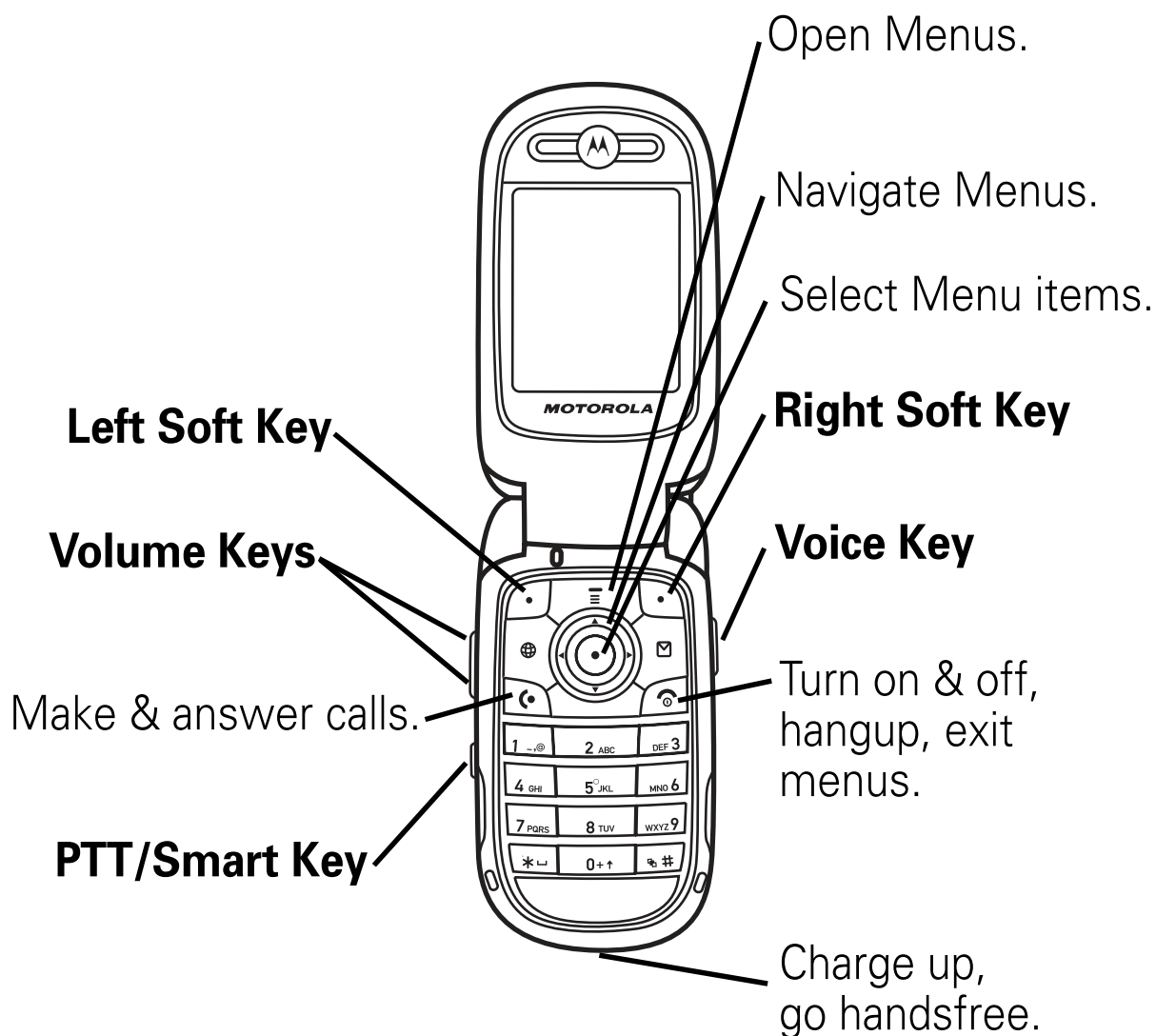


HELLOMOTO

Introducing your new Motorola V235 GSM wireless phone. Here is a quick anatomy lesson.



For Push to talk (PTT) details, see page 52.

