HELLOMOTO
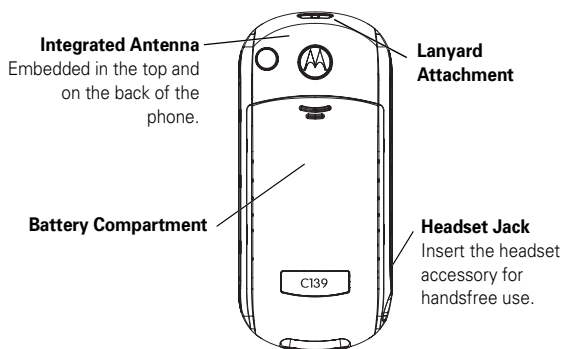
Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola C139 wireless phone.

Earpiece
Listen to your voice calls & messages.

Menu Key
Open a menu when you see ☰ in the display.

Right Soft Key
Performs functions identified by right display prompt.

Left Soft Key
Performs functions identified by left display prompt.

Power/End Key
Press and hold to turn the phone on/off. Press and release to end phone calls, exit menu system.

Send/Answer Key
Make and answer calls. Press when idle to see the list of recently dialed calls.

Navigation Key
Press ·Ò· up and down to scroll through lists, left and right to adjust volume.

Microphone

Power Connector Port
Port to insert the charger.

check it out!

Integrated Antenna
Embedded in the top and on the back of the phone.

Lanyard Attachment

Battery Compartment

Headset Jack
Insert the headset accessory for handsfree use.

C139

Your phone may not appear exactly as the phone image in this picture. However all key locations, sequences, and functions are the same.

www.motorola.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.

While Products specifications and features may be subject to change without notice, we are making every possible effort to ensure that user manuals are updated on a regular basis to reflect product functionality revisions. However, in the unlikely event that your manual version does not fully reflect the core functionality of your product, please let us know. You may also be able to access up-to-date versions of our manuals in the consumer section of our Motorola web site, at http://www.motorola.com.

feature locator

main menu

Messages
- New Message
- Voicemail
- Text Msgs
- Info Services
- Quick Notes
- Outbox
- Drafts

Phonebook

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

Games

MyMenu

Ring Styles
- Alert
- Loud Ring/Soft Ring/ Vibrate/Vibe then Ring/ Silent Details
- My Tones

Datebook

Settings
- Call Divert
- Phone Status
- In-Call Setup
- Security
- Other Settings

More
- Calculator
- Exchange Rate
- Stop Watch
- Lantern
- Fixed Dial
- Service Dial
- Wallpaper
- Screen Saver

Quick Dial

settings menu

Call Divert
- Voice Calls
- Cancel All
- Divert Status

Phone Status
- My Tel. Numbers
- Active Line
- Battery Meter

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

Security
- Phone Lock
- Lock Keypad
- Auto Key Lock
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords

Other Settings
- Personalise
- Initial Setup
- Network
- Headset

contents

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.[1]

Exposure To Radio Frequency (RF) Energy

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

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

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following instructions.

External Antenna Care

If your phone has an external antenna, use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and/or may result in non-compliance with local regulatory requirements in your country.

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

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline phone.

Body-Worn Operation: Voice Communication

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting voice communications, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines.

If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 2.5 centimeters (1 inch) from your body when transmitting.

Data Operation

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

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Note: 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.

Facilities

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

Aircraft

Turn off your wireless device whenever instructed to do so by airline staff. If your device offers a flight mode or similar feature, consult airline staff about use in flight. If your device offers a feature that automatically turns on the phone, then turn off this feature before boarding an airplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 centimeters (6 inches) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimeters (6 inches) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

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

When using your phone while driving, please:

- Give full attention to driving and to the road. Using a phone may be distracting in certain circumstances. 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 best practices can be found in the "Wireless Phone Safety Tips" at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Gas or Petrol Stations

Obey all posted signs with respect to the use of radio equipment in gas or petrol stations. Turn off your wireless device if instructed by authorized staff.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

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

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Damaged Products

If your phone 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 to determine if it has been damaged. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become hot. Take care 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 phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow.
🔥	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Your battery or phone should not be thrown in the trash.
⊖ Li Ion BATT ⊕	Your phone contains an internal lithium ion battery.

