APPLICANT: MOTOROLA,INC. FCC ID: IHDT56GR1

### **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. <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 1.00 W/kg, and when worn on the body, as described in this user guide, is 0.64 W/kg.

(Body-worn

measurements differ among phone models, depending upon available accessories and regulatory requirements).<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

- 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.
- The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

### FCC Notice To Users

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

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

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

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

encouraged to try to correct the interference by one or more of the following measures:

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

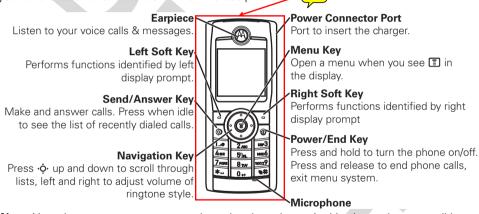
#### **FCC Notice**



# MOTOMANUAL

### HELLOMOTO

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola W215 wireless phone.



**Note:** Your phone may not appear exactly as the phone image in this picture; however, all key locations, sequences, and functions are the same.

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

www.hellomoto.com

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

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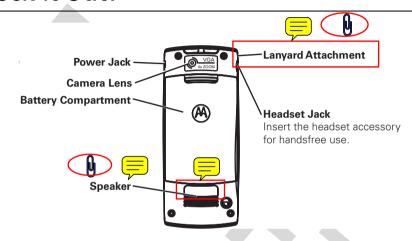
**Caution:** Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

#### **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 Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Fishermen, the purchase of 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.

Part number: 68XXXXX167-0

### check it out!



**Note:** Your phone may not appear exactly as the phone image in this picture; however, all key locations, sequences, and functions are the same.

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### menu map

#### main menu



#### Messages

- Create Message
- Voicemail
- Inbox
- Info Services
- Quick Notes
- Outbox
- Drafts



#### **Phonebook**

- Recent Calls Received Calls
  - Dialed Calls
  - Notepad
  - Call Times
- Call Cost



#### Games

- - Rebels Crazv







#### Office Tools

- Calculator
- MvMenu
- Alarm Clock
- Datebook Stop Watch
- Lantern **Quick Dial**
- Fixed Dial
- Service Dial



### Ring Styles

- Style
- Loud Ring Detail
- My Tones



(see next page)



#### Multimedia

- Camera
- Pict







#### Personalize

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



Note: Certain features may not be available in certain areas. Please contact your provider if you have questions.

#### settings menu

#### Call Forward

- Voice Calls
- Cancel All
- Forward Status

#### Phone Status

- My Tel. Numbers
- Active Line
- Battery Meter

#### In-Call Setup

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

#### Security

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

#### Initial Setup

- Time and Date
- Power on/off
- 1-Touch Dial Backlight
- Scroll
- Language Display Timeout
- Contrast
- DTMF
- TTY Setup
- Lantern Master Reset
- Master Clear

#### Network

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

#### Headset

Auto Answer



Note: Certain features may not be available in certain areas. Please contact your provider if you have auestions.

### Safety and General Information

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

# Exposure to Radio Frequency (RF) Energy

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

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

### **Operational Precautions**

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

 The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006. the relevant standards, always follow these instructions and precautions.

#### External Antenna Care

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

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

#### **Product Operation**

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

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

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

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

### RF Energy Interference/Compatibility

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

### Follow Instructions to Avoid Interference Problems

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

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

#### **Pacemakers**

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

Persons with pacemakers should observe the following precautions:

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

#### **Hearing Aids**

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

#### Other Medical Devices

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

### **Driving Precautions**

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

When using your mobile device while driving, please:

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

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

### **Operational Warnings**

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

#### Automobile Air Bags

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

#### Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks

on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

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

#### **Damaged Products**

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

#### **Batteries and Chargers**

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. Use only Motorola Original batteries and chargers.

**Caution:** To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, or mobile device may contain symbols, defined as follows:

#### Safety Information

Symbol	Definition
$\triangle$	Important safety information follows.
8	Do not dispose of your battery or mobile device in a fire.
43	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.
⊝Li lon BATT ⊕	Your mobile device contains an internal lithium ion battery.
*	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

### **Choking Hazards**

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

#### **Glass Parts**

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

#### Seizures/Blackouts

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

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

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the

lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

### Caution About High Volume Usage



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

### Repetitive Motion

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

### Use and Care

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



#### liquids of any kind

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



#### dust and dirt

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



#### extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.



#### cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



#### microwaves

Don't try to dry your phone in a microwave oven.



#### the ground

Don't drop your phone.

### 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.

# European Union Directives Conformance Statement



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



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

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

### essentials

### about this guide

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

Find it : Press > Recent Calls > Dialed Calls

This example shows that, from the home screen, you press to open the menu, highlight and select Recent Calls, then highlight and select Dialed Calls.

Press � to scroll to and highlight a menu feature. Press the **SELECT** key to select the highlighted menu feature.

symbols	
	This means a feature depends on the network or subscription and may not be available in all areas. Contact your service provider for more information.
ð	This means a feature requires an optional accessory.

### SIM card

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

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

1





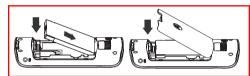
### battery

### battery installation

1







**Note:** If you remove the battery for a long time, the phone will ask you to reset the time and date. If you choose to cancel or ignore, the time and date will be **affected**. You can input the correct time and date by:

Find it: Press > Settings > Initial Setup > Time and Date

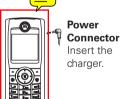
But, if you remove the battery just for a few seconds (e.g., quickly change SIM card), the system either won't ask you to reset the time and date or if prompted, you can choose **BACK** on the time and date screen, the clock will only be slightly affected.

### battery charging

New batteries are shipped partially charged. Before you can use your phone, install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Plug the charger into your phone and an electrical outlet. Your phone displays **Charge Complete** when finished

**Tip:** You cannot overcharge your



battery. It will perform best after you fully charge and discharge it a few times.

### 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.



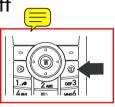
Contact your local recycling center for proper battery disposal.

