

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

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## 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.<sup>1</sup> Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR

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

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.49 W/kg, and when worn on the body, as described in this user guide, is 1.33 W/kg.<sup>2</sup>

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.

# HELLOMOTO

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Thanks for purchasing the Motorola Calcutta 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.

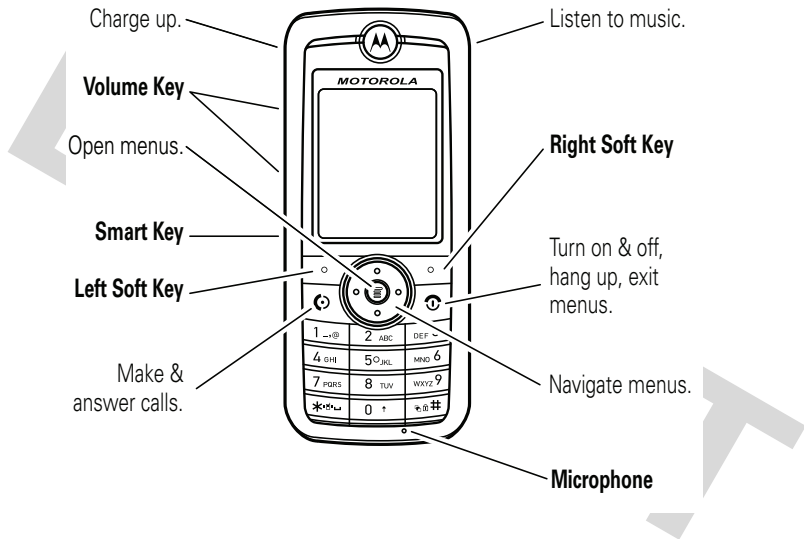
**Convenient Extras** – When you are away from your home or desk, make use of handy tools like Datebook, Calculator, Stop Watch, and others.

**Fun** – When you have a little time to spare, play Football, Maze, or Rebels.

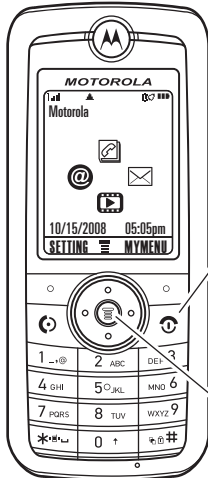
**FM Radio** – Put on your headset and listen to your favorite music or news programs.

**Messages** – Send and receive text messages to your friends, family, and colleagues.

Here's a quick anatomy lesson.



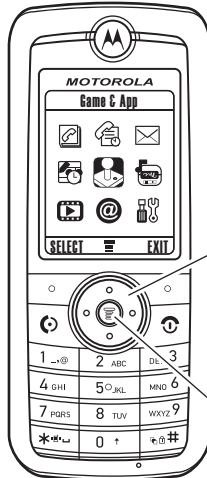
## Home Screen





**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](http://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. All other product or service names are the property of their respective owners.

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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

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: 68XXXX221-0

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# menu map

## main menu



### Phonebook

- [New Entry]



### Recent Calls

- Missed Calls
- Received Calls
- Dialed Calls
- Silent Scratch Pad \*
- Call Timer



### Messages

- Create Message
- Inbox
- Outbox
- Voicemail
- Drafts
- Templates
- Broadcast Msgs \*



### Tools

- Calculator
- Stop Watch
- Lantern
- Datebook
- Alarm Clock
- MyMenu
- Reserved Call \*
- World Clock
- Service Dial \*



### Games & App

- FootBall
- Crazy
- Rebels



### Music Player



### Multimedia

- Camera
- Pictures
- Sounds
- Voice Records
- FM Radio



### Brew \*

- Mobile Shop \*
- Settings \*
- Help \*



### Settings

- (see next page)

\* Network Dependent

This is the standard main menu layout.