Choking Hazards

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

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person 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 doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

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. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

1. The information provided in this document supersedes the general safety information in user's guides published prior to January 28, 2005.

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with:

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

IMEI: 350034/40/394721/9

CE0168

Type: MC2-41H14

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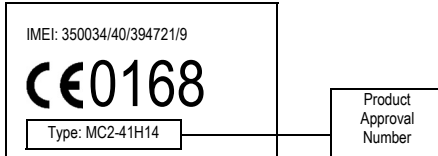
The above gives an example of a typical Product Approval Number.

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

Caring for the Environment by Recycling

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

Recycling Mobile Phones and Accessories

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

essentials

about this guide

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

Find it : Press ▤ > **Recent Calls** > **Dialled Calls**

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

Press ·Ọ· 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.
(🗐)	This means a feature requires an optional accessory.

SIM card

Your *Subscriber Identity Module* (SIM) card contains personal information such as your phone number and phonebook entries.
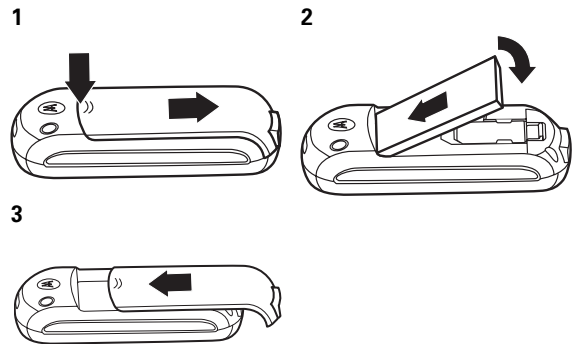
Caution: Do not bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.
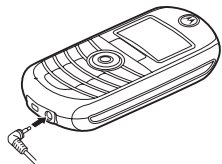
SIM card installation

1 **2**
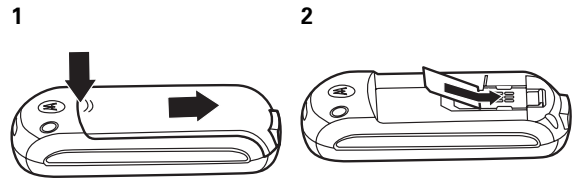
battery

battery installation

1 **2**

3

battery charging

New batteries are not fully charged. Plug the charger into your phone and an electrical outlet. Your phone displays **Charge complete** when finished.

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

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.

battery tips

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

- Always use Motorola Original™ batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.

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

 Contact your local recycling center for proper battery disposal.

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

Before using your phone, read the battery safety information in the "Safety and General Information" section included in the gray-edged pages at the back of this guide.

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** > **Other 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 **Cancel** on the time and date screen, the clock will only be slightly affected.

turn it on & off

To turn on your phone, press and hold ☎ for 2 seconds. If prompted, enter your 4-digit SIM card PIN code.
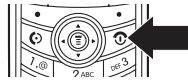
Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **PIN1 blocked**. Contact your service provider if your PIN is blocked.

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 a call, press ☎.

answer a call

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

To end a call, press ☎.

your phone number

To see your phone number:

Find it: Press 🔲 > **Settings** > **Phone Status** > **My Tel. Numbers**

To store or edit your name and phone number on your SIM card, press the **VIEW** key while displaying your phone number.

22   essentials

main attractions

zoom number display

Zoom number display is a smart function that lets you see the screen numbers more easily by altering 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

Press ·Ò· down to directly access the phonebook.

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 three 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.

To activate this feature:

Find it: Press ▤ > **More** > **Lantern**

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

Find it: Press ▤ > **Settings** > **Other 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 **Lantern** feature is active, you can deactivate the **Lantern** feature immediately. When you receive the notification:

1 Press any key.

2 Accept the incoming event.

The **Lantern** feature can be set as a shortcut via the main menu.