**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 the gray-edged pages at the back of this guide.

### turn it on & off

To turn on your phone, press and hold ① for 2 seconds. If prompted, enter your SIM card PIN code and/or unlock code.



**Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. Contact your service provider.

To turn off your phone, press and hold for 2 seconds.

### make a call

Enter a phone number and press to make a call.

To end the call, press

### answer a call

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

To end the call, press 💿

You can also answer or end a call by pressing any key when the **Multi-key** answer option is activated.

> Answer Options

### your phone number



To see your number:

Press 🔳 > Settings > Phone Status > My Tel. Numbers

To store or edit your name and number on your SIM card, press **VIEW** while displaying it. If you don't know your phone number, contact your service provider.

### main attractions

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlights.

### zoom number display

Zoom number display is a smart function that lets you see the screen numbers more easily. Your phone automatically alters the screen font size depending on how many digits are in the number. Because most people enter 7 digits most frequently, your font size is large most of the time and becomes smaller only when necessary.

# multi-letter phonebook search

There are two search methods, search by Find, and search by Jump, for phonebook entry searching.

To define the search method:

Find it: Press ■ > Phonebook > ■ > Search By

### search by jump

Press a keypad key 1 or more times to jump to entries that begin with the key's letters. Press a second letter to jump to entries beginning with the two letters you entered. You can enter up to six letters.

### search by find

When you enter the first letter of an entry in your phonebook, a pop-up screen will ask you to input the name you would like to search for.

You can input the first several letters of the target entry's name, then press **OK**, and the phonebook will jump to the closest match entry.

### lantern

The **Lantern** feature enables you to change your phone's idle display into a flashlight. This can be useful in many situations, such as searching under a car seat or locating a door lock in the dark.

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

To activate this feature:

Find it: Press 🔳 > Office Tools > Lantern

You can specify how long the **Lantern** feature lights the display when you activate it:

Find it: Press > Settings > Initial Setup > Lantern

When your phone alerts you to an incoming event (for example, an incoming message or phone call, an alarm, or a datebook event) while the **Lantem** feature is active, you can deactivate the **Lantem** feature immediately. When you receive notification:

- 1 Press any key.
- 2 Accept the incoming event.

The **Lantern** feature can be set as a shortcut via **My Menu**.

To set up the **Lantern** feature in **MyMenu**, follow the steps below:

- 1 Press **> Office Tools**.
- 2 Scroll to Lantern, then press and hold .

The phone will prompt you to assign a number key.

### datebook

The datebook is a calendar that lets you schedule and organize events, such as appointments and meetings. You can review your schedule of events by month, week, or day, and have the datebook play a reminder alarm for specific events.

**Note:** You must set the phone's correct time and date in order to use the datebook.

To schedule or review events in the datebook:

Find it: Press > Office Tools > Datebook

### view by month or by week

When you open the datebook, your phone displays a calendar for the month or week, depending on the default setting.

To change the week view or month view:

 ${\tt Press} \ \blacksquare \ > {\tt Office} \ {\tt Tools} > {\tt Datebook} > {\tt Week} \ {\tt or} \ {\tt Month}.$ 

In week view, lines or filled boxes under each day indicate scheduled events.

### view by day

Select a day in the week view or month view and press to see the day's events. You can store, edit, view, copy, and delete any event from the day view.

### view by event

Select an event in the day view and press

to open the detailed event view. You can

edit, copy, and delete events from the event view

#### add a new event

You can add a new event two different ways.

Press **3** > Office Tools > Datebook > **3** > Day **View** > [New Entry].

#### or

Press  $\square$  > Office Tools > Datebook > New >  $\square$ > New > Event.

To set up the **Event** detail, follow the steps below. A title is required for a datebook event. All other information is optional.

- Press CHANGE to select Title.
- Use the keypad keys to enter a title for the event.
- Press **0K** to store the event title.

- Press up and down to scroll to other fields and enter information as necessary. Other fields let you enter **Start**, **Duration**, **Date**, Repeat, and Alarm.
- Press **DONE** to store the new event and return to the day view.

#### add a new task

You can add a new task:



Find it: Press > Office Tools > Datebook > New

> 🗊 > New > Task

To set up the **Task** detail, follow the steps below. A summary is required for a datebook task. All other information is optional.

- Press **CHANGE** to select **Summary**.
- Use the keypad keys to enter a summary for the task.
- Press **0K** to store the task summary.

#### 24 main attractions

- 4 Press ô up or down to scroll to other fields and enter information as necessary.
  Other fields let you enter Start Date, Deadline, Priority, Completed, Category, and Status.
- **5** Press **DONE** to store the new task and return to the day view.

### change event/task information

To change information about an existing event/task:

Find it: Press 🔳 > Office Tools > Datebook

- 1 Press • left or right to scroll to the scheduled event/task day.
- 2 Press > Day View to display the day view.
- 3 Press • up or down to scroll to the event/task you want to change.
- **4** Press **VIEW** to display the event/task.

- 5 Press EDIT to edit the event/task.
- Fress up or down to scroll to the detail you want to change.
- **7** Press **CHANGE** to edit the information.
- **8** Use the keypad keys to enter the new information.
- **9** Press **DONE** to store the information.

### copy an event/task

To copy information from a current event/task to a new event/task:

Find it: Press 🔳 > Office Tools > Datebook

- 1 Press • left or right to scroll to the scheduled event/task day.
- 2 Press > Day View to display the day view.
- 3 Press · Ô · up or down to scroll to the event/task to copy.

- 4 Press 🔳 to open the Datebook Menu.
- 5 Press • up or down to scroll to Copy.
- **6** Press **SELECT** to copy the event/task.
- 7 Press YES to confirm the copy.
  Your phone assumes that you want to change the date and displays the Date field.
- 8 Use the keypad keys to enter the date information.
- 9 Press • left or right to scroll to the day, month, and year.
- **10** Press **0K** to save the copy of the event/ task.
- 11 Press ô up or down to scroll to event/ task details and edit the information as necessary.
- **12** Press **DONE** to store the new event/task and return to the day view.