**Your phone's menu may be different.**

## settings menu



### Ring Styles

- Alert
- (Style) Detail
- Other Alert



### Phone Status

- My Tel. Numbers \*
- MEID & ESN
- Battery Meter
- SW Version
- PRL Version
- Storage Device



### In-Call Setup

- Call Forward
- Call Forward to Voice Mail
- Call Waiting
- My Caller ID
- International Code
- Auto Redial
- Voice Privacy \*
- Answer Option
- Edit SMS on Call Reject \*
- Easy Prefix \*
- Ringer Output



### Security

- Phone Lock
- Restrict Calls
- Restrict SMS
- Lock Keypad
- Auto Key Lock
- New Passwords
- PIN Lock



### Personalize

- Color Setting
- Home Screen
- Main Menu
- Greeting
- Banner
- Wallpaper
- Screen Saver



### Initial Setup

- Time and Date
- Backlight
- Scroll
- Animation
- Language
- DTMF
- Hyphenation \*
- Number Speak
- Lantern Timeout
- Master Clear
- Master Reset



### Network

- NAM Setting \*
- Service Tone
- Call Drop Tone
- Band Selection
- Area Code



### Airplane Mode

- Airplane Mode
- Prompt At Startup



### Headset

- Auto Answer



### Connection

- USB Setting

\* Network Dependent

# Safety and General Information

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**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

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

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

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](http://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](http://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.

# FCC Notice to Users

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**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

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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.

# Caring for the Environment by Recycling

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

## Disposal of your Mobile Telephone and Accessories

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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

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## about this guide

**Find it:**  >  Recent Calls > Dialed Calls

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 Calls, and press the center key  to select it.

### symbols



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



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 31).
- Adjust the screen saver delay (see page 31).
- Adjust the lantern timeout (see page 31).

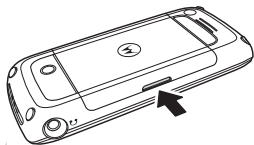
## RUIM card

Your *Removable-User Identity Module* (RUIM) card contains personal information like your phone number and phonebook entries.

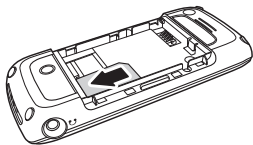


### RUIM card installation

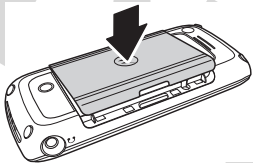
1



2

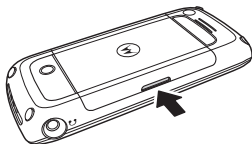


3

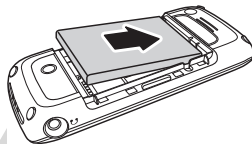


## install the battery

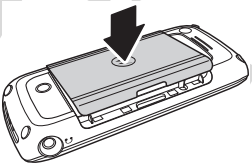
1



2



3

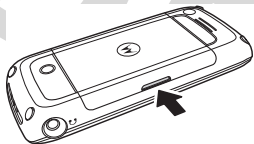


**Caution:** Do not bend or scratch your RUIM card.  
Avoid exposing your RUIM card to static electricity,  
water, or dirt.

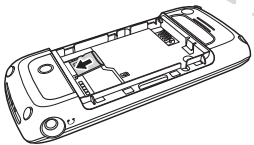
# install the micro SD (T-Flash) card

**Note:** Your phone supports up to 2GB memory card storage.

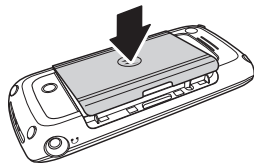
1



2

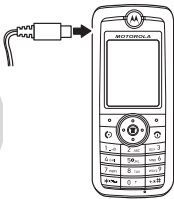


3



## 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.

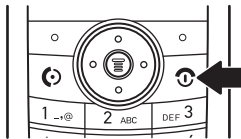


- 1 Insert the charger into the connector on your phone as shown.
- 2 Plug the other end of the charger into an appropriate electrical outlet.
- 3 When your phone displays **Charge Complete**, remove the charger.