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

1 Press ▤ > **More** and highlight **Lantern**.

2 Press and hold ▤.

Then the **Lantern** feature will be in your **MyMenu**.

You can check if the **Lantern** feature is in **MyMenu** after you finish the set up.

Find it: Press ▤ > **MyMenu**

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 for the week or by the 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 ▤ > **Datebook**

viewing by the week

When you open the datebook, your phone displays a calendar for the week. Lines or filled boxes under each day indicate scheduled events.

viewing by the day

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

viewing by the event

Select an event in the day view and press **VIEW** 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 2 different ways.

Find it: Press ▤ > **Datebook** > *day* > **[New Entry]** or
▤ > **Datebook** > *day* > ▤ > **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.

1 Press **CHANGE** to select **Title:**.

2 Use the keypad keys to enter a title for the event.

3 Press **OK** to store the event title.

4 Press ·Ọ· up and down to scroll to other fields and enter information as necessary.

   Other fields let you enter **Start**, **Duration:**, **Date**, **Repeat:**, and **ALARM**.

5 Press **DONE** to store the new event and return to the day view.

add a new task

You can add a new task by doing the following:

Find it: Press ▤ > **Datebook** > *day* > ▤ > **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.

1 Press **CHANGE** to select **Summary:**.

2 Use the keypad keys to enter a summary for the task.

3 Press **OK** to store the task summary.

4 Press ·Ọ· up or down to scroll to other fields and enter information as necessary.

   Other fields let you enter **StartDate:**, **Deadline:**, **Priority:**, **Completed**, **Category:**, and **STATUS**.

5 Press **DONE** to store the new task and return to the day view.

changing event/task information

To change information about an existing event/task:

Find it: Press ▤ > **Datebook**

1 Press ·Ọ· left or right to scroll to the scheduled event/taks day.

2 Press **VIEW** to display the day view.

3 Press ·Ọ· 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.

6 Press ·Ọ· 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.

copying an event/task

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

Find it: Press ▤ > **Datebook**

1 Press ·Ọ· left or right to scroll to the scheduled event/task day.

2 Press **VIEW** to display the day view.

3 Press ·Ọ· up or down to scroll to the event/task to copy.

4 Presss ▤ to open the **Datebook Menu**.

5 Press ·Ọ· 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 ·Ọ· left or right to scroll to the day, month, and year.

10 Press **OK** to save the copy of the event/task.

11 Press ·Ọ· 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.

deleting an event

Find it: Press ▤ > **Datebook**

1 Press ·Ọ· left or right to scroll to the scheduled event day.

2 Press **VIEW** to display the day view.

3 Press ·Ọ· up or down to scroll to the event to delete.

4 Press ▤ to open the **Datebook Menu**.

5 Press ·Ọ· 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 ·Ò· up or down to scroll to **This Event Only** or **Repeat Events**. Press **SELECT** to select the event(s) to delete.

deleting a task

Find it: Press 🖹 > **Datebook**

1 Press ·Ò· left or right to scroll to the scheduled task day.

2 Press **VIEW** to display the day view.

3 Press ·Ò· up or down to scroll to the event to delete.

4 Press 🖹 to open the **Datebook Menu**.

5 Press ·Ò· up or down to scroll to **Delete**.

6 Press **SELECT** to select **Delete**.

7 A confirmation message will pop up. Choose **Yes** or **No** to confirm or cancel the delete.

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 from the one on this page, depending on your service provider.
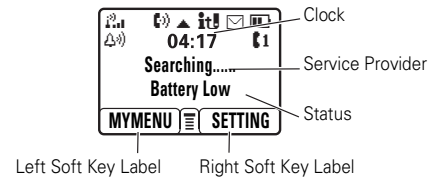
The *menu indicator* ☰ shows that you can press ▤ to open the menu. *Soft key* labels show the current soft key functions. For soft key locations, see page 1.

Press ·○· up, down, left, or right to scroll main functions. You may select to show or hide the icons on the home screen.

