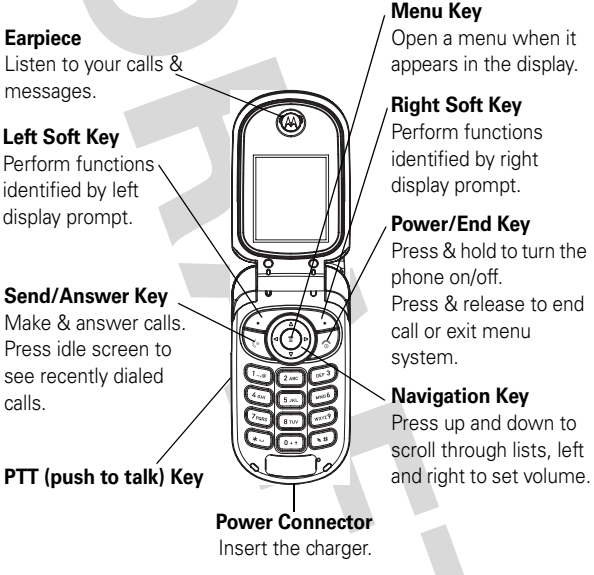
MOTOROLA
intelligence everywhere™

MOTOMANUAL

V177
GSM

HELLOMOTO

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V177 wireless phone.



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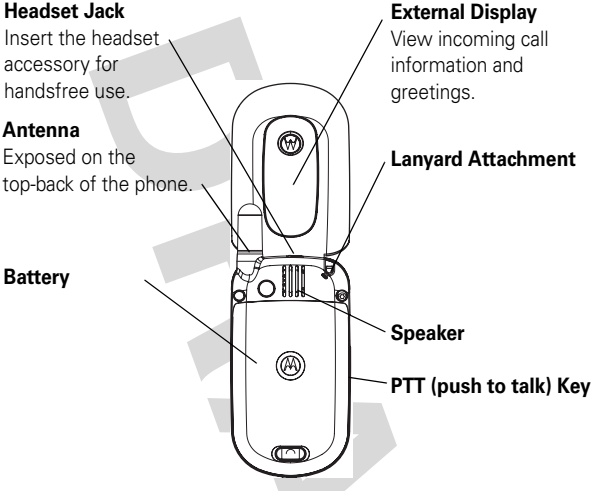
check it out!



Note: Your phone may not appear exactly as the phone image above.

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

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

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including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability, or contents of this guide.

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

Manual Number: 680XXXXAXX-O

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feature locator

main menu

Phonebook

Recent Calls
- Received calls
- Dialed Calls
- NotePad
- Call Times
- Call Costs

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

Office Tools
- Calculator
- MyMenu
- Alarm Clock
- Stop Watch
- Chat
- Dialing Services
- IM
- Operator Service

Games & Apps

Web Access
- Start Browser
- Web Shortcuts
- Go to URL
- Browser Settings
- Stored Pages
- History
- General Settings

Multimedia
- Pictures
- Sounds

Personalize
- Home Screen
- Main Menu
- Color Settings
- Greetings
- Wallpaper
- Screen Saver
- Quick Dial

Settings
- (see next page)

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settings menu

Ring Style
- Style
- Details

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

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

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Settings
- Backlight
- Scroll
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear
- TTY Setup

Phone Status
- My Numbers
- Active Line
- Battery Meter

Headset
- Auto Answer

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

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

PTT Settings
- PTT Service

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Safety and General Information

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

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

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 procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

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. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

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Phone Operation

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

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, 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 1 inch (2.5 centimeters) 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 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, 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.

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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

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) 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.

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Use While Driving

Check the laws and regulations on the use of wireless 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.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: `www.Motorola.com/callsmart`.

Operational Warnings

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.

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.

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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.

Batteries

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 quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery 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.

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symbol	definition
	This symbol on a Motorola product means the product should not be disposed of with household waste. **Disposing 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 electrical and electronic waste 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 Center in your region.
⊖ Li Ion BATT ⊕	Your phone contains an internal lithium ion battery.

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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.

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Repetitive Motion Injuries

When you play games on your phone, 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.

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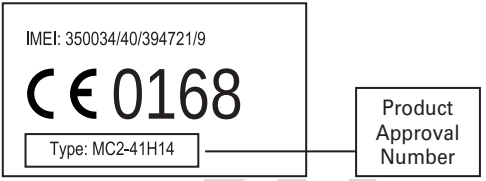
European Union Directives Conformance Statement

[France Only]

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

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



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

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

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essentials

about this guide

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

Find it: Press [menu] > **Recent Calls** > **Dialed Calls**

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

Press [menu] 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.

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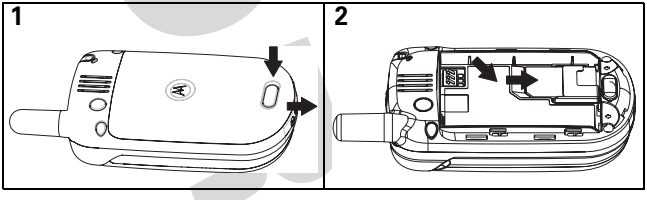
SIM card

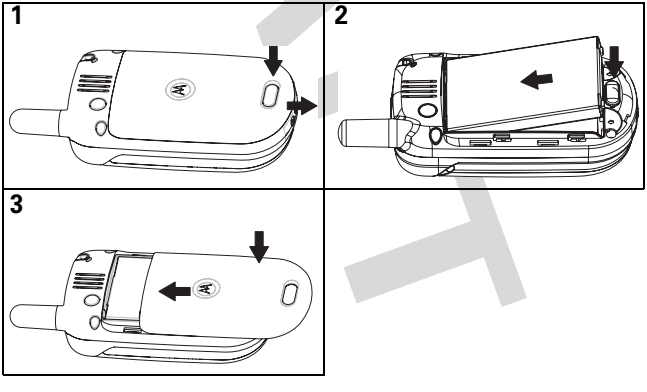
Your *Subscriber Identity Module* (SIM) card contains personal information such as your phone number and phonebook entries.

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



battery

battery installation



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battery charging

Before you can use your phone you need to completely charge the battery. New batteries are not fully charged.
Plug the travel charger into your phone and an electrical outlet. Your phone displays **Charge Complete** when finished.

Tip: You can not 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 longer 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.

