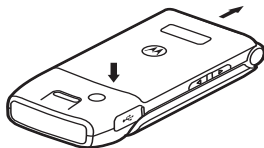
To save battery life:

- Adjust the backlight to turn off more quickly (see page 35).
- Adjust the lantern to turn off more quickly (see page 58).
- Turn off the screen saver (see page 35).

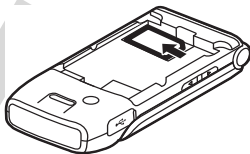
SIM card

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

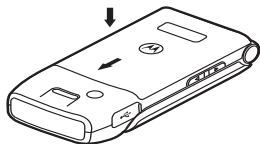
1



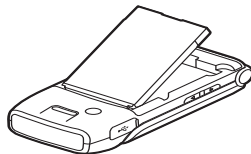
2



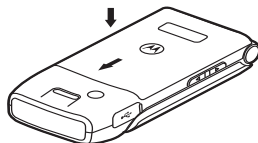
3



2



3

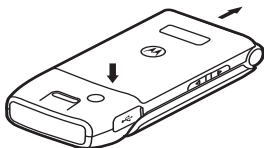


Note: If you remove the battery for a long time, you may need to reset the time and date when prompted.

Caution: Do not bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

install the battery

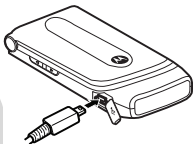
1



charge the battery

New batteries are shipped partially charged. Before you can use your phone, install and charge the battery as shown in the battery installation and battery charging sections.

Some batteries perform best after several full charge and discharge cycles.



- 1 Insert the charger into the connector on your phone.
- 2 Plug the other end of the charger into an appropriate electrical outlet.
- 3 When your phone displays **Charge Complete**, remove the charger.

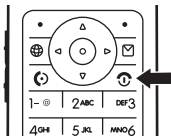
Tip: Relax, you can safely leave the charger connected to the phone after charging is complete. This will **not** damage the battery.

Tip: You can also use a PC USB port to charge your phone battery. Some PCs require driver software,

which can be obtained at www.motorola.com. Charging a phone completely via USB can take longer than normal.

turn it on & off

To turn your phone on, press and hold  for two seconds. If prompted, enter your four digit SIM card PIN code and/or unlock code.



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

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

make a call

Enter a phone number and press  to make a call.

To “hang up,” press .

answer a call

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

To “hang up,” press .

adjust volume

Press  right/up to increase and left/down to decrease the earpiece volume during a call.

Tip: Press  > **Mute** to mute your phone during a call.

store a phone number

You can store a phone number in your **Phonebook**:

- 1 Enter a phone number in the home screen.
- 2 Press **Store**.
- 3 Enter a name and other details for the phone number. To select a highlighted item, press **CHANGE**.

To edit or delete a **Phonebook** entry see page 53.

call a stored phone number

Find it:  >  **Phonebook**

- 1 Scroll to the entry you want to call.
- 2 Press .

view your phone number



Find it:  >  Settings > Phone Status > My Numbers

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tips & tricks

From the home screen (page 25), you can use the following shortcuts:

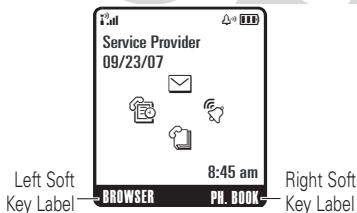
To...	Do this...
go to messages	Press  .
redial a number	Press  , then scroll to the number you want to call and press  again.
store a phone number	Enter a phone number, and press Store . Enter a name and other details for the phone number. Press Done to store the number and other entry information.

To...	Do this...
see recently-dialed numbers	Press  .
use application shortcuts	Press the left and right soft keys or the navigation key  .
speed dial a number	Press and hold the number key.
change ring style to vibrate	Press and hold  .

basics

home screen

The *home screen* displays when you are **not** on a call or using the menu.



Note: Your home screen may look different than the screen shown here.

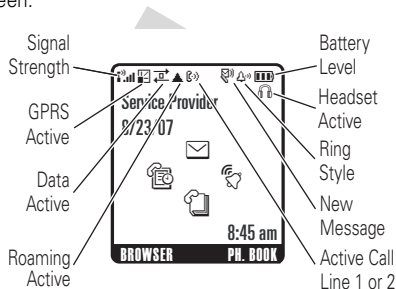
Soft key labels show the current soft key functions.