Status indicators display at the top of the home screen:
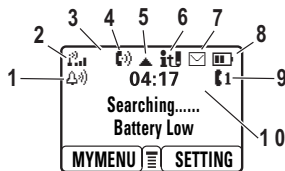
1 Ring Style Indicator – Shows the ring style setting.

   ♫⑩ = **Loud Ring**   ♪ ♫ = **Vibe then Ring**

   ♫» = **Soft Ring**   ♫ᶻ = **Silent**

   ⫶▯⫶ = **Vibrate**

2 Signal Strength Indicator – shows the strength of your phone's connection with the network.

3 Call Forward Indicator – shows when All Calls for Call Forward is activated.

4 In Use Indicator – indicates when a call is in progress.

5 Roam Indicator – appears when your phone uses another network system outside your home network.

6 Entry Method Indicator – appears when you select a specific kind of entry method:

   it⊍ = iTAP English   12 = numeric

   T⍾ = TAP method   @ = symbol

Note: The Entry Method Indicator will not be displayed in idle mode.

7 Message Indicator – appears when you have a new voice or text message:

   ☑ = text message   ☑» = voicemail 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.
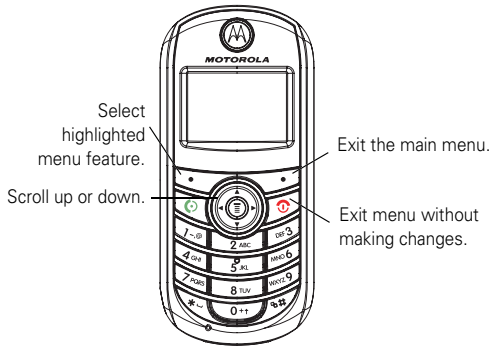
8 Battery Level Indicator – vertical bars show the amount of charge left in your battery. The more bars, the greater the charge.

9 LINE Indicator – indicates your phone is using Line 1 or Line 2.

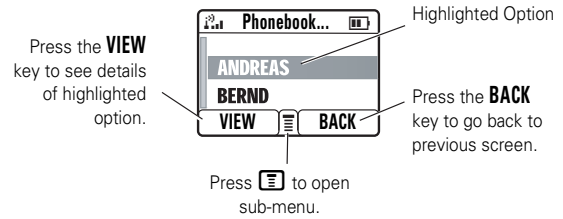**10 Headset Indicator –** displays when the headset is plugged into the phone.

menus

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

Select highlighted menu feature.

Exit the main menu.

Scroll up or down.

Exit menu without making changes.

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

menu features			
📧	Messages	◇	Ring Styles
📇	Phonebook	📅	Datebook
☎	Recent Calls	⚙	Settings
🎮	Games	✆	More
🔖	MyMenu	📞	Quick Dial

Some features require you to select an option from a list:

Press the **VIEW** key to see details of highlighted option.

Highlighted Option

Press the **BACK** key to go back to previous screen.

Press 🎛 to open sub-menu.

Scroll up or down to highlight the option you want.

text entry

Some features let you enter text.

Flashing cursor indicates insertion point.

Character counter

Press the **INSERT** key to insert a quick note.

Press the **CANCEL** key to exit without saving any changes.

Press 🎛 to open sub-menu.
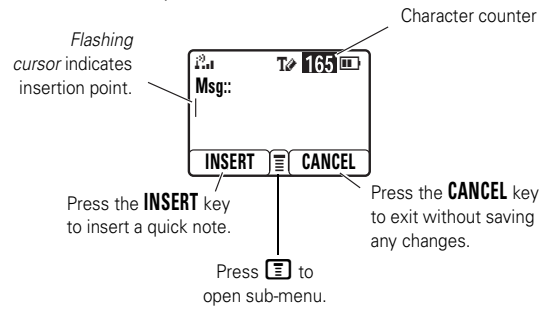
Press 🔢 in a text entry screen to select an entry mode:

entry mode
Tap
Includes **iTAP English**, **Tap Extended**, and **Tap English**.
Numeric
Enter numbers only.
Symbol
Enter symbols only.