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



Phonebook



Recent Calls

- Received Calls
- Dialed Calls
- Notepad
- Call Times*
- Call Cost*
- Data Times*
- Data Volumes*



Messages

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



Tools

- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Dialling services



Games & Apps



WebAccess

- Browser
- Web Shortcuts
- Stored Pages
- History
- Go to URL
- Browser Setup
- Web Sessions



Multimedia

- Pictures
- Sounds
- Camera
- Video Camera
- Videos



Voice Records**



Settings

- (see next page)

* optional features

** This feature may appear under the  **Tools** menu, depending on your carrier.

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

settings menu



Personalise

- Home screen
- Main Menu
- Colour Style
- Greeting
- Wallpaper
- Screen Saver



Ring Styles

- Style
- Style Detail



Connection

- Sync



Call Forward *

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



In-Call Setup

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



Initial Setup

- Time and Date
- 1-Touch Dial
- Auto Redial*
- Display Timeout*
- Backlight
- Scroll
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear



Phone Status

- My Tel. Numbers
- Active Line*
- Battery Meter
- Software Update
- Other Information



Headset

- Auto Answer
- Voice Dial



Car Settings

- Auto Answer
- Auto Handsfree



Network

- New Network
- Network Setup
- Available Networks
- My Network List*
- Service Tone*
- Network Jingle *
- Call Drop Tone



Security

- Phone Lock
- Lock PTT Key*
- Lock Application
- Fixed Dial
- Restrict Calls*
- Call Barring*
- SIM PIN*
- New Passwords
- Certificate Mgmt*



Java Settings

- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Backlight



PTT Settings*

- PTT Service

* optional features

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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. Unauthorised 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 centimetres (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 centimetres (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 aeroplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimetres (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 minimise 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 doctor 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 authorised 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 fuelling 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

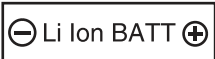
If your phone or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorised Service Centre to determine if it has been damaged. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewellery, 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.
	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.

Glass parts

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

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 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.

Caution About High Volume Usage



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

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.

Use and Care

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



liquids of any kind

Do not expose your phone to water, rain, extreme humidity, sweat, or other moisture.



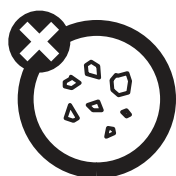
extreme heat or cold

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



microwaves

Do not try to dry your phone in a microwave oven.



dust and dirt

Do not expose your phone to dust, dirt, sand, food, or other inappropriate materials.



cleaning solutions

To clean your phone, use only a dry soft cloth. Do not use alcohol or other cleaning solutions.



the ground

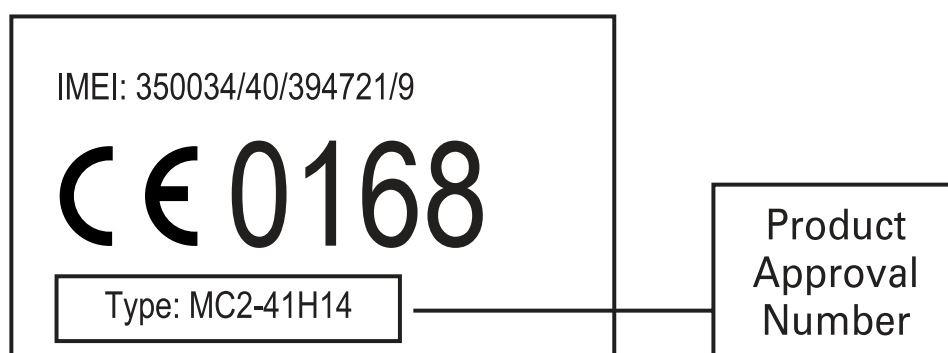
Do not drop your phone.

European Union Directives Conformance Statement



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

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



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 of 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  to scroll to and highlight a menu feature. Press the **Select** key to select the highlighted menu feature.

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

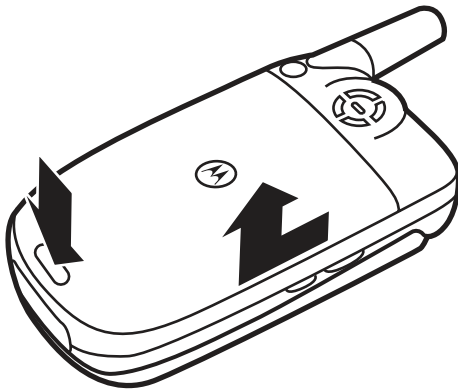
SIM card

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

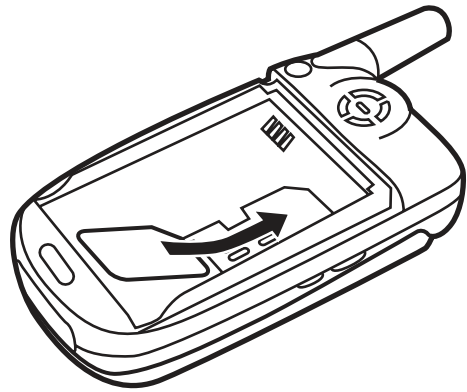
Caution: Do not bend or scratch your SIM card. Keep it away from static electricity, water and dirt.