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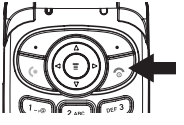
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Contact your local recycling center for proper battery disposal.

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

turn it on & off



To turn on your phone, press and hold for 2 seconds. If prompted, enter your 6-digit SIM card PIN code and/or your 4-digit 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. If prompted, enter your 4-digit unlock code.

make a call

Enter a phone number and press to make a call.

To end the call, close the flip or press .

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answer a call

When your phone rings and/or vibrates, just open the flip or press ⓪ to answer.

To end the call, close the flip or press ⓪.

your phone number

To see your phone number:

Find it: Press ☰ > **Settings** > **Phone Status** > **My Numbers**

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

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main attractions

multimedia messages

For more message features, see page 77.

send a multimedia message

A *Multimedia Messaging Service* (MMS) message contains pages with text and media objects (including pictures or sounds). You can send the multimedia message to other phones with MMS and to email addresses.

Find it: Press [≡] > **Messages** > **Create** > **MMS** or **MMS Templates**

Note: The MMS templates can't be downloaded or expanded. You can only use the default template.

1 Press keypad keys to enter text on the page (for details about text entry, see page 52).

   To insert a **picture, sound,** or **other object** on the page,

   press the **INSERT** key or [≡] > **Insert**. Select the object type and then the file.

   To insert another slide in the message, enter text or objects on the current page and press [≡] > **Insert** > **Add Slide**. You can enter more text and objects on the new page.

2 When you finish the message, press the **OK** key.

3 Choose one or more people to **Send To**:

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To select a **phonebook entry**, highlight the entry and press the **ADD** key. Repeat to add other phonebook entries.

To **enter** a new number, highlight **[One Time Entry]** and press the **SELECT** key.

To **enter and store** a new number, highlight **[New Entry]** and then press the **SELECT** key.

4 When you finish entering numbers/addresses, press the **DONE** key. Your phone displays the message fields.

To enter a **subject** for the message, highlight **Subject** and then press the **CHANGE** key.

To request a **delivery receipt** for the message, highlight **Receipt** and then press the **CHANGE** key. Then press the **SELECT** key.

5 To **send** the message, press the **SEND** key.

To **cancel or save** the message as a **Draft**, press [≡].

receive a multimedia message

When you receive a multimedia message or letter, your phone plays an alert and displays **New Message** with a message indicator such as ✉.

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

If a multimedia message contains media objects:

- Photos, pictures, and animations display as you read the message.
- A sound file plays when its slide bar displays.

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push to talk (PTT) calls

Push to Talk (PTT) is a feature that lets you talk walkietalkie style with other Push to Talk subscribers. You can have a One-to-One call with a contact, or a Group call with many people at the same time.

You can start a Push to Talk call by:

- Selecting a Push to Talk contact from your **PTT Contacts** list or by selecting a Push to Talk group from your **PTT Groups** list
- Selecting a Push to Talk contact from your **Dialed Calls** or **Received Calls** lists
- Dialing a Push to Talk subscriber's phone number using the keypad, then pressing the Push to Talk button (☰)

one-to-one calls

One-to-one calls are started between you and an individual contact.

group calls

Group calls (one to many) allows immediate connection to all members of a group of contacts.

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setting up your PTT contacts and groups lists

Individual contacts are stored in the **PTT Contacts** list. Groups are stored in the **PTT Groups** list. To set up your **PTT Contacts** and **PTT Groups** lists, contact your service provider.

viewing your PTT contacts and groups lists

1 From the home screen, press ⊜ to display the **PTT Contacts Menu**.

2 Press ·⊙· to highlight **PTT Contacts** or **PTT Groups**.

3 Press **SELECT** to open the highlighted list.

4 To exit the list, press **BACK**.

5 To view the other list, press ·⊙· to highlight it, then press **SELECT** to open it.

or

Press **EXIT** to exit the **PTT Contacts Menu**.

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Presence icons to the left of the entries in the **PTT Contacts** and **PTT Groups** lists indicate online or offline status (see page 27).

viewing your PTT contacts and groups lists details

Find it: Press ≡ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

The **PTT Contacts** detailed **VIEW** displays:

- presence icons
- name and numbers
- online alert settings
- blocked mode settings

The **PTT Groups** detailed **VIEW** displays:

- presence icons
- group name and numbers
- online alert settings

presence icons

Presence icons to the left of each entry in the **PTT Contacts** and **PTT Groups** lists indicate the status of the contact or group.

icon	status
	Contact is online.
	Group is online.
	Contact is offline.
	Group is offline.

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icon	status
	Contact is blocked (see page 65).
	An Online Alert has been set to notify you when a contact that is offline, comes back online (see page 65).

personalizing push to talk settings

"open to" sorting the PTT contacts and groups lists

You can sort your contacts and groups alphabetically by name (**Top of List**), or by the last call you received (**Last Call**).

Find it: Press ☰ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ☰ to open a list of options

3 Press ◎ to highlight **PTT Setup**

4 Press **SELECT** to open the **PTT Setup** menu

5 Press ◎ to highlight **PTT Personalize**

6 Press **SELECT** to open the **PTT Personalize** menu

7 Press ◎ to highlight **Open To**

8 Press **CHANGE** to display the options

9 Press ◎ to highlight **Top of List** or **Last Call**

10 Press **SELECT** to set the "open to" order

sorting your PTT contacts and groups lists

You can sort your contacts and groups alphabetically by **Name**, online **Status**, or **Frequency**.

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Find it: Press ⊜ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ☰ to open a list of options

3 Press ⊙ to highlight **PTT Setup**

4 Press **SELECT** to open the **PTT Setup** menu

5 Press ⊙ highlight **PTT Personalize**

6 Press **SELECT** to open the **PTT Personalize** menu

7 Press ⊙ highlight **Sort by**

8 Press **CHANGE** to display the options

9 Press ⊙ highlight **Name**, **Status**, or **Frequency**

10 Press **SELECT** to set the "sort by" order

setting the answer mode for incoming push to talk calls

Find it: Press ⊜ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ☰ to open a list of options

3 Press ⊙ to highlight **PTT Setup**

4 Press **SELECT** to open the **PTT Setup** menu

5 Press ⊙ to highlight **PTT Personalize**

6 Press **SELECT** to open the **PTT Personalize** menu

7 Press ⊙ to highlight **My Answer Mode**

8 Press **CHANGE** to display the options

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9 Press ◈ to highlight **Manual**, **Auto-Accept**, or **Do Not Disturb**

10 Press SELECT to set the answer option

The answer mode options are:

icon	status
Manual	You select to anser or ignore incoming Push to Talk calls.
Auto-Accept	Barge call tone is received, then phone automatically accepts the Push to Talk call.
Do Not Disturb	Your phone does not accept incoming Push to Talk calls. **Note:** When this option is set, your phone displays a Missed Call indicator when a Push to Talk call is sent to your phone.

setting the speakerphone for push to talk calls

You can set the speakerphone to **On** or **Off** for incoming and outgoing Push to Talk calls.