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

Tip: You may change the text case to all uppercase characters or all lowercase characters by highlighting the letter and pressing 🔢.

iTAP™ 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.
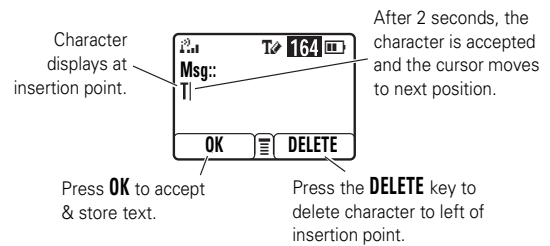
For example, if you press 🔢🔢🔢🔢 , your phone displays a list of suggestions for words such as **prog**, **proh**, and **spoi**.

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 🔢 once, the phone displays:

Character displays at insertion point.

After 2 seconds, the character is accepted and the cursor moves to next position.

Press **OK** to accept & store text.

Press the **DELETE** key to delete character to left of insertion point.

- If you want a different word (such as **Text**), continue pressing keypad keys to enter the remaining characters.
- If you don't want to save your text or text edits, press 🔘 to exit without saving.
- *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 the **SELECT** key.

volume

When you are in a call, press ·Ò· right to increase earpiece speaker volume, left to decrease it. When the phone display is idle, press ·Ò· right or left to increase or decrease the ringer volume.

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

navigation key

Press the *navigation key* ·Ò· up or down 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** or **Bar Password**.

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, PIN2 code, or bar password, contact your service provider.

lock & unlock phone

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

To **manually lock** your phone:

Press 🔲 > **Settings** > **Security** > **Phone Lock** > **Lock Now**.

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

Press 🔲 > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On**.

You can set up the time amount before the phone automatically lock.

The options are **Off**, **30 Seconds**, and **1 minute**.

Press 🔲 > **Settings** > **Security** > **Auto Key Lock**.

Note: You can make emergency calls on a locked phone (see page 51). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

check battery meter

To check your battery meter:

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

reading Nokia smart message with iMelody

Find it: Press 🔲 > **Messages** > **Text Msgs**

To open the Nokia Smart Message:

1 Press ·Ò· to scroll to the message.

2 Press **READ** to open the message.

   The phone asks **Play Ring Tone?**.

3 Press **YES** to play the iMelody. (iMelody will play only if the format is correct. A pop-up screen will notify you otherwise.) Press **No** to cancel the playing.

storing iMelody

You can store the iMelody.

1 Press **STORE** and the file name appears on the display.

2 Press **OK** 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 **Tone Details**. If the memory if full, replace old ring tones with the new one.

reading Nokia smart message with vCard

Find it: Press 🔲 > **Messages** > **Text Msgs**

To open the Nokia Smart Message:

1 Press ·Ò· 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. (vCard will be stored only if the format is correct. A pop-up screen will notify you otherwise.) Press **NO** if you don't want to store the vCard.

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

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 5 different alert profiles: **Loud Ring**, **Soft Ring**, **Vibrate**, **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 🖽 > **Ring Styles** > **Alert** > *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** > **Vibrate 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 in the list of available alerts.

creating a tone

Find it: Press 🖽 > **Ring Styles** > **My Tones**

1 Press ⋅φ⋅ 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 keypad keys to enter notes for the tone.
5 Press **OK** 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.

entering notes

To enter a note, press ⋅φ⋅ 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 ⓪ to insert a *, then enter the octave number.

Press ⓪ 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 ⋅φ⋅, or using the ✳ and #.

playing a note

Find it: Press 🖽 > **Ring Styles** > **My Tones**

1 Press ⋅φ⋅ up or down to scroll to the tone you want to play.
2 Press 🖽 to open **My Tones**.
3 Press ⋅φ⋅ up or down to scroll to **Play**.
4 Press **SELECT** to select **Play**.

   The phone displays the playback meter and plays the tone.

5 Press **Play** to play the tone again or press **CANCEL** to return to the my tones list.

editing a tone

Find it: Press 🖽 > **Ring Styles** > **My Tones**

1 Press ⋅φ⋅ up or down to scroll to the tone you want to edit.
2 Press **EDIT** to open the tone details.
3 Press ⋅φ⋅ 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 **OK** to store the details.

deleting a tone

You can delete a custom tone you created.