#### delete an event

#### Find it: Press > Office Tools > Datebook

- 1 Press • left or right to scroll to the scheduled event day.
- 2 Press > Day View to display the day view.
- 3 Press up or down to scroll to the event to delete.
- 4 Press **T** to open the **Datebook Menu**.
- **5** Press up or down to scroll to **Delete**.
- 6 Press **SELECT** to select **Delete**.

For non-repeating events, a confirmation message will pop up. Choose **Yes** or **No** to confirm or cancel the delete. For repeating events, the phone displays a delete event menu.

Press • • up or down to scroll to This Event Only or Repeat Events. Press SELECT to select the event(s) to delete.

#### delete a task

Find it: Press > Office Tools > Datebook

- 1 Press • left or right to scroll to the scheduled task day.
- 2 Press > Day View to display the day view.
- 3 Press ·Ô· up or down to scroll to the event to delete.
- 4 Press **T** to open the **Datebook Menu**.
- 5 Press 💠 up or down to scroll to **Delete**.
- 6 Press **SELECT** to select **Delete**.

Your phone displays a confirmation message. Choose Yes or  $N_0$  to confirm or cancel the delete.

## set the alarm within the datebook

You can set the **Datebook** to function as an alarm clock.

Find it: Press > Office Tools > Datebook >

- > New > Event
- 1 Scroll to **Start** and use the number keys to enter the desired time.
- 2 Scroll to Alarm and select Custom.
- 3 Use the number keys to enter 0 hrs, then press 0K.

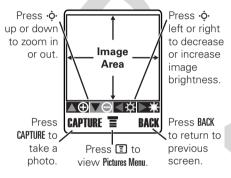
**Note:** You will need to enter a **Title** in order for the **Alarm** to function.

#### 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.
- Press STORE to view the storage options. If you choose to keep the photo, continue to step 4.
- **3** Press **DISCARD** to delete the photo and return to the active viewfinder.
- 4 Scroll to Store Only, Apply as Wallpaper, Apply as Phonebook Entry and press SELECT to confirm.

**Note:** If the screen flickers when taking a picture, try to adjust the frequency for the **Flicker** setting. For example, if the **Flicker** is currently set to 50Hz, switch to 60Hz, and try taking a photo again.

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

From the active view finder, you can press 
to view the **Pictures Menu**:

#### option

Go To Pictures

Go to the picture library.

#### **Auto-Timed Capture**

Set the camera to take a photo automatically after 5 or 10 seconds delay.

#### Picture Setup

Adjust the picture settings, including: Lighting Conditions, Exposure, Resolution, Shutter Tone, Image Quality, and Flicker.

#### View Free Space

Check used and available memory.

### use auto-timed capture

You can set the camera to take a photo automatically after 5 or 10 seconds delay.

#### 

- 1 Press • up or down to select 5 or 10 seconds, then press SELECT. The screen returns to the active view finder.
- 2 Frame your subject, and the camera will automatically take the image after the specified time delay.

### change lighting conditions

Find it: Press > Multimedia > Camera > > Picture Setup > Lighting Conditions

1 Press • up or down to choose a lighting condition and press **SELECT**.

You can choose from the following lighting options: Automatic, Sunny, Cloudy, Indoor (Home), Indoor (Office), or Night.

### set the image exposure

Find it: Press > Multimedia > Camera >

- > Picture Setup > Exposure
- Press ô up or down the scale and select the desired exposure setting for your picture.
- **2** Press **SELECT** to save your settings.

The exposure is set to zero as the default. You may need to increase the exposure to lighten a dark subject, or decrease the exposure when the subject is very bright.

### set the image resolution

Use the **Resolution** option to set the size of captured images.

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

1 Press ·**ô**· up or down to select from **Low** (160x120), **Medium** (320x240), or **High** (640x480) resolution and press **SELECT**.

**Note:** Images with higher resolution use more memory space.

#### select shutter tone

You can change the shutter tone.

Find it: Press > Multimedia > Camera > > Picture Setup > Shutter Tone

- Press O up or down to choose Chirp, Quack, Flix, Boing, or None to turn the shutter tone off.
- 2 Press SELECT to save your settings.

# set the image quality

Use this function to set the image quality of captured images.

Find it: Press > Multimedia > Camera > > Picture Setup > Image Quality

- 1 Press · O· up or down to choose Good, Better, or Best.
- 2 Press SELECT to save your settings.

**Note:** Higher image quality uses more memory space.

#### set the flicker

If the screen flickers when taking a picture, try to adjust the frequency of the **Flicker** setting. For example, if the **Flicker** is currently set to 50Hz, switch to 60Hz, and try taking a photo again.

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

- 1 Press • up or down to choose 50Hz or 60Hz
- **2** Press **SELECT** to save your settings.

### view free memory space

Use this function to see the used, available, and total memory space on your phone.

Find it: Press > Multimedia > Camera > > Picture Setup > View Free Space

# pictures

From the **Picture Library**, you can view images and file details, set the picture as wallpaper or caller ID, or delete unwanted images.

### view pictures

Find it: Press 🔳 > Multimedia > Pictures

- 1 Press · O· up or down to select a picture, then press View to display the selected image.
- 2 Press Details to view the file name, size, type, and the date and time the picture was taken.

### set an image as wallpaper

You can set a captured image as wallpaper.

Find it: Press > Multimedia > Pictures > > Set As

- 1 In the **Pictures Viewer**, first select the image you want to set as wallpaper.
- 2 Press 🔳 to open Pictures Menu.
- 3 Press ·Ô· up or down to select Wallpaper.

The selected image will be applied as the phone wallpaper.

### set an image as caller ID

You can set an image to display as Caller ID for incoming calls.

Find it: Press > Multimedia > Pictures > > Set As

- 1 In the **Pictures Viewer**, first select the image you want to set as caller ID.
- 2 Press **T** to open **Pictures Menu**.

- 3 Press • up or down to select Caller Identification.
- The Phonebook screen appears. Choose the contact you want to add the picture to, and press Add.

The selected image will be applied as Caller ID.