Find it: Press ☰ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ☰ to open a list of options

3 Press ◈ to highlight **PTT Setup**

4 Press **SELECT** to open the **PTT Setup** menu

5 Press ◈ highlight **PTT Personalize**

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6 Press **SELECT** to open the **PTT Personalize** menu

7 Press ⊹ highlight **PTT Speaker**

8 Press **CHANGE** to display the options

9 Press ⊹ highlight **On** or **Off**

10 Press **SELECT** to set the speakerphone mode

using the speakerphone during push to talk calls when set to off

When the speakerphone is set to **Off**, you can use it during a Push to Talk call by pressing ▷ or **Speaker**. When the call ends, the speakerphone remains **Off** until you set it to **On** in the **PTT Speaker** menu, or press ▷ or **Speaker**during a call.

setting online alerts

When a contact is offline, you can set a one-time alert to notify you when the contact is back online.

Find it: Press ≡ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ⊹ to highlight a contact or group

3 Press ☰ to open a list of options

4 Press ⊹ to highlight **PTT Setup**

5 Press **SELECT** to open a list of options

6 Press ⊹ highlight **Set Online Alert Tone**

7 Press **CHANGE** to display the options

8 Press ⊹ highlight **On** or **Off**

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9 Press **SELECT** to set the alert

refreshing the PTT contacts and groups lists

The presence status of your **PTT Contacts** and **PTT Groups** lists are automatically refreshed (updated) when you press ⊜ to make or end a call, and when a contact or group's status changes. However, you can perform a manual refresh of a contact or group.

manually refreshing an entry in your PTT contacts and groups

Find it: Press ⊜ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ⊹ to highlight a contact or group

3 Press ☰ to open a list of options

4 Press ⊹ to highlight **Refresh List**

5 Press **SELECT** to refresh the contact or group status

blocking PTT contacts

You can block a contact from sending Push to Talk calls to your phone.

Note: You cannot block a group from sending Push to Talk calls to your phone.

Find it: Press ⊜ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

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2 Press ⊙ to highlight a contact

3 Press ☰ to open a list of options

4 Press ⊙ to highlight **Block**

5 Press **SELECT** to block the contact

unblocking PTT contacts

To unblock a contact, highlight the contact, then press **UNBLOCK**.

accessing the frequently used list

PTT contacts and PTT groups that you call often from the **Received Calls** and **Dialed Calls** lists are automatically stored by the phone in the **Frequently Used** list.

Find it: Press ☰ > **PTT Contacts Menu** > **PTT Contacts** or **PTT Groups**

1 Press **SELECT** to open the list

2 Press ☰ to open a list of options

3 Press ⊙ to highlight **Frequently Used**

4 Press **SELECT** to open the list

Note: If the list is empty, **No Contacts** displays at the top of the screen.

push to talk alert tones

The following table describes the tones sent and received during Push to Talk calls.

Note: These tones cannot be customized.

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tone	sent or received
Online Alert	When a PTT contact or group status changes from offline to online
Connection to Speak	When floor control is available to all users on the call **Note:** When floor control is available, any user on the call can talk by pressing and holding the Push to Talk button (≡)
Alert	When you receive an Alert call
Announce Barge Call	Just before you receive or send a Barge call with announcement **Note:** Some Barge calls can be sent or received without annoucement.
Floor Unavailable	When the floor is requested but is already in use
Busy Tone	When you initiate a Push to Talk call with a contact who is already on a call

push to talk icons and text

Icons and text displays keep you informed of the status of your Push to Talk calls.

icon/text	displays
! Incoming Alert (name or number)	When you initiate an Alert call to a contact
Connecting to (name or number)	When a call to a contact is connecting

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icon/text	displays
Connected (name or number)	When a call to a contact is connected
Talking to (name or number)	When you are talking to a contact
Listening to (name or number)	When you are listening to a contact
Incoming (group or number)	When receiving a group call
Connecting to (group or number)	When a Barge call to a group is connecting
Connected (group or number)	When a group call is connected
Talking to (group or number)	When you are talking to a group
Listening to (group or number)	When you are listening to a member of a group **Note:** Only one member of a group can have the floor.

basic push to talk instructions

The following table describes basic actions during Push to Talk calls.

Note: The actions are not necessarily in the exact order of events.

- From the home screen, press and release ⊜ to display the **PTT Contacts Menu**.

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- Press ⊙ to scroll to **PTT Contacts** or **PTT Groups**.
- Press **SELECT** to open the highlighted list.
- Press ⊙ to select a contact or group to call.
- Press and hold ☰ to start a Barge with Announce call with a contact.
- Press and hold ☰ to start a Barge call with a group.
- Press and hold ☰, and wait for the Connection to Speak tone before talking.

  Important: Floor control is available to all user on a call. If you do not wait for the Connection to Speak tone before talking, part of your message may be lost.
- If no one talks (or ☰ is not pressed and held) for 20 seconds or more, the call disconnects.
- Release ☰ to make floor control available (the ability to talk on the call).
- Press **EXIT** to end the call.

making push to talk calls

When ▭ displays at the top of the home display, you can make and receive Push to Talk calls.

making barge calls from your PTT contacts and groups

- A Push to Talk call to a group is always started as a Barge call. The caller receives immediate floor control (ability to talk).

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1 From the home screen, press and release ⊜ to display the **PTT Contacts Menu**.