Find it: Press 🖽 > **Ring Styles** > **My Tones**

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

browsing my tones

Find it: Press 🖽 > **Ring Styles** > **My Tones**

1 Press ⋅φ⋅ up or down to scroll to a tone.
2 Press 🖽 to select functions such as **Rename**, **Delete**, and **Play**.

time & date

To set the time and date for your phone:

Find it: Press 🖽 > **Settings** > **Other Settings** > **Initial Setup** > **Time and Date**

wallpaper

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

Find it: Press ▣ > **More** > **Wallpaper**

screen saver

You can set a picture or clock as a screen saver image. The screen saver displays when no activity 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 ▣ > **More** > **Screen Saver**

display appearance

You can set the contrast of your phone display:

Find it: Press ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Contrast**

To set your phone to play an animation when you open the main menu:

Find it: Press ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Animation**

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** > **Other Settings** > **Initial Setup** > **Backlight**

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** > **Other 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 ⬚.

personal greetings

You can create personal greetings that display when you turn on the phone:

Find it: Press ▣ > **Settings** > **Other Settings** > **Personalise** > **Greeting**

calls

This chapter describes features related to making and answering calls.

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**

1   Highlight **Received Calls** or **Dialled Calls**, and press the **SELECT** key.

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

   • To call the number, press 🔘.

   • To see call details (such as time and date), press the **VIEW** key.

   • From the **Dialled Calls** list, press 🖹 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

1   Press 🔘 from the home screen to see the **Dialled Calls** list. Or press 🖹 > **Recent Calls** > **Received Calls**, **Dialled Calls**, or **Notepad**.

2   Highlight the entry you want to call, then press 🔘.

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

return a call

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

1   Press the **VIEW** key to see the **Received Calls** list.

2   Highlight the call you want to return and press 🔘.

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**

hold or mute a call

When you are on a call:

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

Press 🖹 > **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 🔘 to answer the new call.

   • To switch between calls, press the **SWITCH** key.

   • To connect the two calls, press the **LINK** key.

   • To end the call on hold, press 🖹 > **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 for an incoming call in your display.

Your phone shows the caller's name and picture when they're stored in your phonebook, or **Incoming Calls** 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** > **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 the emergency number at any time:

1 Press the keypad keys to dial the emergency number.

2 Press 🔘 to call the emergency number.

international calls

If your phone service includes international dialing, press and hold ⓪ to insert your local international access code (indicated by +). Then press the keypad keys to dial the country code, such as +④④ for the U.K., +③③ for France, and phone number.

1-touch dial

To call phonebook entries 2 through 9, press and hold the single-digit speed dial number for one second.

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

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

Note: To change 1-touch numbers, go to **Phonebook** > **Speed No.**.

Note: Some carriers' settings allow 1-touch to be set to 1-9 entries.

voicemail

You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network, not on your phone. Contact your service provider for more details.

To store your voicemail number in your phone:

Find it: Press 🔲 > **Messages** > **Voicemail** > 🔲 > **Voicemail Setup**

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

To listen to your voicemail message:

Find it: Press 🔲 > **Messages** > **Voicemail**

Your phone calls the voicemail phone number you stored.

If you do not have a voicemail number stored, the phone guides you through the process of storing a number.