**Note:** This feature is available only for contacts saved to the phone.

### play slideshow

Use this function to start a slideshow of the images stored on your phone.

Find it: Press > Multimedia > Pictures >

All images stored on the phone are displayed one after another. Press **PAUSE** to pause the slideshow and press **RESUME** to continue.

### rename a image

Captured images are automatically saved with a unique file name. You can change the file name to suit your needs.

Find it: Press 🗊 > Multimedia > Pictures

- > 🔳 > Rename
- 1 In the **Pictures Viewer**, first select the image you want to rename.
- 2 Press 🔳 to open Pictures Menu.
- 3 Press o up or down to select Rename.
- **4** The name screen appears. Enter a new name for the image and press **OK** to save your settings.

# delete an image

Find it: Press > Multimedia > Pictures > > Delete

- 1 In the **Pictures Viewer**, first select the image you want to delete.
- 2 Press To open Pictures Menu.
- 3 Press o up or down to select Delete.

# delete all images

Use this function to delete all captured images saved to the phone.

A confirmation message appears. Select **YES** to confirm.

### use the FM radio

You can listen to and program up to nine of your favorite FM radio stations.

#### turn on the FM radio

Find it: Press > Multimedia > FM Radio

The FM radio will automatically tune in the lowest available frequency when you use it for the first time. After that, it will tune in the frequency last used. Press •• up and down to increase or decrease the volume.



**Note:** The earpiece must be inserted into the phone for the FM radio to function. If you try to turn it on without inserting the earpiece, your phone will display **Please Insert The Earpiece**.

**Note:** The headset also acts as an antenna, so the FM Radio receiver performance is dependent on the type of headset device connected. If a non-Motorola 3.5 mm headset is connected to the phone through the adapter (2.5 - 3.5 mm), or the headset is curled up or kinked, performance may be affected.

#### tune the FM radio



- 1 Press > Multimedia > FM Radio.
- 2 Press • left or right to increase or decrease the frequency. Each keypress will increase or decrease the frequency by 0.1 or 0.2 MHz, depending on your region.
- 3 Press and hold ô left or right to activate the scanning feature. The FM radio will scan to the next usable frequency. You can continue scanning by pressing ô again.

### use the radio presets

You can store up to nine preset radio stations.

### set the radio presets

- 1 Tune in the desired frequency by pressing • left or right.
- **2** Press and hold number keys to save that number as the preset.

#### select a radio preset

Press number keys to select the corresponding radio preset.

# play FM radio through speaker or headset

To play the FM Radio through the speaker, press **SPEAKER**.

To change to the headset, press EARPIECE.

**Note:** The headset must be inserted into the phone for the FM radio to play through the speaker.

### turn off FM radio

To turn off the radio, press RADIO or remove the headset.

# read Nokia smart messages with iMelady

Find it: Press > Messages > Text Msqs

To open a Nokia Smart Message:

- Press  $\hat{\mathbf{o}}$  to scroll to the message.
- Press **READ** to open the message. The phone asks Play Ring Tone?
- Press **YES** to play the iMelody. Press **NO** to cancel playing.

**Note:** iMelody will play only if the format is correct. Your phone displays a confirmation message.

Press **STORE**. The file name appears.

**Note:** You can download ringtone via SMS messages.

# store iMelody

To store the iMelody:

- 1 Press **STORE**. The file name appears.
- Press **0K** to save the iMelody into flash.

Storing your iMelody may fail for two reasons: if the file name is duplicated, or if the memory is full. If the file name is duplicated, rename the file under My Tones. If the memory if full, replace old ring tones with the new one

# read Nokia smart message with vCard

Find it: Press 🔳 > Messages > Text Msgs

To open the Nokia Smart Message:

- 1 Press o to scroll to the message.
- 2 Press READ to open the message.
  The phone asks Store vCard?
- 3 Press YES to store vCard in the phonebook. Press No if you don't want to store vCard.

**Note:** vCard will be stored only if the format is correct. Your phone displays a message if the format is not supported.

**Note:** If your phonebook already is full, vCard can't be stored. If necessary, delete one phone entry before storing vCard.

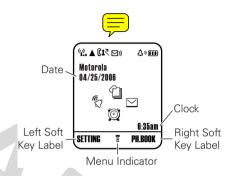
# basics

See page 1 for a basic phone diagram.

# display

The home screen displays when you turn on the phone. To dial a number from the home screen, press the number keys and .

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



When  $\blacksquare$  is displayed, you can press  $\blacksquare$  to open the menu. Soft key labels show the current soft key functions. For soft key locations, see page 1.

In the home screen, press • • up, down, left, or right to scroll main functions. You can choose to show or hide the icons on the home screen.

Find it: Press > Personalize > Home Screen > Home Kevs > Icons

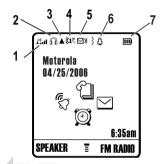
You can also change the functions of the soft keys, and which functions appear on your home screen.

Find it: Press > Personalize > Home Screen > Home Keys > Up, Down, Left, Right, Left Soft Key, or Right Soft Key

**Note:** The home key function can only be used when the FM radio is not activated.

### status indicators

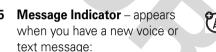
Status indicators display at the top of the home screen:



- 1 Signal Strength Indicator shows the strength of your phone's connection with the network.
- **2 Headset Indicator** displays when the headset is plugged into the phone.



- 3 Roam Indicator appears when your phone uses another network system outside your home network.
- 4 LINE Indicator indicates if your phone is using Line 1 or Line 2.



(A)

 ₹ = text
 □ = voicemail

 message
 message

**Note:** A flashing message indicator means that your inbox is full. You will not be able to receive new messages until you delete old ones.

**6 Ring Style Indicator** – shows the ring style setting.

Δϑ) = loud ring 

\$Δ\$ = vibe and

ring

 $\triangle$ <sup>3</sup> = soft ring  $\triangle$  = vibe then

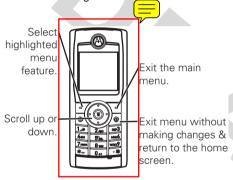
ring

郎 = vibrate 章 = silent

7 Battery Level Indicator – vertical bars show the amount of charge left in your battery. The more bars, the greater the charge.