2 Press ⊙ to highlight **PTT Contacts** or **PTT Groups**.

3 Press **SELECT** to open the highlighted list.

4 Press ⊙ to highlight a contact or group.

5 Press and hold ⊜, and wait for the Connection to Speak tone to start the call with a group or contact.

6 After the Connection to Speak tone, continue to hold ⊜ to talk.

7 Release ⊜ to allow floor control to another user on the call.

8 Press **EXIT** or ⏻ to end the call.

making barge calls from your recent calls lists

1 From the home screen, press ☰.

2 Press ⊙ to highlight **Recent Calls**.

3 Press **SELECT** to open the menu.

4 Press ⊙ to highlight **Received Calls** or **Dialed Calls**.

5 Press **SELECT** to open the highlighted menu.

6 Press ⊙ to highlight a contact or group in the list.

7 Press and hold ⊜, and wait for the Connection to Speak tone to send the Barge call to a group or contact.

8 After the Connection to Speak tone, continue to hold ⊜ to talk.

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9 Release ⊜ to allow floor control to another user on the call.

10 Press **EXIT** or ⏻ to end the call.

making an alert call from your PTT contacts list

Alert calls cannot be sent to Groups, only to contacts. When an Alert call is started, the contact receives an Alert tone. The receiving contact can accept the call by pressing **ANSWER** or decline the call by pressing **IGNORE**.

1 From the home screen, press and release L to display the **PTT Contacts Menu**.

2 Press ⊹ to highlight **PTT Contacts**.

3 Press **SELECT** to open the contacts list.

4 Press ⊹ to highlight a contact.

5 Press **Alert** to send a call request to the contact. The contact receives an Alert tone and **Incoming Request** displays.

If the call request is accepted, the contact has floor control.

If the call is not accepted, Call Ended displays.

6 When floor control is received, press and hold ⊜ to talk.

7 Release ⊜ to allow floor control to the other user.

8 Press **EXIT** or ⏻ to end the call.

making alert calls from your recent calls lists

1 From the home screen, press ☰.

2 Press ⊹ to highlight **Recent Calls**.

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3 Press **SELECT** to open the menu.

4 Press ⊹ to highlight **Received Calls** or **Dialed Calls**.

5 Press **SELECT** to open the highlighted menu.

6 Press ⊹ to highlight a contact in the list.

7 Press **Alert** to send a call request to the contact. The contact receives an Alert tone, and **Incoming Request** displays.

If the call request is accepted, the contact has floor control.

If the call is not accepted, Call Ended displays.

8 When floor control is received, press and hold ⊜ to talk.

9 Release ⊜ to release floor control to another contact.

10 Press **EXIT** or ⏻ to end the call.

answering push to talk calls

answering a barge call

When you receive a Barge call, the Announce Barge Call tone sounds followed by conversion from the caller.

1 When floor control is released to you, press and hold ⊜, wait for the Connection to Speak tone, then talk.

2 Perform the basic procedure to talk and listen.

3 Press **EXIT** or ⏻ to end the call.

answering an alert call

1 After the Alert Tone, press **ANSWER** to answer the call, or **IGNORE** to cancel the call.

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2 Perform the basic procedure to talk and listen.

3 Press **EXIT** or ⏻ to end the call.

making a push to talk call from the external display.

Find it: Press ☰ > **Recent Calls**

1 Press ⊜.

2 Press the up or down volume key to display **PTT Contacts** or **PTT Groups**.

3 Press ⊜ to access the list.

4 Press the up or down volume key to display the contact or group.

5 Press ⊜ to start the call.

6 If the contact or group accepts the call, follow the basic procedures to talk and listen.

7 Press **EXIT** or ⏻ to end the call.

answering a push to talk call from the external display.

1 After the Alert Tone, press and release ⊜ to answer the call.

2 Press and hold ⊜, wait for the Connection to Speak tone, then talk.

3 Perform the basic procedure to talk and listen.

4 Press **EXIT** or ⏻ to end the call.

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Canceling an Incoming Push to Talk Call

- Press **IGNORE** or [⏻].

missed push to talk calls

When an Alert call is missed, Missed Call displays.

Note: Your phone does not notify you of missed Barge calls.

1 Press **View** to display the **Received Calls** list.

2 Press [◎] to scroll through the list and highlight the missed call.

3 Press [⏻] to return the call.

using instant messaging

Use *instant messaging* to exchange messages in real time with other wireless phone users. The messages you send display immediately on the other users' phones.

logging in to IM

Find it: Press [≡] > **Office Tools** > **IM** > **Log In**

1 Press keypad keys to enter your **IM ID**

2 Press **OK** to submit your **IM ID**

3 Press keypad keys to enter your **Password** (case-sensitive)

4 Press **OK** to submit your **Password**

Tip: To log in automatically next time, scroll to **Offline Settings** > **Auto Login** after you submit your password.

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5 Press ◇ to scroll to your **Contact List**

6 Press **SELECT** to view the **Contact List**

Your **Contact List** is sorted by online status:

- **Conversations** display first. These are online IM users having active conversations with you. Press **VIEW** to open your conversation with them.
- **Online Contacts** are logged in to IM. Press **SEND IM** to send the person a message. A (busy) indicator shows that someone is busy and unable to respond.
- **Offline Contacts** are logged out of IM. An (alert) indicator shows that you have set an alert for the person. You can press **SEND IM** to send a message, in case the person has logged in since you refreshed your list.

  Note: To refresh your Contact List, press M> Refresh List while viewing the list.

Sending and Receiving Instant Messages

When you log in to IM, you can exchange messages with other IM users.

1 Press ◇ to scroll to a name on the **Contact List**

2 Press **SEND IM** to start a conversation with the person or press **VIEW** to open a conversation in progress

3 Press keypad keys to enter message text

4 Press **SEND** to send the message

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Your phone displays the conversation history, where you can see the text you sent and the person's replies as they arrive. In the conversation display, you can:

- Press **BACK** to return to the **Contact List**, where you can open more conversations
- Press ⏻ to return to the home screen, without logging out of IM or closing the converstation

  Note: Your phone displays **New IM** if you receive a message while on the home screen or in another application.
- Press ☰ > **Contact Info** to view the screen name and online status of the person in this conversation
- Press ☰ > **Add Contact** to add the screen name to your Contact List
- Press ☰ > **End Conversation** to end the conversation

  Note: If you log out of IM, you can still view the conversation text by pressing ☰ > **IM** > **Offline Convs.** from the home screen. Turning off your phone erases the conversations.

setting your online status

When you log in to IM, your online status is visible to other IM users. To set your online status:

1 Press ◎ to scroll to **My Status**

2 Press **SELECT** to select the option

3 Press ◎ to scroll to **Available**, **Busy**, or **Invisible**

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4 Press **SELECT** to select the status setting

setting up IM

adding and removing contacts

To add a name, open your **Contact List** or a conversation and press [≡] > **Add Contact**. If you are not in a conversation, enter the new screen name and press **OK**. IM returns an error if it cannot verify the name on the server.