In the home screen, press , down, left, or right to open basic menu features. You can choose to show or hide home screen display icons:

Find it:  >  Personalize > Home Screen > Home keys > Icons

status indicators

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



indicator

Signal Strength

Vertical bars show the strength of the network connection.

You cannot make or receive calls when  displays.

Note: If another network is available, you may be able to make emergency calls even when  displays.

GPRS

Indicates when your phone is using a high-speed GPRS network connection:

 = PDP context active

 = packet data available

 = GPRS available

indicator	
Data Status	Shows connection status:  = secure application connection  = Circuit Switch Data (CSD) call  = packet data transfer transfer  = unsecure application connection
Roaming	Shows when your phone is seeking or using a network outside of your home network.  = roaming

indicator	
Active Call	Indicates activity level of one or two lines (when 2 line SIM card is used):  = call connected (single line)  = call forward on (single line)  = active call on line 1  = active call on line 2  = line 1 active, call forward on  = line 2 active, call forward on

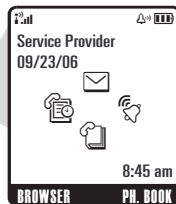
indicator	
New Message	Indicates when you receive new messages:  = text message  = voicemail message  = voicemail & text message  = MMS message  = active chat session
Ring Styles	Indicates the ring style setting:  = loud ring  = soft ring  = vibrate only  = vibrate then ring  = silent  = vibrate and ring

indicator	
Battery Level	Shows battery charge level. The more bars, the greater the charge.

menu shortcuts

select home screen icon

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



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

You can change the menu icons that appear in the home screen or set your phone not to display icons in the home screen:

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

enter text

Some features, such as messaging, allow you to enter text.



set entry modes

Multiple text entry modes make it easy for you to enter names, numbers, and messages. Press **#** in any text entry screen to select one of the following entry methods.

entry mode	
Primary	The primary text entry method (see below to set).
Numeric	Enter numbers only (see page 31)
Symbol	Enter symbols only (see page 31)
Secondary	The secondary text entry method (see below to set).

To set up Primary or Secondary entry mode:

- 1 Press > **Entry Setup** in any text entry view.
- 2 Select **Primary Setup** or **Secondary Setup**.
- 3 Select one of the following options::

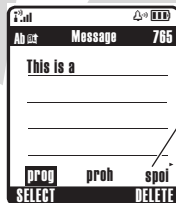
entry method	
TAP	Enter letters and numbers by pressing a key one or more times (see page 31).
iTAP™	Let the phone predict each word as you press keys (see page 30).

iTAP™ method

In any text entry screen, press to switch entry modes until the (if it is the primary entry mode) or (if it is the secondary mode) appears. The iTAP software combines your key presses into common words, and predicts each word as you enter it. To use iTAP mode, it must be assigned as primary or secondary text entry mode (see page 30).

For example, if you press , your phone displays a list of word combinations such as **Appl**, **Aspj**, and **Aspk**.

When you enter three or more characters in a row, your phone will guess the rest of the word.:



Press left or right to select **Prog**. Press **SELECT** to accept selection. Press to enter a space.

TAP method

To enter text in tap mode, press a keypad key repeatedly to cycle through the letters and numbers on the keypad. Repeat this step to enter each letter. To use tap mode, it must be assigned as primary or secondary text entry mode (see page 30). In any text entry screen, press **#** to switch entry modes until the **1** (if it is the primary entry mode) or **2** (if it is the secondary mode) appears.

numeric mode

In any text entry screen, press **#** to switch entry modes until the **12** (numeric) indicator appears. Press keypad keys to enter the numbers you want.

symbol mode

In any text entry screen, press **#** to switch entry modes until the **@** (symbol) indicator appears. Press a keypad key to show its symbols at the bottom of the display.

Highlight the symbol you want and press **SELECT**.

delete letters & words

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

- Press **DELETE** to delete one letter at a time.
- Press and hold **DELETE** to delete all text.

handsfree speaker

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

To turn the speaker on during a phone call, press **SPKR ON**. To turn the speaker off, press **SPKR OFF**.

Note: The handsfree speaker does not work when your phone is connected to a handsfree headset.