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



## turn it on & off

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





If you enter an incorrect PIN code three times in a row, your RUIM card becomes disabled and your phone will be blocked. Contact your service provider if your RUIM is blocked.

## 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

During a call, you can adjust the volume by pressing the side key up to increase or down to decrease the earpiece volume.

To mute a call, press  and select **Mute**.




## change the call alert

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

Available options are **Loud Ring**, **Soft Ring**, **Vibrate**, **Vibe and Ring**, **Vibe then Ring**, or **Silent**.

## 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 .

To edit or delete a **Phonebook** entry, see page 44.

## call a stored phone number

**Find it:**  >  Phonebook







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




# tips & tricks

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From the home screen (page 23), you can use the following shortcuts:

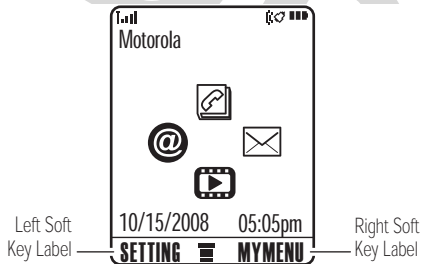
To...	Do this...
<b>redial a number</b>	Press  , then scroll to the number you want to call and press  again.
<b>lock/unlock keypad</b>	Long press  to lock. Press   to unlock.
<b>store a phone number</b>	Enter a phone number, and press <b>Store</b> . Enter a name and other details for the phone number. Press <b>Done</b> to store the number and other entry information.
<b>see recently-dialed numbers</b>	Press  .

To...	Do this...
<b>use application shortcuts</b>	From the home screen press the left and right soft keys or the navigation key  .
<b>speed dial a number</b>	Press and hold the number key.

# basics

## home screen

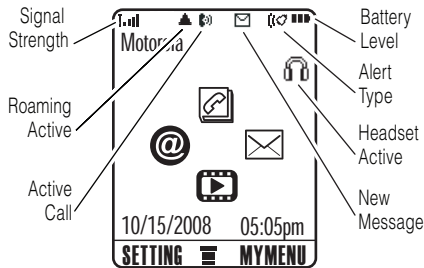
The *home screen* displays when you are **not** on a call or using the menu.



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









*Soft key labels* show the current soft key functions.












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



Indicators and alerts are discussed in the next section.

## status indicators

indicator	Description
<b>Signal Strength</b>	<p>Vertical bars show the strength of the network connection. You cannot make or receive calls when  displays.</p> <p> Indicates phone is in a 1x-RTT coverage area.</p> <p> Indicates phone is in an analog coverage area.</p> <p> Indicates phone is in a digital coverage area.</p>
<b>Transmission</b>	<p>Shows the transmission status.</p> <p> secure Circuit Switch Data (CSD) call</p> <p> unsecured Circuit Switch Data (CSD) call</p> <p> packet data transfer</p> <p> secure packet data transfer</p>

indicator	Description
	 unsecured packet data transfer
<b>Roaming</b>	Displays when your phone is seeking or using a network outside your home network.
<b>New Message</b>	<p>Displays when you receive a new message.</p> <p> text message</p> <p> voicemail message</p> <p> text message inbox is full</p> <p> voice message inbox is full</p>
<b>Alert Type</b>	<p>Indicates the ring style setting.</p> <p> loud ring</p> <p> soft ring</p> <p> vibrate only</p> <p> vibrate then ring</p> <p> silent</p> <p> vibrate and ring</p>

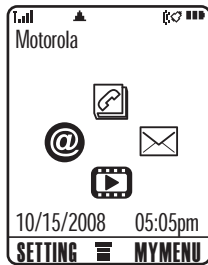
indicator	Description
<b>Headset Active</b>	Displays when a headset is attached.
<b>Battery Level</b>	Shows battery charge level. The more bars, the greater the charge.


## menu shortcuts

Your phone includes shortcuts to give you quick access to menu features.