To remove a name from your **Contact List**, highlight the name and press [≡] > **Delete Contact**.

setting an alert for offline Contacts

To receive notification when someone logs in to IM, highlight the name in your **Contact List** and press [≡] > **Set Online Alert**.

setting your busy message

If you are logged in to IM but not responding to new messages, you can set the (busy) indicator to display next to your name in everyone else's **Contact List**. From the **IM Online** menu, select **My Status** > **Busy**.

To create or edit a busy message that is automatically sent to IM users attempting to contact you, select **Busy Message** from the **IM Online** menu.

Note: The **IM Online** menu displays when you log in, and when you press **BACK** from your **Contact List**.

setting your IM alert

IM can sound an alert when new messages arrive, or when a person for whom you have set an alert logs in to IM.

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To turn the IM alert on or off, select **Settings** > **Set Sounds** from the **IM Online** menu.

logging out of IM

Select **Log Out** from the **IM Online** menu.

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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 open basic menu features. You may select to show or hide home screen display icons.

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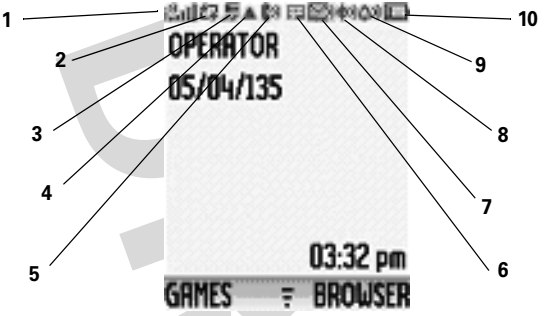
Find it: Press [menu] > **Personalise** > **Home Screen** > **Home Keys** > **Icons**

Status indicators can display at the top of the home screen:



1 **Signal Strength Indicator** – Vertical bars show the strength of the network connection. You can not make or receive calls when [icon] or [icon] displays.

2 **GPRS Indicator** – Shows when your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. GPRS allows faster data transfer speeds. Other indicators can include:

[icon] = GPRS PDP context active

[icon] = GPRS packet data available

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3 Data Indicator – Shows connection status.

= secure packet data transfer

= unsecure packet data transfer

= secure application connection

= unsecure application connection

= secure *Circuit Switch Data* (CSD) call

= unsecure CSD call

4 Roam Indicator – Shows when your phone is seeking or using a network outside of your home network. Indicators can include:

= 2G home

= 2G roam

= 2.5G home

= 2.5G roam

5 Active Line Indicator – Shows to indicate an active call, or to indicate when call forwarding is on. Indicators for dual phone lines (requires SIM card for 2 phone lines) can include:

= line 1 active

= line 2 active

= line 1 active, call forward on

= line 2 active, call forward on

6 Messaging Presence Indicator – Shows when Instant Messaging (IM) is active. Indicators can include:

= IM active

= available for IM

= busy

= invisible to IM

= available for phone calls

= offline

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7 Message Indicator – Shows when you receive a new message. Indicators can include:

= text message
= voicemail message
= voicemail & text message
= active chat session
= IM message
= IM message

8 Location Indicator – Shows when your phone can send location information or not .

9 Ring Style Indicator – Shows the ring style setting.

= loud ring
= vibrate then ring
= soft ring
= silent
= vibrate

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

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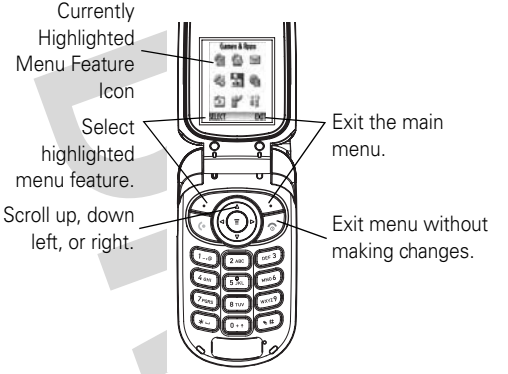
menus

From the home screen, press ☰ to enter the main menu.



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

menu features	
Phonebook	Web Access
Recent Calls	Multimedia
Messages	Personalize
Office Tools	Settings
Games & Apps	

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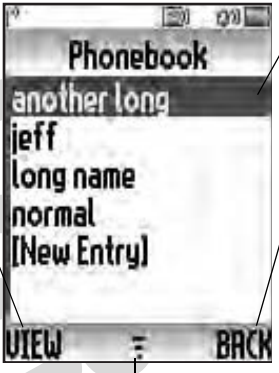
Some features require you to select an option from a list:



Highlighted Option

Press the **VIEW** key to see details of 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.
- In a numbered list, press a number key to enter into an option.
- In an alphabetized list, press a key repeatedly to cycle through its letters and highlight the closest matching list option.
- When an option has a list of possible settings, scroll left or right to select the setting.
- When an option has a list of possible numeric values, press a number key to set the value.

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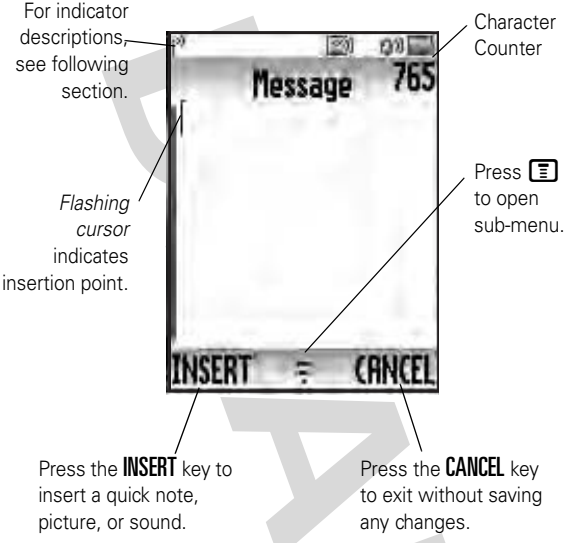
text entry

Some features let you enter text.



choosing 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 unti you select another method.