#### menus

From the home screen, press to enter the main menu, then press to scroll up and down through the main menu list.



The following menu icons may be available, depending on your service provider and service subscription options.

menu features	
Messages	🖔 Ring Styles
2 Phonebook	8 Settings
Recent Calls	🗑 Multimedia
😩 Games	Personalize
← Office Tools	

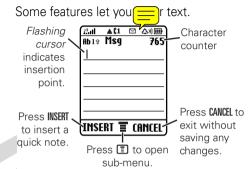
**Note:** Certain features may not be available in certain areas.

# select a feature option

Some features require you to select an option from a list: Ati M Anim - Highlighted Phonehook Option. AMDREAS RFRNARD Press RACK to go back to FΓ previous Press WFW to. screen see details of ÌÙIEW BACK highlighted option. Press 1 to to open sub-menu

Scroll up or down to highlight the option you want.

# text entry



# choose a text entry method

Multiple text entry methods make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Press # in any text entry screen to select one of the following modes:

#### entry mode

#### Tap

Includes iTAP English, Tap Extended, and Tap English.

#### Numeric

Enter numbers only.

### **Symbol**

Enter symbols only.

### set up text entry mode

To set your text entry modes, press **1** in a text entry screen and select the desired entry mode.

**Tip:** Pressing **1** will toggle between uppercase and lowercase in English alphabet text entry.

### iTAP<sup>™</sup> mode

Press ## in a text entry screen to switch to iTAP mode. iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words and predicts each word as you enter it.

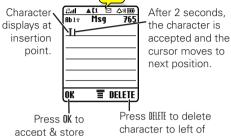
For example, if you press 7764, your phone displays a list of suggestions for words such as **Prog**, **Proh**, and **Spoi**.

# tap mode

Press # in a text entry screen and select tap mode.

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

For example, if you press **8** once, the phone displays:



• If you want a different word (such as **Text**), continue pressing keypad keys to enter the remaining characters.

insertion point.

 Tap Extended mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

#### numeric mode

Press the number keys to enter the numbers you want.

### symbol mode

Press a keypad key to show its symbols at the bottom of the display.

Highlight the symbol you want, then press **SFIFCT** 

### volume

When you are in a call, press  $\cdot \hat{\mathbf{Q}}$  right to increase earpiece speaker volume, left to decrease it. When the phone display is idle, press and hold  $\cdot \hat{\mathbf{Q}}$  right or left to adjust the ringer volume.

**Tip:** During a call, you can set your phone to mute by pressing **S** > **Mute**.

text.

# navigation key

Press the *navigation* key •• left or right to scroll and highlight options.



# codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. If your service provider did not change these codes, you should change them:

Find it: Press > Settings > Security > New Passwords

You can also change your SIM PIN.

**If you forget your unlock code:** Try entering 1234 or the last four digits of your phone number.

**If you forget other codes:** If you forget your SIM PIN code or PIN2 code, contact your service provider.

# lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

To **manually lock** your phone:

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

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

Find it: Press > Settings > Security > Phone Lock > Automatic Lock > On.

You can set up the time amount before the keypad automatically locks.

The options are **Off**, **15 seconds**, **30 seconds**, and **1 minute**.

Find it: Press > Settings > Security > Lock Keypad Timer.

#### Note:

- You can make emergency calls with a locked keypad (see page 55). With a locked keypad, the phone still rings or vibrates for incoming calls and can be answered without unlocking the keypad.
- When the keypad is locked, there is a 1 second wait time between each key press. If you press a key prematurely, the display does not update, and it could appear as if the phone has powered down.
- You can make emergency calls on a locked phone. A locked phone still rings or vibrates for incoming calls, but you

need to unlock it (with your 4-digit code) to answer.

# check battery meter

To check your battery meter:

Find it: Press > Settings > Phone Status > Battery Meter

# customize

# ring style

Your phone rings and/or vibrates to notify you of an incoming call, message, or other event. This ring and/or vibration are called an alert. You can select 1 of 6 different alert profiles: Loud Ring, Soft Ring, Vibrate, Vibe and Ring, Vibe then Ring, and Silent.

The profile indicator for the ring style displays at the top of your home screen. To choose your profile:

**Find it:** Press **T** > **Ring Styles** > **Style** > *alert type* 

### change ring details

You can change the ring or key volume and select vibrate/silent/ring details for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: Press > Ring Styles > Detail > desired event > Change > alert for event

### my tones

This feature allows you to create custom alert tones for your phone. The tones you create appear automatically in the list of available alerts.

#### create a tone

Find it: Press > Ring Styles > My Tones

- 1 Press • up or down to scroll to Empty Ring.
- **2** Press **SELECT** to go to **Tone Details**.
- 3 Press CHANGE to select Notes:
- **4** Use the number keys to enter notes for the tone.
- **5** Press **0K** to store the notes.
- 6 Press CHANGE to select Name:
- **7** Use the keypad keys to enter the name for the tone.
- 8 Press OK to store the name.
- 9 Press DONE to store the tone.

#### enter notes

To enter a note, press • up and down to select the note name.

You can also enter a note by pressing the key associated with the note name.

To change octaves, press ① twice to insert a 🔀, then enter the octave number.

Press ① to insert a flat & or sharp \* before the note.

Change note length by inserting 0-5 after the note.

Use the **7** to insert a reset **r**.

Scroll left or right by pressing the  $\diamondsuit$ , or using the  $\boxtimes$  and  $\blacksquare$ .

### play a note

Find it: Press > Ring Styles > My Tones

- 1 Press up or down to scroll to the tone you want to play.
- 2 Press **T** to open **Tone Menu**.
- 3 Scroll to Play and press SELECT.

The phone displays the playback meter and plays the tone.