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234** or to the last four digits of your phone number. The six-digit **security code** is originally set to **000000**.

Your service provider may reset these codes before you get your phone.

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

To change a code or password:

Find it:  >  Settings > Security > New Passwords

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

Select the type of code you want to change, enter the old code when prompted, then enter the new code.

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering **1 2 3 4** or the last four digits of your phone number. If that doesn't work, contact your service provider.

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

lock & unlock phone

You can lock your phone manually or set it to lock automatically whenever you turn it off.

To lock or unlock your phone, you need the four-digit unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you have to unlock it to answer.**

You can make emergency calls on your phone even when it is locked (see page 36).

To lock your phone:

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

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

To unlock your phone:

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

if you forget a code

Note: Your phone's four-digit unlock code is set at the factory to **1234** or to the last four digits of your phone number. The six-digit security code is set to **000000**.

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

check battery meter

To check your battery meter:

Press  >  **Settings** > **Phone Status** > **Battery Meter**.

customize

ring styles & alerts

Your phone rings and/or vibrates to notify you of an incoming call or another event, such as a new message. This ring or vibration is called an *alert*.

set a style

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

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

set alerts

Your phone includes alerts for **Line 1**, **Line 2**, **Text Msgs**, **Voicemail**, And **Alarm**.

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

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

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

As you scroll through the settings, your phone plays a sample of each one you highlight.

answer options

You can use different ways to answer an incoming call.

Options	
Multi-key On	Answer by pressing any key.
Multi-key Off	Answer by pressing  .
Open to answer	Answer by opening the flip.

To turn on or turn off an answer option:

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

wallpaper

Select a wallpaper (background) image in your home screen:

Find it:  >  **Personalize** > **Wallpaper**

set screen saver

You can set a photo, picture, or animation as a screen saver image. The screen saver image displays when no activity is detected for a specified time period.

Find it:  >  **Personalize** > **Screen Saver**

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

lantern timeout

Set the amount of time that the display light (lantern) stays turned on: **30 sec.**, **1 minute**, or **2 minutes**:

Find it:  >  **Settings** > **Lantern**

backlight

Set the amount of time that the display and keypad backlights stay on.

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

calls

redial a number



- 1 Press  from the home screen.
- 2 Scroll to the entry you want to call and press . If you hear a busy signal and see **Call Failed** or **Number Busy**, press  to redial the number.

emergency calls

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

Note: Emergency numbers vary with different countries. Your phone's preprogrammed emergency number(s) may not work in all locations, and

sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

To call the emergency number at any time:

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

recent calls

Your phone keeps lists of recent missed calls, dialed calls and received calls. The lists are sorted from newest to oldest calls. The oldest calls are deleted as new calls are added.

notepad

The most recent set of digits entered on the keypad are stored in your phone's notepad. These digits can be a phone number that you called or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find it:  >  Recent Calls > Notepad

return a call

Find it:  >  Recent Calls

- 1 Highlight **Missed Calls**, **Received Calls**, or **Dialed Calls**, and press **SELECT**.
- 2 Highlight a call.
 - To call the number, press .
 - To see call details (like time and date), press **VIEW**.

speed dial

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

Tip: What's the speed dial number? To see the speed dial number for an entry, press the center key , select your **Phonebook**, then scroll to the entry and press **SELECT**.

To speed dial a number:

- 1 Enter the speed dial number for the entry you want to call and press .
- 2 Press  to call the number.

1-touch dial

For speed dial entries 1 through 9, you can quickly place a call by pressing and holding the number for one second.

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

Find it:  >  Settings > Initial Setup > 1-Touch Dial > Phone, SIM, or Fixed Dial

forward calls



You can forward your voice, fax, and data calls to individual, alternate phone numbers of your choice:

Find it:  >  Settings > Call Forward > Voice, Fax, or Data Calls

view forward status

You can check the status of your call forwarding:

Find it:  >  Settings > Call Forward > Forward Status

cancel forwarding

You can cancel all call forwarding:

Find it:  >  Settings > Call Forward > Cancel All

call waiting



You can change your call waiting notification and answering options:

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

change active line

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

Find it:  >  Settings > Phone Status > Active Line

entertainment

camera

To activate your phone's camera using the menu system:

Find it: Press  >  Multimedia > Camera

The active viewfinder image appears on your display.