## select home screen icon

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



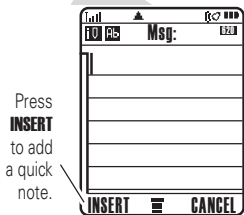
Press  left, right, up, or down to open the menu for the corresponding icon.

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:**  >  Settings > Personalize > Home Screen

## enter text

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





## set entry modes

You can select one of these text entry methods:

entry mode	
TAP	Enter letters and numbers by pressing a key one or more times (see page 27).
iTAP™	Let the phone predict each English word as you press keys (see page 26).
Numeric	Enter numbers only (see page 27).
Symbol	Enter symbols only (see page 27).

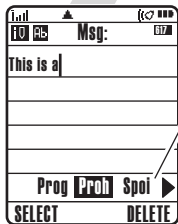
### iTAP™ method



Press  in a text entry screen to select and switch to iTAP method. iTAP method lets you enter words using one key press per letter. When iTAP is selected,  displays on the home screen. The iTAP software combines your key presses into common words, and predicts each word as you enter it.

For example, if you press **2 7 7 5**, 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.

For example, if you enter **Prog**, your phone might display:




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


## TAP method

Press  in a text entry screen and select **Tap** method. When **TAP** is selected,  displays on the home screen. 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.

## numeric method

Press  in a text entry screen and select **Numeric** method. When **Numeric** is selected, **12** displays on the home screen. Press keypad keys to enter the numbers you want.

## symbol method

Press  in a text entry screen and select **Symbol** method. When **Symbol** is selected, **@** displays on the home screen. 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 call, press **SPKR ON**. To turn the speaker off, press **SPKR OFF**.

## 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

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 1234 or the last four digits of your phone number. If that doesn't work, call 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 33).

### 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.



# customize



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## 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 **Alert** 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 **In Call**, **Message Tone**, **Alarms**, and **Voicemail** and **Broadcast Tone**.

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


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

- 1 Scroll to *Style Detail* and press **Select** 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 **Change** 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	
Any Key	Answer by pressing any key
Send Key Only	Answer by pressing  .

To turn on or turn off an answer option:

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

## wallpaper

Select an option for your wallpaper (background) image from within your home screen:

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

## set screen saver

Set a picture as a screen saver image.


The screen saver image displays when no activity is detected for a specified time period:

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

**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 > Initial Setup > Lantern Timeout

## backlight

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

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

# airplane mode

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

**Find it:**  >  **Settings** > **Airplane Mode** > **Airplane Mode**



Airplane mode turns off your phone's calling features in situations where wireless phone use is prohibited. You can use the phone's other non-calling features when *Airplane Mode* is turned on. You can make the *Airplane Mode* option appear whenever you turn on your phone:

**Find it:**  >  **Settings** > **Airplane Mode** > **Prompt At Startup**  
> **On**

# calls

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## redial a number


- 1 Press  from the home screen.
- 2 Scroll to the entry you want to call and press .

## 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 RUIM 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.

## return a missed call

**Find it:**  >  Recent Calls


- 1 Highlight **Missed Calls**, **Received Calls**, or **Dialed Calls**, and press **SELECT**.

2 Highlight a call. A marker next to a call means the call connected.



- 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 **VIEW**.

**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.

## caller ID

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

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

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 45).


# entertainment






## music player


To use the **Music Player** function, prepare a micro SD card and create a folder named **music** on the memory card. You can then upload music in MP3, WMA, or AAC-LC format to the folder and play the songs on your phone by **Music Player**.

**Find it:** Press  >  **Music Player**

Scroll to a category to search and play the songs on your memory card. The categories include **All Songs**, **Playlists**, **Artists**, **Genres**, and **Albums**.

In each category, you can press **Play** to play the files when the song list is shown, or you can press  to view and change the settings.