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

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Primary	The primary text entry method (see below to set)
Numeric	Enter numbers only (see page 44).
Symbol	Enter symbols only (see page 44).
Secondary	The secondary text entry method (see below to set).
Floor Unavailable	When the floor is requested but is already in use
Busy Tone	When you initiate a Push to Talk call with a contact who is already on a call

Alternatively, you can select a text entry method in any text entry screen by pressing [≡] > **Entry Mode**.

setting up a text entry method

Press [≡] > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

iTAP	Let the phone predict each word as you press keys (see page 42).
Tap	Enter letters and numbers by pressing a key one or more times.
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.
None	Hide the **Secondary** setting (only available for **Secondary Setup**).

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using capitalization

Press 0 in any text entry screen to change text case. The following indicators show capitalization status:

abc = no capital letters
Abc = capitalize next letter only
ABC = all capital letters

text entry method indicators

When you select the Primary or Secondary text entry method, the following indicators identify the text entry setting:

entry mode		
Primary	Secondary	
1	2	Tap, no capital letters
1⇧	2⇧	Tap, capitalize next letter only
1⬆	2⬆	Tap, all capital letters
1	2	iTAP, no capital letters
1⇧	2⇧	iTAP, capitalize next letter only
1⬆	2⬆	iTAP, all capital letters

The following indicators identify Stroke, Pinyin, or ZhuYin entry method:

= Stroke
ài = Pinyin
= ZhuYin

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iTAP® mode

Press # in a text entry screen to switch to iTAP mode. If you don't see abc or ABC, press [≡] > **Entry Setup** to set iTAP mode as your primary or secondary text entry 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 7 7 6 4, your phone displays:

Press **OK** key to enter "prog".

Press the **DELETE** key to delete last letter.

- If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.
- Press [1] to enter punctuation or other characters.

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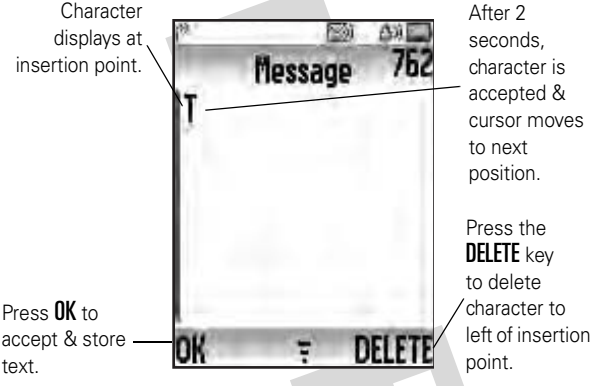
tap mode

Press [#] in a text entry screen to switch to tap mode. If you do not see **1** or **2**, press [≡] > **Entry Setup** to set tap mode as your primary or secondary text entry 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] one time, your phone displays:



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When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** your phone might display:

Press [≡] right to locate "program" and press the **OK** key to insert the word or press [*] to add a space.

- The first character of every sentence is capitalized. If necessary, press [≡] to change the character to lowercase before the cursor moves to the next position.
- Press [≡] to move the flashing cursor to enter or edit message text.
- 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.

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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.

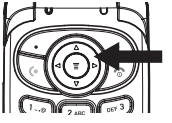
volume

You can adjust the earpiece speaker volume while you are talking by pressing right/up to increase the volume or left/down to decrease the volume.

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

navigation key

Press the *Navigation Key* up, down, left, or right to scroll and highlight options.



external display

When your phone is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 46.

handsfree speaker

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

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During a call, press the **H.FREE** key to turn the handsfree speaker on or off. Your phone displays **Spkrphone On** until you turn it off or end the call.

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

codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. The 6-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it: Press [≡] > **Settings** > **Security** > **New Passwords**

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

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering 1234 or the last four digits of your phone number. If that does not work, press [≡] and enter your 6-digit security code instead.

If you forget your security code: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. 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**.

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

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

Note: You can make emergency calls on a locked phone (see page 68). 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.**

fold back the phone

Whenever you fold back your cell phone, all the ongoing operations will be canceled and the screen displays the original entrance screen content.

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customize

ring style

Your phone rings and/or vibrates to notify you of an incoming call, message, or other events. This ring and/or vibration is called an alert. You can select one of six different alert profiles: **Loud Ring**, **Soft Ring**, **Vibrate**, **Vibrate & Ring**, **Vibrate then Ring**, and **Silent**.

= **Loud**
= **Soft**
= **Vibe then Ring**
= **Vibrate**
= **Silent**

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

Find it: Press [menu] > **Settings** > **Ring Style** > **Style** > *style name*

Change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: Press [menu] > **Settings** > **Ring Styles** > **Details** > *desired event* > **Change** > *alert for event*

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time & date

To set the time and date for your phone:

Find it: Press [≡] > **Settings** > **Initial Setup** > **Time and Date**

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

wallpaper

You can set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Find it: Press [≡] > **Personalize** > **Wallpaper**

option	
Set Layout	Select **Center** to center the image in the display, **Tile** to repeat the image across the display.
Picture	Select an image for your wallpaper image.

screen saver

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

Tip: This feature helps save your screen but does drain battery. To extend battery life, turn off the screen saver.

Find it: Press [≡] > **Personalize** > **Screen Saver**

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display appearance

To choose the **colors** that your phone uses for indicators, highlights, and soft key labels: Press [menu] > **Personalize** > **Color Style**.

To set your display **contrast**:
Press [menu] > **Settings** > **Initial Setup** > **Contrast**.

To set your display **Color** setting:
Press [menu] > **Personalize** > **Color Setting**.

To save battery life, the **display** can be turned off when you are not using your phone. The display turns back on when you open the flip or press any key. To set how long your phone waits before the display turns off:

Find it: Press [menu] > **Settings** > **Initial Setup** > **Backlight**.

answer options

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

Find it: Press [menu] > **Settings** > **In Call Setup** > **Answer Options**

option	
Multi-key On	Answer by pressing any key.
Multi-key Off	Answer by pressing [phone].
Open to Answer	Answer by opening the flip.

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personal greetings

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

Find it: Press [≡] > **Personalize** > **Greeting**

optional handsfree use setup

A phone headset enables you to use your phone without using your hands.

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

Find it: Press [≡] > **Settings** > **Headset** > **Auto Answer** > *desired mode*

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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 did not connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press [phone] from the home screen to see the dialed calls list.

Find it: Press [menu] > **Recent Calls**

1 Highlight **Received Calls** or **Dialed Calls**, then press the **SELECT** key.

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

- To call the number, press [phone].
- To see call details (like time and date), press the **VIEW** key.
- To see the **Dialed Calls list**, press [menu]. This menu can include:

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.