4 Press Play to play the tone again or press CANCEL to return to the My Tones list.

#### edit a tone

Find it: Press 🔳 > Ring Styles > My Tones

- 1 Press • up or down to scroll to the tone you want to edit.
- 2 Press EDIT to open the tone details.
- 3 Press o up or down to scroll to the details you want to edit (Name or Notes).
- **4** Press **CHANGE** to select the details you want to edit.

- **5** Use the keypad keys to enter new text or notes.
- 6 Press **0K** to store the details.

#### delete a tone

You can delete a custom tone you created.

Find it: Press > Ring Styles > My Tones

- 1 Press • up or down to scroll to the tone you want to delete.
- 2 Press 🔳 to open My Tones.
- 3 Press up or down to scroll to **Delete**.
- 4 Press **SELECT** to select **Delete**.
- **5** Press **YES** to confirm the deletion.

### browse my tones

Find it: Press > Ring Styles > My Tones

- 1 Press o up or down to scroll to a tone.
- 2 Press to select functions such as Edit, Delete, and Play.

# time & date

To set the time and date for your phone:

Find it: Press > Settings > Initial Setup > Time and Date

# wallpaper

You can set a picture as a wallpaper (background) image on your home screen.

Find it: Press 🔳 > Personalize > Wallpaper

**Note:** To choose an analog or digital clock for your home screen, Press **> Personalize Home Screen > Clock Set.** 

#### screen saver

You can set a picture or clock as a screen saver image. The screen saver displays when no activity on the home screen is detected for a specified time.

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

Find it: Press 🔳 > Personalize > Screen Saver

# display appearance

You can set the contrast of your phone display:

Find it: Press > Settings > Initial Setup > Contrast

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

Find it: Press > Settings > Initial Setup > Backlight

To choose the **colors** that your phone uses for indicators, highlights, and soft key labels:

 ${\sf Press} \ \ \overline{\blacksquare} \ > {\sf Personalize} \ > {\sf Color} \ {\sf Style}.$ 

To set your display Color Style:

Press **T** > **Personalize** > **Color Style**.

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

Find it: Press > Settings > Initial Setup > Display Timeout

# answer options

You can use additional methods to answer an incoming call. To activate or deactivate an answer option:

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

option	
multi-key On	Answer by pressing any
	key.
multi-key Off	Answer by pressing .

# calls

To make and answer calls, see page 20.

### recent calls

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

Find it: Press 🔳 > Recent Calls

 Highlight Received Calls or Dialed Calls, and SELECT.

- 2 Highlight a call.
  - To call the number, press .
  - To see call details (such as time and date), press VIEW.

From the **Dialed Calls** list, press **1** to see the following options:

option	
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Show ID	Show your caller ID for the next call.

option	
Hide ID	Hide your caller ID for the next call.
Send Message	Deliver the message.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.

### redial



2 Highlight the entry you want to call and press ②.

If you hear a busy signal and you see **Call Failed**, **Number Busy**, press **t** to redial the number.

### return a call

Your phone keeps a record of your unanswered calls and displays **Missed Call(s): X**, where **X** is the number of missed calls.

- 1 Press VIEW to see the Received Calls list.
- 2 Highlight the call you want to return and press **(a)**.

**Note:** If there is a missed call, it will be displayed on the home screen. You can one-touch dial that number from the home screen. If you have more than one missed call, you will see a list of the missed numbers and may select one and dial it.

# notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. These digits can be the last phone number that you called, or a phone number that you simply entered but did not call. These digits remain in the notepad even when you turn off the phone.

To call the number, create a phonebook entry, or perform other operations with the number stored in the notepad:

Find it: Press 🔳 > Recent Calls > Notepad

- To call the number, press .
- To create a phonebook entry with the number in the No. field, press STORE.

# hold or mute a call

When you are on a call:

Press > Hold to put all active calls on hold.

Press  $\blacksquare$  > **Mute** to put all active calls on mute.

# call waiting



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

Press (1) to answer the new call.

- To switch between calls, press SWITCH.
- To connect the two calls, press LINK.
- To end the call on hold, press
   > End Call On Hold.

To turn the call waiting feature on or off:

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

### caller ID



Calling Line Identification (caller ID) shows the phone number of an incoming call on your display.

Your phone shows the caller's name when it is stored in your phonebook, or **Incoming Call** when caller ID Information isn't available.

To show or hide **your phone number** for the next outgoing call or for all calls:

Find it: Press > Settings > In-Call Setup > My Caller ID

# 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 when your phone is locked or the SIM card is not inserted. You can dial and call the emergency number when your phone is locked or when you are prompted to enter a code or password.

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

To call emergency numbers at any time:

1 Press the keypad keys to dial the emergency number.

2 Press (a) to call the emergency number.

# international calls



If your phone service includes international dialing, press and hold ① to insert your local international access code (indicated by +). Then press the keypad keys to dial the country code, such as +444 for the U.K., +33 for France, and the phone number.

# 1-touch dial

To call phonebook entries 2 through 9, press and hold the 1-Touch Dial number for one second.

You can set 1-Touch Dial to call the entries in your Phonebook or Fixed Dial list:

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

**Note:** To change 1-touch numbers, go to Tell > Phonebook > VIEW > EDIT.

#### voicemail

When you receive a voicemail message, your phone displays 1 New Voicemail Message and a new voicemail indicator. Some networks only indicate when you have messages, whether they are new or not. If you delete all voicemail messages, the voicemail indicator will disappear.

To listen to your voicemail message:

Find it: Press  $\blacksquare$  > Messages > Voicemail

or

Press and hold (1) (only supported in some regions).

Your phone may prompt you to store your voicemail phone number. If you do not have a voicemail number stored, the phone guides you through storing the number.

If you don't know your voicemail number, contact your service provider.

# insert special characters into dialing sequences

You can insert special characters, as well as numbers, in a phone number.

option	
p (pause)	Your phone waits until the call
	connects before it dials the
	next digit(s) in the series.
w (wait)	Your phone waits until the call
	connects, then prompts you
	for confirmation before it dials
	the next digit(s).

You can add a pause or a wait while your call is dialing. To add a pause before the phone connects, press  $\textcircled{\times}$  twice. When p appears, press it to add a pause. Or, if you are adding a wait, press  $\textcircled{\times}$  three times. The  $\mathbf{w}$  will eventually appear and, when it does, press it to add a wait.