other features

advanced calling

feature		
conference call	During a call: Dial the next number, press 🔘 and the **LINK** key.	🅐
attach a phone number	Attach a phone number to another: Press 🗐 > **Phonebook**, select a phone number, and press 🗐 > **Attach Number**, select a phone number from **Phonebook**, **Dialled Calls**, or **Received Calls**.	🅐
call forwarding	Set up or cancel call forwarding: 🗐 > **Settings** > **Call Divert**	🅐
call barring	Restrict outgoing or incoming calls: 🗐 > **Settings** > **Security** > **Call Barring**	🅐

feature		
change phone line	If you have a SIM card for dual phones, you can change your line to make and receive calls from your other phone number. 🗐 > **Settings** > **Phone Status** > **Active Line** The active line indicator shows the active phone line.	🅐
fixed dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list. Turn fixed dialing on or off: 🗐 > **Settings** > **Security** > **Fixed Dial** **Tip:** Enter your SIM PIN first and then you may turn on/off the feature. Use the fixed dial list: 🗐 > **More** > **Fixed Dial**	🅐
quick dial	Dial preprogrammed phone numbers: 🗐 > **Settings** > **Other Settings** > **Personalise** > **Quick Dial**	🅐
DTMF tones	Change DTMF tones: 🗐 > **Settings** > **Other Settings** > **Initial Setup** > **DTMF**	🅐

phonebook

feature	
add new entry	🗐 > **Phonebook** > **[New Entry]** > **Number:** or **No.:** **Shortcut:** Enter a phone number in the home screen, and press the **STORE** key to create an entry for that number. **Note:** Your phone's memory limit is 100 entries. The SIM card's memory limit depends on your carrier's SIM card type.
dial number	Call a number stored in the phonebook: 🗐 > **Phonebook**, highlight the phonebook entry, press 🔘. **Shortcut:** In the phonebook, press a keypad key 1 or more times to jump to entries that begin with letters on that key.
sort entry by	To sort the contacts by different modes: 🗐 > **Phonebook**, highlight the entry, press 🗐 > **Sort By**
search entry by	To search the contacts by **Find** or **Jump**: 🗐 > **Phonebook**, highlight the entry, press 🗐 > **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 🗐 > **Copy Entry**
copy multiple entries	Copy multiple phonebook entries between the phone and SIM card: 🗐 > **Phonebook,** highlight one entry, press 🗐 > **Copy Entries**, press the **CHANGE** key, enter the starting/ending speed no., press **OK**.
copy all phone entries to SIM card	To copy all phone entries to SIM card: 🗐 > **Phonebook**, highlight one entry, press 🗐 > **All to SIM**.
copy all SIM entries to phone	To copy all SIM entries to phone: 🗐 > **Phonebook**, highlight one entry, press 🗐 > **All to Phone**.
Phone/SIM capacity	To check memory capacity of your phone or SIM card: **Note:** Your phone's memory limit is 100 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 message	▣ > **Messages** > **New Message**	(A)
send a quick note	▣ > **Messages** > **Quick Notes**	(A)
read new message	Read a new text message: Press the **READ** key when the **New Message** notification displays.	(A)
read old messages	Reread your previously read messages. Press ▣ to perform various operations on a message. ▣ > **Messages** > **Text Msgs**	(A)
read sent messages	Sent messages are saved in the **Outbox**. ▣ > **Messages** > **Outbox**	(A)
edit old draft	Save the message that you are editing to the **Drafts** folder for later editing. ▣ > **Messages** > **Drafts**	
info services	Read messages from subscription-based information services: ▣ > **Messages** > **Info Services**	(A)

feature	
message memory meter	Check message memory meter: ▣ > **Messages** > ▣ > **Memory Meter**
text message setup	To set up text message information: ▣ > **Messages** > ▣ > **Text Msg Setup** > **Srvce Center No.:/ Reply Type:/ SMS Alert:**

personalizing

feature	
language	Set menu language: ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Language**
scroll	Set the highlight bar to stop or wrap around in the menu lists: ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Scroll**
ring volume	▣ > **Ring Styles** > *style* **Details** > **Ring Volume**
keypad volume	▣ > **Ring Styles** > *style* **Details** > **Key Volume**
main menu	Reorder the main menus on your phone: ▣ > **Settings** > **Other Settings** > **Personalise** > **Main Menu**
change soft keys	Change the functions for the soft keys on the home screen: ▣ > **Settings** > **Other Settings** > **Personalise** > **Keys**