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option	
Hide ID	Hide your caller ID for the next call.
Show ID	Show 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 [phone] from the home screen to see the Dialed Calls list. Or press [menu] > **Recent calls** > **Received Calls**, **Dialed Calls**, or **NotePad**.

2 Highlight the entry you want to call, then press [phone].

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

return a call

Your phone keeps a record of your unanswered calls and displays **X Missed Calls**, 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, then press [phone].

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

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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 using your phone, you will 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**

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caller ID

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

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

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

Find it: Press [menu] > **Settings** > **In-Call Setup** > **My Caller ID**

emergency calls

Your service provider programs one or more emergency phone numbers (such as 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 even when your phone is locked, when you are prompted to enter a code or password.

Note: Emergency numbers vary by country. The preprogrammed emergency number(s) in your phone 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 [call] to call the emergency number.

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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, etc. and phone number.

1-Touch Dial

To call phonebook entries 1 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 phone's memory phonebook, your SIM card's phonebook, or your **Fixed Dial** list:

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

You can call phonebook entries 1 through 9 with the push of a single key. The first nine numbers from the SIM card would be put in the 1-Touch Dial locations of 1 through 9.

Press and hold the 1-Touch Dial number for 1 second.

Note: To change 1-Touch Dial numbers, go to **Phonebook** to change the **Speed No**.

Find it: Press ☰ > **Phonebook,** highlight a phone entry, then ☰ > **Edit** > **Speed No.**

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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 Message** notification message and a new voicemail indicator on the status pane. (Some networks only indicate when messages are in your mailbox, not whether or not they are new.) If users delete all voicemail messages, the voicemail indicator will disappear.

To listen to your voicemail messages:

Find it: Press [≡] > **Messages** > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you do not know your voicemail number, contact your service provider.

inserting special characters into dialing sequences

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

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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 and hold [#]. When **p** appears, press it to add a pause. Or, if you are adding a wait, do not press **p**. The **w** will eventually appear and, when it does, press it to add a wait.

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other features

advanced calling

feature	
conference call	After your first participant is connected, dial the next number, press [ ] and then press the **LINK** key.
attach a phone number	Dial an area code or prefix for a phonebook number, then press: [ ] > **Attach Number**
speed dial	Speed dial a phonebook entry: Enter speed dial number, press [#] and then [ ]. **Tip:** If you forget the speed dial number for a phonebook entry, press [ ] > **Phonebook**, highlight the desired entry, and then press the **VIEW** key.
call forwarding	Set up or cancel call forwarding: [ ] > **Settings** > **Call Forward**
call barring	Restrict outgoing or incoming calls: [ ] > **Settings** > **Security** > **Call Barring**

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feature	
change phone line	If you have a SIM card for dual phone lines, you can change your line to make and receive calls from your other phone number. > **Settings** > **Phone Status** > **Active line** The active line indicator shows which phone line is active (see page 48).
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** Use the fixed dial list: > **Office Tools** > **Dialing Services** > **Fixed Dial**
quick dial	Dial preprogrammed phone numbers: > **Office Tools** > **Dialing Services** > **Quick Dial**
DTMF tones	Activate DTMF tones: > **Settings** > **Initial Setup** > **DTMF** Send DTMF tones during a call: Press number keys. Send stored numbers as DTMF tones during a call.

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phonebook

feature	
add new entry	If you store your entry onto the SIM card, the phone number is together with SIM card. If you use a different SIM card you will see the same phone entry on the phone. If you store your entry onto the phone, the phone number is together with the phone. If you put the same SIM card into a different phone, you won't find the phone entry. [≡] > **Phonebook** > [≡] > **New** > **Number** > **Store to** **Shortcut:** Enter a phone number in the home screen, then press the **STORE** key to create an entry for that number. **Tip:** Some people have more than one phone number. When creating a phonebook entry, select More to store another number for the same **Name**. **Note:** Phone's memory is 100 entries. The SIM capacity depends on the carrier's SIM card type, but at most 255 entries.

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feature	
download ringtones	You can try this function by sending from one handset to another one: [≡] > **Messages** > **Create** > **SMS/EMS** or **MMS** or **MMS Templates** > **Insert** > **Sound** The ringtone download is through EMS or MMS. When you receive the EMS and MMS from another party, you can retrieve the ring tone from EMS or MMS message. You can also send the ring tone by sending EMS or MMS.
dial number	Call a number stored in the phonebook: [≡] > **Phonebook**, highlight the phonebook entry, press [✆]. **Shortcut:** In the phonebook, press a keypad key one or more times to jump to entries that begin with the letters on that key.
set category for entry	[≡] > **Phonebook** > entry [≡] > **Category** You can classify an entry into the following categories: **All**, **Business**, **Personal**, **General**, **VIPs**, or a category you create.
set category view	[≡] > **Phonebook** > entry [≡] > **Category** You can view **All** entries or those in the predefined category such as **Business**, **Personal**, **General**, **VIPs**, or a category you create.

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feature	
search phonebook entry	You can search the phone entry by entering the prefix. If input "D", the index will jump to the entries which start from D (e.g. Dxx). Then you can input another letter, "M", then the index will jump to the entries which start from DM. You can input up to three letters simultaneously. ☰ > **Phonebook**
sort phonebook list	Set the order in which entries are listed: ☰ > **Phonebook** > ☰ > **Setup** > **Sorting** > sort order
copy phonebook entry	Copy a phonebook entry to the SIM card, or from the SIM card to the phone: ☰ > **Phonebook**, highlight the entry, press ☰ > **Copy** > **Entries** > **To**
copy multiple entries	Copy multiple phonebook entries between the phone and SIM card: ☰ > **Phonebook**, highlight one entry, press ☰ > **Copy** > **Entries**, press the **CHANGE** key, highlight another entry, press the **ADD** key. Repeat as necessary, press the **DONE** key, > **To.**

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messages

For basic multimedia message features, see page 23.

feature	
send text message	> Messages > Create > SMS/EMS
send multimedia message	> Messages > Create > MMS
send a quick note	> Messages > Quick Notes
send a multimedia template	Open a multimedia template with preloaded media: > Messages > Create > MMS Templates
read new message	Read a new text or multimedia message: Press the READ key when the New Message notification displays.
read old messages	Read old messages that people sent to you. > Messages > Inbox Press to perform various operations on a message.