# other features

# advanced calling

feature	
conference	During a call:
call	Dial next number, press (a), and then press (LINK.
attach a phone number	Press > Phonebook and scroll to the desired entry. Press > Attach Number, and choose from Phonebook, Dialed Calls, or Received Calls.
call forwarding	Set up or cancel call forwarding:
	<b>■</b> > Settings > Call Forward

feature		
call barring	Restrict outgoing or incoming calls:	
	<b>I</b> > Settings > Security > Barring	· Call

### feature change If you have a SIM (A) phone line card for dual phones, you can change your line to make and receive calls from your other phone number. **I** > Settings > Phone Status > Active Line The active line indicator shows the active phone line.

feature	
fixed dial	When you turn on Fixed Dial you can call only numbers stored in the Fixed Dial, list.
	Turn Fixed Dial on or off:
	> Settings > Security > Fixed
	<b>Tip:</b> To turn <b>Fixed Dial</b> on and off, first enter your <b>SIM PIN2</b> .
	Use the <b>Fixed Dial</b> list:
	> Office Tools > Fixed Dial
quick dial	To save Quick Dial numbers:
	> Personalize > Quick Dial
	To dial Quick Dial numbers:
	■ > Office Tools > Quick Dial

feature		
DTMF	Change DTMF	£
tones	tones:	
	Settings > Initial > DTMF	Setup

# phonebook

eature	
add new entry	$\blacksquare$ > Phonebook > $\blacksquare$ > New > Name or No.
	<b>Shortcut:</b> Enter a phone number in the home screen, and press <b>STORE</b> to create an entry for that number.
	<b>Note:</b> Your phone's memory limit is 500 entries. The SIM card's memory limit depends on your carrier's SIM card type.

feature	
dial number	Call a number stored in the phonebook:
	> Phonebook, highlight the phonebook entry, press ①.
	<b>Shortcut:</b> In the <b>Phonebook</b> , press keypad keys to enter the first letter of an entry name to jump to the entry.

Press a keypad key 1 or more times to jump to entries that begin with the key's letters.
Press a second letter to jump to entries beginning with the two letters you entered. You can enter up to twelve letters.
■ > Phonebook > ■ > Search By

feature	
copy phonebook entry	Copy a phonebook entry from the phone to the SIM card, or from the SIM card to the phone:
	> Phonebook, highlight the entry, press
	Note: Phonebook entries must have speed dial numbers from 1-500, while SIM card entries numbers are from 501-540. Therefore, copying an entry from one to the other will change its speed dial number.

feature	
copy multiple entries	Copy multiple phonebook entries between the phone and SIM card:
	> Phonebook, highlight one entry, press > Copy Entries, press CHANGE, enter the starting/ending speed no., press OK.
copy all phone entries to the SIM card	To copy all phone entries to the SIM card:  > Phonebook, highlight one entry, press  > All to SIM.
copy all SIM entries to the phone	To copy all SIM entries to the phone:

### feature phone/SIM To check the memory capacity capacity of your phone or SIM card: Note: Your phone's memory limit is 750 entries. The SIM card's memory limit depends on your carrier's SIM card type. **> Phonebook**, highlight one entry, press > SIM Capacity/Phone Capacity.

# messages

feature		
send text messages	■ > Messages > Create Message	)
send a quick note	■ > Messages > Quick Notes	)
move to phone/SIM	To move a message from the phone to the SIM card, or from the SIM card to the phone:	,
	<ul><li>&gt; Messages &gt; Inbox,</li><li>highlight a message, press</li><li>&gt; Move to Phone or Move to</li><li>SIM</li></ul>	
read new message	Read a new text message:	)
	Press <b>READ</b> when the <b>New Message</b> notification displays.	

feature	
read old messages	Reread your previously read messages. Press 1 to perform various operations on a message.
	■ > Messages > Inbox > Delete, Call Back, Reply, Forward, Store or Delete All.
read sent messages	Sent messages are saved in the Outhox.
	> Messages > Outbox
edit old drafts	Save the message that you are editing to the <b>Drafts</b> folder for later editing.
	> Messages > Drafts

feature	
info services	Read messages from subscription-based information services:
	$\blacksquare$ > Messages > Info Services
message	Check the message
memory	memory meter:
meter	
illetei	
text	•
	> Memory Meter

# personalizing

feature	
language	Set the menu language:
	Settings > Initial Setup
	> Language
scroll	Set the highlight bar to
	stop or wrap around in the
	menu lists:
	Settings > Initial Setup
	> Scroll
ring	<b>T</b> > Ring Styles > style Detail
volume	> Ring Volume
keypad	<b>T</b> > Ring Styles > style Detail
volume	> Key Volume
main menu	Reorder the main menus
	on your phone:
	🔳 > Persnalize > Main Menu

feature	
change soft keys and home screen	Change the functions of the soft keys, and which functions appear on your home screen.
icons	> Personalize > Home Screen > Home Keys > Up, Down, Left, Right, Left Soft Key, or Right Soft Key
7	<b>Note:</b> The home key function can only be used when the FM radio is not activated.

#### feature

#### shortcuts

Create a shortcut to a menu item:

Highlight the menu item, then press and hold **1**.

When you see Assign MyMenu for: desired menu item, select YES. (Make a note of the Key number.) Then press Done.

Use a shortcut:

Press **1**, then press the shortcut number in the home screen.