Point the camera lens at the photo subject, then:

- 1 Press **CAPTURE** to take a photo.
- 2 Press **STORE** to view storage options. If you choose to keep the photo, continue to step 4.
- 3 Press **DISCARD** to delete the photo and return to active viewfinder.
- 4 Scroll to **Send in Message**, **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver** or **Apply as Phonebook Entry** and press **SELECT**.

Note: If the screen flickers when taking a picture, you may need to select an alternative frequency for the **Flicker** setting. For example, if the **Flicker** setting is currently 50Hz, switch to 60Hz, and try to take the picture again.

Find it: Press  > Multimedia > Camera >  > Picture Setup > Flicker

From the active viewfinder, you can press  to enter the **Pictures Menu**:

Options	
Go to Pictures	Go to the picture library.
Auto-Timed Capture	Set the camera to take a photo automatically after counting down 5 or 10 seconds.
Picture Setup	Adjust the picture settings. The settings include Lighting Conditions , Special Effect , Exposure , Resolution , Shutter Tone , Image Quality , and Flicker .
View Free Space	Check used and available memory.

After Capture, you can choose to Store your picture. Store options include:

Options	
Send in Message	An MMS message will be initiated with the captured picture. You can edit the MMS message and send it with the captured picture. You can also add a voice note.
Store Only	The captured picture will be stored in Pictures.
Apply as Wallpaper	Your picture will be applied as Wallpaper.
Apply as Screen Saver	Your picture will be applied as the Screen Saver
Apply as Phonebook Entry	Your picture will be saved in the Phonebook.

FM radio

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

Note: A headset must be plugged in to activate the FM radio function. If you try to turn it on without inserting the earpiece, your phone will display **Please Insert The Earpiece**.

When the **FM Radio** is displayed:

- Press  left or right to adjust the frequency.
- Press  up or down to adjust the volume.
- Press **MUTE** to mute the radio.
- Press  > **FM Radio Off** to turn the radio off.

Tip: Press **HIDE** to listen to the radio while you use other features.

use the radio presets

You can store up to nine preset radio stations.

- 1 Tune in the desired frequency by pressing  left or right or press  > **Scan** to scan for all available radio stations. You can also use the keypad keys to enter a frequency by pressing  > **Set Frequency**.

Tip: Press  to enter a decimal point.

- 2 Press and hold keypad keys to save that number as the preset.

select a radio preset

- 1 Press keypad keys to select the corresponding radio preset, or press  > **Station Presets** to view a list of all radio presets.
- 2 Press  up or down to select a preset, then press **TUNE**.

send your radio presets

Share your favorite station with your friends and family!

Press  > **Send Station Info**.

select the radio output

You can play the radio through either a headset or a speaker. Simply press  > **Speaker**.

When Speaker is selected, press  > **Earpiece** to switch back to headset output.

Note: A headset must be plugged in to activate the FM radio function. If you try to turn it on without inserting the earpiece, your phone will display **Please Insert The Earpiece**.

manage sounds

You can listen to all of the sounds stored on your phone and assign the sound of your choice to alerts:

Find it:  >  **Multimedia** > **Sounds**

Scroll to a sound and press **Play** to listen to the sound, or press  for other options.

manage pictures

View the images stored on your phone and assign them to your wallpaper or screen saver:

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

Scroll to the image and press **VIEW** to see it, or press  for other options.

use the web browser

start the browser

Find it:  >  **Web Access** > **Start Browser**

go to bookmarks

Bookmarks are shortcuts you can create to find a site that you like to visit frequently or use when you don't want to retype an address:

Find it:  >  **Web Access** > **Web Shortcut**

go to URL

Every website has a web address known as a URL. If you know the URL for the site you want to visit, you can enter the URL and go directly to it:

Find it:  >  Web Access > Go to URL

go to web session

Find it:  >  Web Access > Web Session

go to stored pages

Stored pages are similar to bookmarks, but the content of a stored page is saved to your phone memory:

Find it:  >  Web Access > Stored Pages

go to history

If you would like to return to a web site that you recently visited but did not create a bookmark for, you may be able to find it and return to it quickly by looking in your history list:

Find it:  >  Web Access > History

end web browser

Find it:  > OK

play a game

Find it:  >  Games & Apps

Tip: If you don't know how to play, press Help for instructions.

messages

You can send and receive SMS, EMS and MMS messages as well as access your voicemail from the Messages feature. Each message type allows you to attach different objects. The available options are displayed in the **Insert** menu.

send a message

Find it:  >  **Message** > **Create** > **New Text Msg**, **New Picture Msg**, or **Picture Msg Template**

- 1 Enter the message text.
- 2 To insert a **picture, sound, or other object**, press  > **Insert**.