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feature	
read sent messages	Read messages that you sent. > **Messages** > **Outbox** Sent messages are saved in the **Outbox**.
edit old draft	Save the message that you are editing to the **Draft** box for later editing. > **Messages** > **Draft**
browser messages	Read messages received by your browser: > **Messages** > **Browser Msgs**
info services	Read messages from subscription-based services: > **Messages** > **Info Services**
sending and receiving vCard	You can send the vCard by sending MMS with attachment (vCard is the attachment). You also can receive vCard from anyother party throu MMS with attachment. You can save the received vCard by open MMS with vCard attachment. This function can be sent from one handset to another. > **Messages** > **Create** > **MMS** or **MMS Templates** > **Insert** > **vCard**

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instant messaging

For detail information, please refer to page 41.

feature		
log in	> Office Tools > IM > Log In	
find others online	After you log in: Select Contact List to see a list of other users.	
start conversation	From your Contact List, highlight a name in Online Contacts, press the SEND IM key.	
open active conversation	From your Contact List, highlight a name in Conversation, press the VIEW key.	
end conversation	From the conversation display: > End conversation	
log out	Select Log Out from the IM Online menu.	

chat

feature		
start chat	> Office Tools > Chat > New Chat	
receive chat request	Press the ACCEPT key or the IGNORE key.	
end chat	During a chat session: > End Chat	

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personalizing

feature	
language	Set 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 volume	☰ > **Settings** > **Ring Styles** > style **Detail** > **Ring Volume**
keypad volume	☰ > **Settings** > **Ring Styles** > style **Detail** > **Key Volume**
clock view	Display an analog or digital clock in the home screen: ☰ > **Personalize** > **Home Screen** > **Clock Set**
menu view	Display the main menu as graphic icons or as a text-based list: ☰ > **Personalize** > **Main Menu** > **View**
main menu	Reorder items in your phone's main menu: ☰ > **Personalize** > **Main Menu** > **Reorder**
show/hide menu icons	Show or hide menu feature icons in the home screen: ☰ > **Personalize** > **Home Screen** > **Home keys** > **Icons**
change home keys	Change the functions for the soft keys and navigation key in the home screen: ☰ > **Personalize** > **Home Screen** > **Home keys**

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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.
master reset	Reset all options **except** unlock code, security code, and lifetime timer: [≡] > Settings > Initial Setup > Master Reset
master clear	To reset all options to their factory settings and clear all user entries (such as downloaded wallpapers, main menu animation, and sounds): **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, security code, and lifetime timer. **Find it:** [≡] > Settings > Initial Setup > Master Clear To clear all information, you need to enter the Security Code (000000).

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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 that you track on your resettable timer may not equal the amount of time 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	Display time or cost information during a call: ☰ > Settings > In Call Setup > In-Call Timer	
call cost	Display call cost trackers: ☰ > Recent calls > Call Cost	
call cost setup	Set a credit limit: ☰ > Settings > In Call Setup > Call Cost Setup	

handsfree operation

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

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feature		
speakerphone	Activate a connected external speakerphone during a call: Press the **H.FREE** key	
auto answer	Automatically answer calls when connected to a car kit or headset: > **Settings** > **Headset** > **Auto Answer**	

network

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

personal organizer

feature	
set alarm	> **Office Tools** > **Alarm Clock**
turn off alarm	When an alarm displays: To turn off the alarm, press the **DISABLE** key. To set the alarm to ring later, press the **SNOOZE** key.
calculator	> **Office Tools** > **Calculator**

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feature	
currency converter	[≡] > Office Tools > Calculator [≡] > Exchange Rate Enter exchange rate, press the OK key, enter amount, and select [≡] > Convert Currency.
stop watch	[≡] > Office Tools > Stop Watch Press the START key to start counting the time, the STOP key to stop counting the time, and press RESET to reset the stopwatch. **Note:** After Stop Watch is activated, you may press SNAPSHOT to store an elapsed time for later use. After stopping the Stop Watch, press the Right or Left keys to navigate through the SNAPSHOT time 1, 2, 3, and further.

security

feature	
SIM PIN	Lock or unlock the SIM card: [≡] > 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 SIM Blocked.
phone lock	[≡] > Settings > Security > Phone Lock Select to lock the phone right now or enable/disable the Automatic Lock.

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fun & games

feature	
manage pictures	Manage pictures and animations: > **Multimedia** > **Pictures**
manage sounds	Manage ring tones and music that you have downloaded or composed: > **Multimedia** > **Sounds**
start browser	> **Web Access** > **Start Browser**
start games	> **Games & Apps** > *game*

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service and repairs

check here first

If your phone does not seem to work properly, look here first. If you still need help, see "service and repairs" on page 88.

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 automatic power on/off feature that automatically turns on/off the phone's power at specific times. To access this feature:

changing the time on the phone's clock

Question: My phone's clock is incorrect during normal use. How can I change it?

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

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

Find it: Press [menu] > **Settings** > **Other Settings** > **Initial Setup** > **Time and Date**

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storing phone numbers in phone memory

Question: Why can't I store phone numbers in phone memory?

Answer: Storing phone numbers in phone memory is not a feature of this phone. You can store phone numbers only on your SIM card.

using the Send/End key on the headset

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

Answer: The phone does not support the **Send/End** key 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 [menu] > **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: The volume may be set to level 0 (silent). Check volume setting by pressing [navigation] to scroll left or right.

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screen saver does not appear

Question: Why doesn't the screen saver appear after it has been set?

Answer: If **Battery Save** is set to **On**, the screen saver does not appear and the backlight turns off by default after 5 seconds, regardless of the settings. To check the **Battery Save** setting:

Find it: Press [menu] > **Settings** > **Other Settings** > **Initial Setup** > **Battery Save**

no service

Question: When I turn on my phone for the first time, or when I turn it on while traveling to another country, my phone displays **No Service**. Why?

Answer: Each operator has its own operation frequency band. Make sure your phone's band selection setting matches the operator's frequency band:

Find it: Press [menu] > **Settings** > **Other Settings** > **Network** > **Battery Selection**

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

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Specific Absorption Rate Data

The 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

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 **1.17**

described in this user guide, is **0.39** W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

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

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

`http://www.phonefacts.net`

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

`http://www.cwta.ca`

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

motorola.com