#### feature

### power on/ off

To set the power on/off time and mode:

> Settings > Initial Setup > Power On/Off

You can set the time you want the phone to power on/off. The time you set indicates when the phone will automatically power on or off.

feature	
	<b>Note:</b> If your phone automatically switches on or off at a specific time, please check if this feature is turned on.
	<b>Note:</b> Enabling this feature will enable the phone to automatically power off and on at the times shown in the menu.
TTY Setup	To set up TTY information:    Settings > Initial Setup   Settings   Settings   Settings   Setup   Setu
	<b>Note:</b> This feature is not available in all regions.

feature		
headset	To switch the phone to auto answer when the headset is inserted:	
	<b>■</b> > Settings > Headset	
lantern	Settings > Initial Setup     Lantern	
	or	
7	■ > Office Tools > Lantern	
	This feature makes your LCM screen function as a flashlight. To deactivate it, press any button.	
master	To reset all options <b>except</b>	
reset	for user data to their factory settings:	
	> Settings > Initial Setup > Master Reset	

### feature

### master clear

To reset all options to their factory settings and clear all user entries (such as phonebook entries and events in the phone memory and sounds):

Settings > Initial Setup
Master Clear

Warning: This option erases all information you have entered (including phonebook entries) and content you have downloaded. Once you erase the information, it cannot be recovered. All options are reset back to their factory settings, except for the unlock code, and lifetime timer.

### feature

To clear all information, you need to enter the **Unlock Code** (1234).

### call times & costs

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

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

feature		
call times	Display call timers:	£3
	> Recent Calls > Call Times	(A)

feature		
in-call	Set the in-call timer:	(A)
timer	Setup > In-Call Timer	
call cost	Display call cost trackers:	Ã
	> Recent calls > Call Cost	
call cost setup	To edit call cost details:	
	<ul><li>Settings &gt; In-Call Setup</li><li>Call Cost Setup</li></ul>	

### network

feature		
network settings	Display network information and adjust network settings:	
	■ > Settings > Network	

### more features

feature		
calculator	Solution Solution Solution	
currency converter	<ul><li> Office Tools &gt; Calculator</li><li> Exchange Rate</li></ul>	
	Enter exchange rate, press <b>OK</b> .	
7 .	> Office Tools > Calculator, enter amount, and select the dollar sign to convert the currency.	
speaker- phone	Activate a connected external speakerphone during a call:	
	Press <b>SPKR ON</b> and <b>SPKR OFF</b> to turn the speakerphone on and off.	

### feature

### 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**.

**I** > Office Tools > 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.

# feature datebook Keep track of your appointments and tasks using an alarm. Solffice Tools > Datebook Note: Certain features may not be available in certain areas.

### feature

alarm clock Use the alarm clock function.

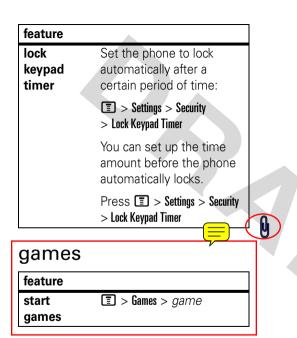
> Office Tools > Alarm Clock

Once an alarm is set, it may be disabled from the same menu. When the alarm goes off, the options 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 certain areas.

### security

feature		
SIM PIN	Turn on/turn off the SIM PIN:	
	Settings > Security SIM PIN	
7	<b>Caution:</b> If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays <b>PIN1 Blocked</b> .	
phone lock	Lock the phone immediately, or turn on/off the Automatic Lock.	
	<b>Security</b> > Phone Lock	
lock/unlock keypad	Press <b>■</b> then press <b>★</b> to lock/unlock the keypad.	



## troubleshooting

### check here first

If your phone does not seem to work properly, read this page first. If you still need help, see page 77.

### automatic power on/off

**Question:** My phone powers off automatically while in standby mode. What should I do when this happens?

**Answer:** This phone has an on/off feature that automatically turns the power on/off at specific times. To access this feature:

Find it: Press > Settings > Initial Setup > Power On/Off

**Note:** If your phone automatically switches on or off at a specific time, please check if this feature is turned on.

### changing the time on the clock

**Question:** The time on my phone is incorrect during normal use. How can I change it?

**Answer:** The time is reset whenever you remove the battery. This will cause the clock to display the incorrect time the next time you turn on the power.

Whenever you replace the battery and turn on the power, be sure to enter the correct time and date:

Find it: Press > Settings > Initial Setup > Time and Date

# storing phone numbers in phone memory

**Question:** How should I store phone numbers in the phone memory?

**Answer:** You can save phone numbers either in the SIM card or the phone memory. To do this:

Find it: Press > Phonebook > > New

### no incoming call ring tone

**Question:** Why don't I hear a ring tone for incoming calls or messages?

**Answer:** Check the volume setting by pressing •� right or left to adjust the volume

### no service

**Question:** Why does the phone display no service?

**Answer:** Each service provider operates at a certain frequency band. Call you service provider to find out their frequency band. Make sure the band selection setting on your phone matches that frequency band.

Find it: Press > Settings > Network > Band Selection

**Note:** Because this feature depends on your service provider's setting, you might not see this feature in your phone.

messages: "enter special code," "SIM locked - contact service provider," "subsidy password"

**Question:** What do these messages mean?

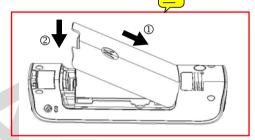
**Answer:** You might see this message if you have the wrong SIM card or if you have incorrectly entered your code five times. If you have the wrong SIM card, you may need to replace it.

If you incorrectly enter your code, you will need to enter it correctly. The number of times an incorrect code can be entered depends on your service provider.

Contact your service provider, if necessary.

### attaching the battery door

To attach the battery door, place it as shown in the figure below, then slide it up to lock it into place.



To prevent damage to the battery door, install only as described here.

### service & repairs

If you have questions or need assistance, we're here to help. Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-866-395-3710 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

## Specific Absorption Rate Data

# This model meets international guidelines for exposure to radio waves.

Your 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 mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.69 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. In this case, the highest tested SAR value is 0.36 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).

- 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

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# Motorola Limited Warranty for the United States and Canada

### What Does this Warranty Cover?

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

### Products and Accessories

<b>Products Covered</b>	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 <sup>TM</sup> covers and cases.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.	
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.	

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

### **Exclusions**

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

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

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

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

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

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

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

### Software

Products Covered	Length of Coverage
<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).	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 Assessed	or Assessmine and Calturare, places call the telephone	

For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.

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

### What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTARILITY 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 BELIABLE 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.

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