Options	
<b>All Songs</b>	Press  to enter <b>Song Options</b> . The settings include <b>Add to Playlist</b> , <b>Delete Songs</b> , <b>Mark</b> , <b>Mark all</b> , and <b>Song Info</b> .
<b>Playlists</b>	Press  to enter <b>Playlist Options</b> . You can select <b>Create Playlist</b> in this setting.
<b>Artists</b>	Press  to enter <b>Artist Options</b> . The settings include <b>Play Artist</b> , <b>Add to Playlist</b> , and <b>Delete Artist</b> .
<b>Genres</b>	Press  to enter <b>Genre Options</b> . The settings include <b>Play Genre</b> , <b>Add to Playlist</b> , and <b>Delete Genre</b> .
<b>Albums</b>	Press  to enter <b>Album Options</b> . The settings include <b>Play Album</b> , <b>Add to Playlist</b> , and <b>Delete Album</b> .

From **Music Player**, you can press  to enter **Music Player Settings**:

Options	
<b>Repeat</b>	Select the repeat mode for playing the songs. The settings include <b>Repeat One</b> , <b>Repeat All</b> , and <b>Repeat Off</b> .
<b>Shuffle</b>	Turn on or off the shuffle mode.
<b>Search for songs</b>	Search for all songs available on the memory card.
<b>Help</b>	Shows the help contents of <b>Music Player</b> .
<b>About</b>	Shows the <b>Music Player</b> version.

**Note:** When playing songs by **Music Player**, you can press **Options** to change the **Repeat** or **Shuffle** settings.

## 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 **OPTION** 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 **Discard**, **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, or **Apply as Contact** 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**:

<b>Options</b>	
<b>Go to Pictures</b>	Go to the picture library.
<b>Auto-Timed Capture</b>	Set the camera to take a photo automatically after counting down 5 or 10 seconds.
<b>Picture Setup</b>	Adjust the picture settings. The settings include <b>Lighting Conditions</b> , <b>Zoom</b> , <b>Style</b> , <b>Exposure</b> , <b>Resolution</b> , <b>Shutter Tone</b> , <b>Image Quality</b> , and <b>Flicker</b> .
<b>Switch Storage Device</b>	Choose to store pictures on your phone or memory card.
<b>View Free Space</b>	Check used and available memory.




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

Options	
<b>Discard</b>	Cancel saving the captured picture.
<b>Store Only</b>	The captured picture will be stored in Pictures.
<b>Apply as Wallpaper</b>	Your picture will be applied as Wallpaper.
<b>Apply as Screen Saver</b>	Your picture will be applied as the Screen Saver
<b>Apply as Contact</b>	Your picture will be saved in the Phonebook.

## voice records

**Find it:**  >  Multimedia > Voice Records

Press **START** to start voice recording and press **STOP** to stop voice recording. During a voice recording, you can press **CANCEL** to cancel the recording. Press **EXIT** to quit **Voice Records**.

From **Voice Records**, you can press  to enter the **Voice Option** menu.

Options	
<b>Go to Voice Notes</b>	Go to the voice records library saved on the phone or the memory card.
<b>Voice Record Setup</b>	Adjust the voice record setting. The settings include <b>Record Length</b> and <b>Auto Save</b> . Select the record length as <b>Limited</b> or <b>Maximum</b> . You can also turn on or off the auto save mode.




Options	
<b>Switch Storage Device</b>	Choose to save the voice records on your phone or memory card.
<b>View Free Space</b>	Check the used and available memory on your phone or memory card.

## 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**.

### 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.

# messages

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You can send and receive text messages as well as access your voicemail from the Messages feature.




## send a message

**Find it:**  >  Messages > Create Message

- 1 Enter message text.
- 2 When you finish the message, press **OK**.
- 3 Choose one or more recipients.
- 4 Press **DONE** to send the message.

## receive a message




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

Press **Read** to read the message immediately, or save it for viewing later.

To read your received messages:

**Find it:**  >  Messages > Inbox


- 1 Scroll to the message you want to read.
- 2 Press the center key  to open 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 **New Voicemail**. Press **Call** to listen to the message.