To insert another slide in an MMS message, press  > **Insert** > **Add Slide**. You can enter more text and objects on the new page.

- 3 When you finish the message, press **OK**.

- 4 Choose one or more people to **Send To**.

receive a message



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

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

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

Find it:  >  **Message** > **Inbox**.

- 1 Scroll to the message you want to read.
- 2 Press the **Read** to open the message. For MMS messages, your phone displays the media object, then the message.

voicemail



Your network stores the voicemail messages you receive.

Note: Your service provider may give you additional information about using voicemail.

When you receive a voicemail message, your phone shows the voicemail message indicator and **1 New Message**. Press the **Call** key to listen to the message.

To check your voicemail messages:

Find it:  >  **Message** > **Voicemail**

or

Press and hold **1** from the home screen.

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

more messaging features

features	
send a text message	
 >  Message > Create > New Text Msg	
send a multimedia message	
 >  Message > Create > New Picture Msg	
Note: Your network may restrict MMS messages to 100Kb or less.	
send a quick note	
 >  Message > Quick Notes	
send a multimedia template	
Open a multimedia template with preloaded media:	
 >  Message > Create > Picture Msg Template	

features	
read new message 	
Read a new text or multimedia message: Press the READ key when the New Message notification displays.	
read old messages 	
 >  Message > Inbox	
read sent messages 	
 >  Message > Outbox	
edit drafts	
You can save messages to the Draft folder to edit later. To open the Draft folder:  >  Message > Draft	
read browser messages 	
 >  Message > Browser Msgs	

features	
info services 	
Read messages from subscription-based services:  >  Message > Info Services	
chat 	
To have a chat with friends:  >  Office Tools > Chat	

connections

bluetooth™ wireless

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

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

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

use a headset or handsfree car kit

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

Find it:  >  Setting > Bluetooth Link > Hands Free > Look For Device.

Your phone lists the devices it finds within range.

- 1 Scroll to a device in the list and press  or **SELECT** key to connect to the device.
- 2 If necessary, enter the device passkey (such as 0000) and press the **OK** key.

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

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

Tip: Want to know more about your headset or car kit? For specific information about a device, refer to the instructions that came with it.

copy files to another device

You can copy a media file, phonebook entry, datebook event, or Web shortcut from your phone to a computer or other device.

Note: You can't copy some copyrighted objects.

- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press  then select:
 - **Copy** for media files.
 - **Share Phonebook Entry** for phonebook entries.
 - **Send** for datebook events.

- 3 Select a recognized device name, or [Look For Devices] to search for the device where you want to copy the file.

If your phone could not copy the file to the other device, make sure the device is **on** and **ready** in discoverable mode (see the user's guide for the device). Also, make sure the device is not busy with another similar Bluetooth connection.

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

receive files from another device

If you do not see the Bluetooth indicator  at the top of your phone display, turn on your phone's Bluetooth feature by pressing  > **Connection** > **Bluetooth Link** > **Setup** > **Power** > **On**.

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

If your phone and the sending device, don't recognize each other, place your phone in discoverable mode so the sending device can locate it. Press  > **Connection** > **Bluetooth Link** > **Find Me**.

- 2 Press the **Accept** key on your phone to accept the file from the other device.

Your phone notifies you when file transfer is complete. If necessary, press the **Save** key to save the file.

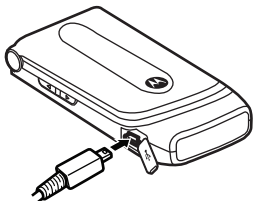
cable connections



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

Note: Motorola Original™ data cables and supporting software are sold separately.

Check your computer to determine the type of cable you need.



If you use a USB cable connection:

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

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

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

connect your phone to a computer

It can also upload and download files via connection to a PC or other USB device.

Note: Windows 2000 and higher are supported for the Mobile USB. Mac is not supported.