feature	
shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold ▣. Use a shortcut: Press ▣, then press the shortcut number.
power on/off	To set the power on/off time and mode: ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Power on/off** You can set the time you want the phone to power on/off. The power on time means the phone will automatically power on when the clock reaches the set time. The power off time means the phone will automatically power off when the clock reaches the set time. **Note:** If your phone automatically switches on or off at a specific time, please check if this feature is turned on. **Note:** Enabling this feature will activate the phone to automatically power off and on at the times shown in the menu.
headset	To switch the phone to auto answer mode: ▣ > **Settings** > **Other Settings** > **Headset**

feature	
master reset	Reset all options **except** user data: ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Master Reset** To reset all options (except for user data) to their factory settings: **Warning:** This option **erases 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.
master clear	**Find it:** Press ▣ > **Settings** > **Other Settings** > **Initial Setup** > **Master Clear** 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: ≡ > **Recent Calls** > **Call Times**	🄰
in-call timer	Set the in-call timer: ≡ > **Settings** > **In-Call Setup** > **In-Call Timer**	🄰
call cost	Display call cost trackers: ≡ > **Recent Calls** > **Call Cost**	🄰
call cost setup	To edit call cost details: ≡ > **Settings** > **In-Call Setup** > **Call Cost Setup**	🄰

network

feature		
network settings	Display network information and adjust network settings: ≡ > **Settings** > **Other Settings** > **Network**	🄰

more features

feature	
calculator	≡ > **More** > **Calculator**

feature	
currency converter	≡ > **More** > **Exchange Rate** Enter exchange rate, press the **OK** key. ≡ > **More** > **Calculator**, enter amount, and select the dollar sign to convert the currency.
stop watch	≡ > **More** > **Stop Watch** Press the **Start** key 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 **SNAPSHOT** to record the time elapsed. Press ⟨Ô⟩ right or left to navigate through the recorded **SNAPSHOT** times.
datebook	Keep track of your appointments and tasks using an alarm. ≡ > **Datebook**

security

feature	
SIM PIN	Turn on/turn off the SIM PIN: ≡ > **Settings** > **Security** > **SIM PIN** **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **PIN1 blocked**.
phone lock	Lock the phone immediately, or turn on/off the **Automatic Lock**. ≡ > **Settings** > **Security** > **Phone Lock**
lock/unlock keypad	Press ≡ and press and hold ✳ to lock/unlock the keypad.
auto keylock	Set the phone to lock automatically after a certain period of time: ≡ > **Settings** > **Security** > **Auto Key Lock** You can set up the time amount before the phone automatically locks. Press ≡ > **Settings** > **Security** > **Auto Key Lock**

games

feature		
start games	≡ > **Games** > *game*	🄰

troubleshooting

check here first

If your phone does not seem to work properly, read this page first.

phone 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** > **Other 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** > **Other 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 on SIM card or in the phone memory. To save in SIM or phone memory:

Find it: Press ▥ > **Phonebook** > **[New Entry]**

using the send/end key on the headset

Question: When I use the headset with my phone, nothing happens when I press **Send/End** on the headset. Why?

Answer: This phone does not support the **Send/End** function on the headset.

no backlight on the display

Question: During phone operation, why don't I see a backlight on the display?

Answer: The **Backlight** may be set to **Off**. To view and/or change the backlight setting:

Find it: Press ▥ > **Settings** > **Other Settings** > **Initial Setup** > **Backlight**

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** > **Other Settings** > **Network** > **Band Selection**

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

attaching the battery door

To attach the battery door, slide it into the grove on the handset (arrow 1) and then gently push the door down (arrow 2) until it clicks to lock it in place.
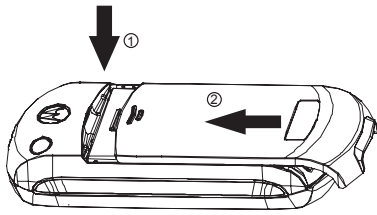
Specific Absorption Rate Data

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 0,97 W/kg.[1] As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.[2] In this case, the highest tested SAR value is 0,45 W/kg.[1]

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

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure

then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

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

1. The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

2. Please see the *Safety and General Information* section about body worn operation.

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