To **check** voicemail messages later:
























**Find it:**  >  Messages > Voicemail













Press  to call your voicemail number.

Your phone 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	
<b>create a new message</b>	
 >  Messages > Create Message	
<b>read old text messages</b>	
 >  Messages > Inbox	
<b>delete text messages</b>	
 >  Messages > <i>location</i> > <i>message</i> >  > Delete	





features	
<b>call the message sender</b>	
 >  Messages > <i>location</i> > <i>message</i> >  > Call Back	
<b>set message alert</b>	
 >  Messages >  > Text Msg Setup > SMS Reminder	
<b>set up voicemail box</b>	
 >  Messages >  > Voicemail Setup	
<b>view the message memory meter</b>	
 >  Messages >  > Memory Meter	
<b>delete messages</b>	
 >  Messages >  > Cleanup Now	
Select the desired folder that you would like to delete.	
To clean up your message folders automatically:	
 >  Messages >  > Auto Delete Inbox or Auto Delete Outbox	

features	
<b>auto retry</b>  >  Messages >  > Auto Retry > Enable or Disable	
<b>set call back display</b>  >  Messages >  > Call Back Display > Enable or Disable	
<b>delivery acknowledgement</b>  >  Messages >  > Delivery Ack > Enable or Disable	








# other features
















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## advanced calling













features
<b>restrict calls</b> Restrict outgoing or incoming calls:  >  <b>Settings</b> > <b>Security</b> > <b>Restrict Calls</b>
<b>DTMF Tones</b> Your phone can send <i>Dual Tone Multi Frequency</i> (DTMF) tones for calling card calls or other automated touch-tone calls. <b>Set up DTMF tones:</b>  >  <b>Settings</b> > <b>Initial Setup</b> > <b>DTMF</b> Scroll to <b>DTMF</b> and press <b>SELECT</b> , then select <b>Short</b> or <b>Long</b> .

## phonebook

features
<b>create entry</b>  >  <b>Phonebook</b> > <b>[New Entry]</b> Select a location, enter entry details, and press <b>DONE</b> .
<b>view entry</b>  >  <b>Phonebook</b> Scroll to the entry or enter the first two letters of a name to show similar names. Then press <b>VIEW</b> to view the entry.
<b>call entry</b>  >  <b>Phonebook</b> View/select the entry, then press  .

features
<p><b>edit entry</b></p> <p> &gt;  Phonebook</p> <p>View/select the entry, then press  &gt; Edit.</p>
<p><b>delete entry</b></p> <p> &gt;  Phonebook</p> <p>View/select the entry, then press  &gt; Delete.</p>
<p><b>assign ringer ID to entry</b></p> <p> &gt;  Phonebook &gt; select an entry &gt;  &gt; Edit &gt; Ringer ID</p>
<p><b>check contacts memory space</b></p> <p> &gt;  Phonebook &gt;  &gt; Phone Capacity or RUIM Capacity</p>
<p><b>attach a phone number</b></p> <p> &gt;  Phonebook &gt; highlight the name &gt;  &gt; Attach Number</p>

## personalize

features
<p><b>change ring volume</b></p> <p> &gt;  Settings &gt; Ring Styles &gt; Detail &gt; Ring Volume</p>
<p><b>change key volume</b></p> <p> &gt;  Settings &gt; Ring Styles &gt; Detail &gt; Key Volume</p>
<p><b>change message alert</b></p> <p> &gt;  Settings &gt; Ring Styles &gt; <i>Style</i>Detail &gt; Message Tone</p>
<p><b>change menu language</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Language</p>
<p><b>change home screen menu icons</b></p> <p>Changes what is displayed on the home screen.</p> <p> &gt;  Settings &gt; Personalize &gt; Home Screen</p>
<p><b>change home screen soft keys</b></p> <p> &gt;  Settings &gt; Personalize &gt; Home Screen &gt; Home Keys &gt; left or right soft key</p>



## features

### change the smart key

 >  Settings > Personalize > Home Screen > Home Keys > Smart Key

### change menu view

Changes menu item order and selects whether the main menu uses icons or words.