To use this feature:

- 1 Insert the USB cable into the USB port on the left side of the phone. The phone will display **Connect phone as storage device?**
- 2 Press **Yes** to use phone as a portable USB storage device.

Note: When the phone is in this mass storage mode, it cannot make or receive calls, or perform any other functions. Disconnecting will resume normal operation.

or

Press **No** to enable USB charge if the connected device is a PC. It requires driver software, which can be obtained at www.motorola.com.

Downloaded files can be viewed by:

Find it:  >  **Multimedia** > **Pictures** or **Sounds** > **Additional Storage Device**

TTY operation



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

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

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

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

set TTY mode

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

Find it:  >  Settings > Initial Setup

- 1 Scroll to TTY Setup and press Change.
- 2 Scroll to one of the following TTY Setup options and press Select.

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

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

return to voice mode

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

other features

advanced calling

features
conference call
During a call, dial the next number and press  , then press Link .
restrict calls
Restrict outgoing or incoming calls:  >  Settings > Security > Call Banning

features

DTMF tones

Your phone can send *Dual Tone Multi Frequency* (DTMF) tones for calling card calls or other automated touch-tone calls.

set up DTMF tones:

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

Scroll to **DTMF** and press **Change**, then select **Short** or **Long**.

speed dial

Enter the speed dial number for the entry you want to call and press , then press .

features
fixed dial You can set up one or more numbers as your fixed dial list. ☛ > ☎ Office Tools > Dialing Services > Fixed Dial Note: Maximum number of Fixed Dial entries is dependent on your SIM card.
quick dial You can select up to three numbers for quick number dialing. ☛ > ☎ Office Tools > Dialing Services > Quick Dial
attach a number Dial an area code or prefix for a phonebook number, press ☛ > Attach Number.
enable or disable caller ID ☛ > ⚙ Settings > In Call Setup > My Caller ID
view or change your numbers ☛ > ⚙ Settings > Phone Status > My Numbers

phonebook

features
create entry ☛ > 📖 Phonebook > ☛ > New > Number > Store To Select a location, enter entry details, and press DONE. Note: Your phone's memory limit is 500 entries. The SIM card's memory limit depends on your carrier's SIM card type.
view entry ☛ > 📖 Phonebook Scroll to the entry or enter the first two letters of a name to show similar names and then press View.
call entry ☛ > 📖 Phonebook View/select the entry, then press 📞.

features
edit entry  >  Phonebook View/select the entry, then press  > Edit .
delete entry  >  Phonebook View/select the entry, then press  > Delete .
copy entry View/select the entry, then press  > Copy > Entries > To , and then press View .
copy multiple entries  >  Phonebook View/select the entry, then press  > Copy > Entries , press Change , highlight another entry, press ADD .
sort entries  >  Phonebook >  > Setup > Sorting By > <i>sort order</i>

personalize

features
change call volume  >  Settings > Ring Styles > <i>style</i> Detail > Ring Volume
change key volume  >  Settings > Ring Styles > <i>style</i> Detail > Key Volume
change greeting  >  Personalize > Greeting
change scroll option Set the highlight bar to stop or wrap around in the menu lists:  >  Settings > Initial Setup > Scroll
change message alert  >  Settings > Ring Styles > Detail > <i>desired event</i> > Change > <i>alert for event</i>
change menu language  >  Settings > Initial Setup > Language

features
change home screen menu icons Changes what is displayed on the home screen. ⬅️ > 📱 Personalize > Home Screen
change home screen soft keys ⬅️ > 📱 Personalize > Home Screen > Home Keys > left or right soft key
change menu view Changes menu item order and selects whether the main menu uses icons or words. ⬅️ > 📱 Personalize > Main Menu
change screen colors ⬅️ > 📱 Personalize > Color Setting
use a custom menu Permits you to put your favorite features together on an easily-accessible menu. ⬅️ > 📱 Office Tools > MyMenu

features
turn on or off status indicators ⬅️ > 🛠 Settings > Initial Setup > Status Indicator
check battery meter ⬅️ > 🛠 Settings > Phone Status > Battery Meter
connect to a new network ⬅️ > 🛠 Settings > Network > New Network
view available networks ⬅️ > 🛠 Settings > Network > Avail. Networks
turn on the service tone ⬅️ > 🛠 Settings > Network > Service Tone
turn on the call drop tone ⬅️ > 🛠 Settings > Network > Call Drop Tone
change the network band ⬅️ > 🛠 Settings > Network > Band Selection
view the network list ⬅️ > 🛠 Settings > Network > My Network List

features

reset all phone options

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

 >  Settings > Initial Setup > Master Reset

clear all phone options and data

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

 >  Settings > Initial Setup > Master Clear

amount of time for which you are billed by your service provider. For billing information please contact your service provider directly.