 >  Settings > Personalize > Main Menu

### international code

You can set Mode to Automatic or Manual. You can also set your preferred Code.

 >  Settings > In-Call Setup > International Code

## features

### view MEID & ESN

*Mobile Equipment Identifiers* (MEID) are globally unique numbers identifying a physical piece of CDMA mobile station equipment. *Electronic Serial Numbers* (ESN) refers to a 32-bit control number used for cell phone activation in wireless carrier networks.

 >  Settings > Phone Status > MEID & ESN

### view battery meter

 >  Settings > Phone Status > Battery Meter















### view software version















 >  Settings > Phone Status > SW Version

### view PRL version

*Preferred Roaming List* (PRL) lets you specify which roaming networks your phone can try to connect to when it is outside of your normal service area.

 >  Settings > Phone Status > PRL Version

features
<p><b>set voice privacy</b> </p> <p> &gt;  Settings &gt; In-Call Setup &gt; Voice Privacy &gt; Enable or Disable</p>
<p><b>define answer option</b></p> <p> &gt;  Settings &gt; In-Call Setup &gt; Answer Option &gt; Send Key Only or Any Key</p>
<p><b>set easy prefix</b> </p> <p> &gt;  Settings &gt; In-Call Setup &gt; Easy Prefix &gt; Auto Change &gt; Off, Add, or Replace or Add</p>
<p><b>reorder menu</b></p> <p> &gt;  Settings &gt; Personalize &gt; Main Menu</p>
<p><b>create a greeting</b></p> <p> &gt;  Settings &gt; Personalize &gt; Greeting</p>
<p><b>create a banner</b></p> <p> &gt;  Settings &gt; Personalize &gt; Banner</p>

features
<p><b>color setting</b></p> <p>Color Settings selections include Pacific, Mandarin, Evergreen, Autumn, Dusk, and Silver.</p> <p> &gt;  Settings &gt; Personalize &gt; Color Setting</p>
<p><b>set time and date format</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Time and Date</p>
<p><b>backlight</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Backlight</p>
<p><b>set scroll pattern</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Scroll</p>
<p><b>set menu animation</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Animation</p>
<p><b>set hyphenation</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Hyphenation</p>
<p><b>set number speak</b></p> <p> &gt;  Settings &gt; Initial Setup &gt; Number Speak</p>

## features

### phone reset

 >  Settings > Initial Setup > Master Reset

### set ringer output

 >  Settings > In-Call Setup > Ringer Output

Ringer Output selections include **Headset only**, **Speaker only**, and **Both**.



**Note:** You must insert the ear piece to activate this function.

### home screen

From here, you can choose to modify the **Home Keys**, **Layout**, and **Clock**.

 >  Settings > Personalize > Home Screen

### main menu

 >  Settings > Personalize > Main Menu

### set screen saver

 >  Settings > Personalize > Screen Saver > Picture or Delay

## features

### set airplane mode


 >  Settings > Airplane Mode > Airplane Mode

### set airplane mode prompt

When the handset is turned on, a **Startup in Airplane Mode?** prompt appears. Press **YES** or **NO**.

 >  Settings > Airplane Mode > Prompt at Startup

## call times

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

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

### features

#### view call times

 >  Recent Calls > Call Timer 

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

## handsfree

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

#### change accessory volume









Press the side key up to increase or down to decrease the headset or speaker volume during a call.

#### turn on auto answer (headset)








Automatically answer calls when connected to a headset:

 >  Settings > Headset > Auto Answer

# network

features
<b>set service tones</b> Set phone to beep each time the network registration status changes:  >  <b>Settings</b> > <b>Network</b> > <b>Service Tone</b> > <b>On</b> or <b>Off</b>
<b>set call drop alerts</b> Set phone to play an alert tone whenever the network drops a call. (Because digital networks are so quiet, a call drop alert may be your only indication that a call was dropped.)  >  <b>Settings</b> > <b>Network</b> > <b>Call Drop Tone</b> > <b>On</b> or <b>Off</b>
<b>select a band</b>  >  <b>Settings</b> > <b>Network</b> > <b>Band Selection</b>
<b>set area code</b>  >  <b>Settings</b> > <b>Network</b> > <b>Area Code</b> > <b>Show</b> or <b>Hide</b>

# personal organizer

features
<b>add datebook event</b>  >  <b>Tools</b> > <b>Datebook</b> > scroll to highlight a day >  > <b>Day View</b> > <b>[New Entry]</b> A title is required for a datebook event. All other information is optional.
<b>view datebook event</b>  >  <b>Tools</b> > <b>Datebook</b> > highlight a day >  > <b>Day View</b> > highlight an entry > <b>View</b>
<b>copy a datebook event</b>  >  <b>Tools</b> > <b>Datebook</b> Scroll to the event, then press  > <b>Copy</b> , then <b>Select</b> , and <b>Yes</b> . Enter new information as needed, then press <b>Done</b> .

## features

### create a voice memo

 >  Multimedia > Voice Records


Speak into the microphone to record your voice memo. When you finish recording, press **Stop**.

### access the calculator

 >  Tools > Calculator

### convert currency

 >  Tools > Calculator >  > Exchange Rate

Enter the desired exchange rate and press **Ok**. Enter the amount to be converted and press . Scroll to **Convert Currency** and press **Select**.

## features

### alarm clock

Use the alarm clock function:

 >  Tools > Alarm Clock


Once an alarm is set, it may be disabled from the same menu. When the alarm goes off, the option of turning it off or pressing **Snooze** are on the home screen. The **Snooze** function will sound every 8 minutes until it is turned off.

**Note:** Certain features may not be available in all areas.

### stop watch

 >  Tools > Stop Watch

Press **START** to start counting the time and the **STOP** key to stop counting the time. Press **RESET** to reset the **Stop Watch**.

**Note:** Once **Stop Watch** is activated, press **SNAP** to record the time elapsed. Press  right or left to navigate through the recorded **SNAP** times.

# fun & games

## features

### play a game

 >  Games & App > *game*

# security

## features

### reset all phone options

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

 >  Settings > Initial Setup > Master Reset

## features

### clear all phone options and data

Reset all options except unlock code and security code:

 >  Settings > Initial Setup > Master Clear

### changing password

 >  Settings > Security > New Passwords

The default password is set to 1234.

# Specific Absorption Rate Data

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## 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.<sup>1</sup> 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.<sup>2</sup> In this case, the highest tested SAR value is \_\_\_ W/kg.<sup>1</sup>

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.



# Information from the World Health Organization

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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>

# Motorola Limited Warranty for the United States and Canada

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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

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

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

#### Exclusions

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

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

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

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

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

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

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

#### Software

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

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

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

## What Other Limitations Are There?

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

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

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

# Privacy and Data Security

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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 which 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 this user's guide.

**Note:** For information on backing up your mobile device data before erasing it, go to [www.motorola.com](http://www.motorola.com) and then navigate to the “downloads” section of the consumer Web page for “Motorola Backup” or “Motorola Phone Tools.”

- **Understanding AGPS**—In order to comply with emergency caller location requirements of the FCC, 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 use of your mobile device may impact your privacy or data security, please contact Motorola at [privacy@motorola.com](mailto:privacy@motorola.com), or contact your service provider.

# Smart Practices While Driving

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## Drive Safe, Call Smart<sup>SM</sup>

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Go to [www.motorola.com/callsmart](http://www.motorola.com/callsmart) for more information.**

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

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



inconvenient time, if possible, let your voice mail answer it for you.

- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.\*

- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.\*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.\*

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\* Wherever wireless phone service is available.



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U.S. patent Re. 34,976