features

set in-call timer

 >  Settings > In Call Setup > In-Call Timer



view call times

 >  Recent Calls > Call Times

view data times

 >  Recent Calls > Data Times

view data volumes

 >  Recent Calls > Data Volumes

view call cost

 >  Recent Calls > Call Cost

setup call cost

 >  Settings > In Call Setup > Call Cost Setup

call times & data volumes

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

56 other features—call times & data volumes

handsfree

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

features
turn speakerphone on/off To turn the speakerphone on/off during a call, press SPKR ON or SPKR OFF .
turn on auto answer (headset) Automatically answer calls when connected to a car kit or headset: ◂◃ > 📞 Settings > Headset > Auto Answer

personal organizer

features
add calendar event ◂◃ > 📅 Office Tools > Calendar > <i>Highlight a day</i> > press ◂◃ > [New] Note: A title is required for a calendar event. All other information is optional.
view calendar event ◂◃ > 📅 Office Tools > Calendar > <i>Highlight a day</i> > SELECT > scroll to the event > View
set an event alarm ◂◃ > 📅 Office Tools > Calendar > <i>Highlight a day</i> > SELECT > scroll to the event > press ◂◃ > EDIT > REMINDER
turn off the event alarm Press DISABLE or SNOOZE . If you press SNOOZE the alarm will go off again in a few minutes.

features

set alarm clock

⬅ ➡ >  Office Tools > Alarm Clock

Select and edit an existing alarm or **[New Alarm]**, then select the alarm options and press **Done**.

access the calculator

⬅ ➡ >  Office Tools > Calculator

convert currency

⬅ ➡ >  Office Tools > Calculator

Press ⬅ ➡ > **Exchange Rate**, then enter a desired exchange rate and press **Ok**. Enter the amount of currency you want to convert, then press ⬅ ➡ > **Convert Currency**.

features

use the stop watch

⬅ ➡ >  Office Tools > Stop Watch

Press **START** to start counting the time, press **STOP** to stop counting the time, and press **RESET** to reset the stopwatch.

Note: Press **SNAPSHOT**, while timing, to record up to 9 milestones without stopping the timer.

use the lantern

⬅ ➡ >  Office Tools > Lantern

Note: You can select how long the lantern stays on:

⬅ ➡ >  Settings > Lantern

storage

features
format additional storage device
To remove all files from an additional storage device:
• >  Settings > Initial Setup > Format Additional Storage Device

fun & games

features
manage pictures
• >  Multimedia > Pictures
manage sounds
• >  Multimedia > Sounds
play a game
• >  Games

security

features
lock phone
• >  Settings > Security > Phone Lock
fixed dial
• >  Office Tools > Dialing Services > Fixed Dial
bar incoming or outgoing calls
• >  Settings > Security > Call Barring
require SIM PIN
• >  Settings > Security > SIM PIN
change or create passwords
• >  Settings > Security > New Passwords

web browser

features
start browser
 >  Web Access > Start Browser
go to bookmarks
 >  Web Access > Web Shortcut
go to URL
 >  Web Access > Go to URL
go to web session
 >  Web Access > Web Session
go to stored pages
 >  Web Access > Stored Pages
go to history
 >  Web Access > History

features
go to general setting
 >  Web Access > General Setting
end web browser
 > OK

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

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

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

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

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental

requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

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

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

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

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What Does this Warranty Cover?

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

Products and Accessories

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

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

Exclusions

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

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

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

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

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

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

Software

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

Exclusions

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

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

Who Is Covered?

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

What Will Motorola Do?

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

How to Obtain Warranty Service or Other Information

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

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

installation facility (if applicable) and, most importantly; (e) your address and telephone number.

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Information from the World Health Organization

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

Source: WHO Fact Sheet 193

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

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