To install a SIM card:

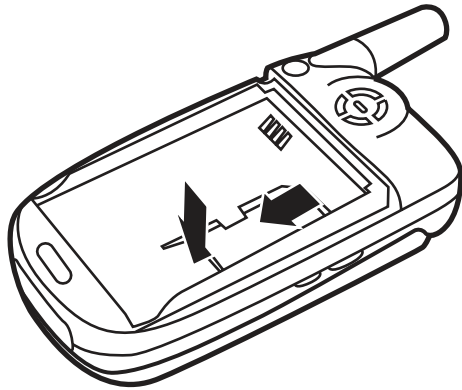
1



2



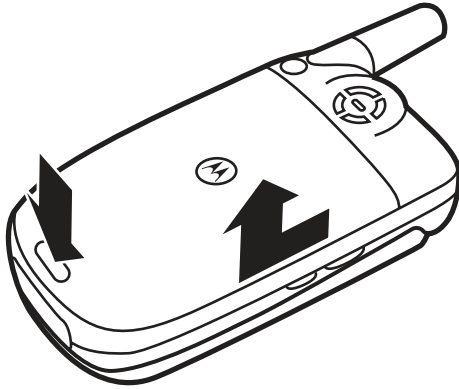
To remove a SIM card:



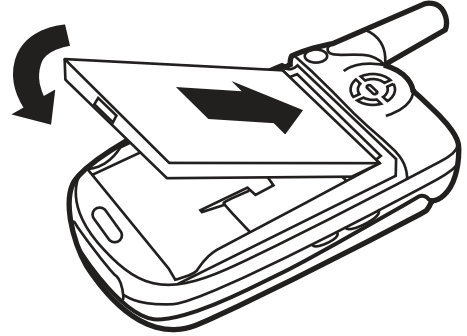
battery

battery installation

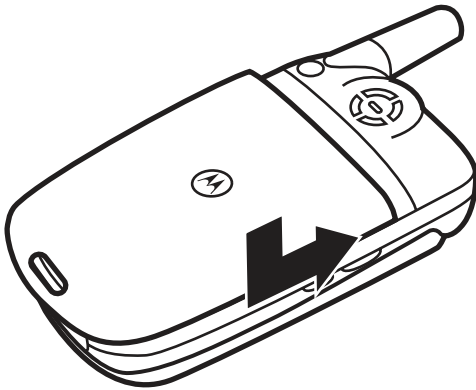
1



2



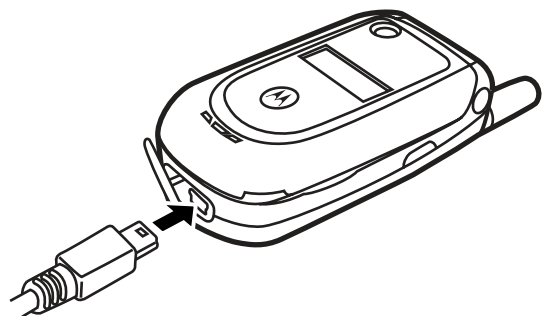
3



battery charging

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



You can charge your battery by connecting a cable from your phone's mini-USB port to a USB port on a computer. Both your phone and the computer must be turned on and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.

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.





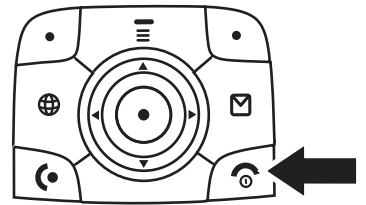
Contact your local recycling centre for proper battery disposal.

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

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

turn it on & off

To turn on your phone, press and hold  for a few seconds or until the display turns on. If prompted, enter your 6-digit SIM card PIN code and/or 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 Locked**. Contact your service provider.

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

make a call

Enter a phone number and press  to make a call.

To “hang up,” close the flip or press .

answer a call

Note: Your phone cannot receive data over an EDGE network while it is playing videos or some sound files. The EDGE  status indicator appears at the top of your display when you can receive data over an EDGE network.

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

To “hang up,” close the flip or press .

your phone number

From the home screen, press   to see your number.

Tip: Want to see your phone number while you are on a call? Press  > **My Tel. Numbers**.

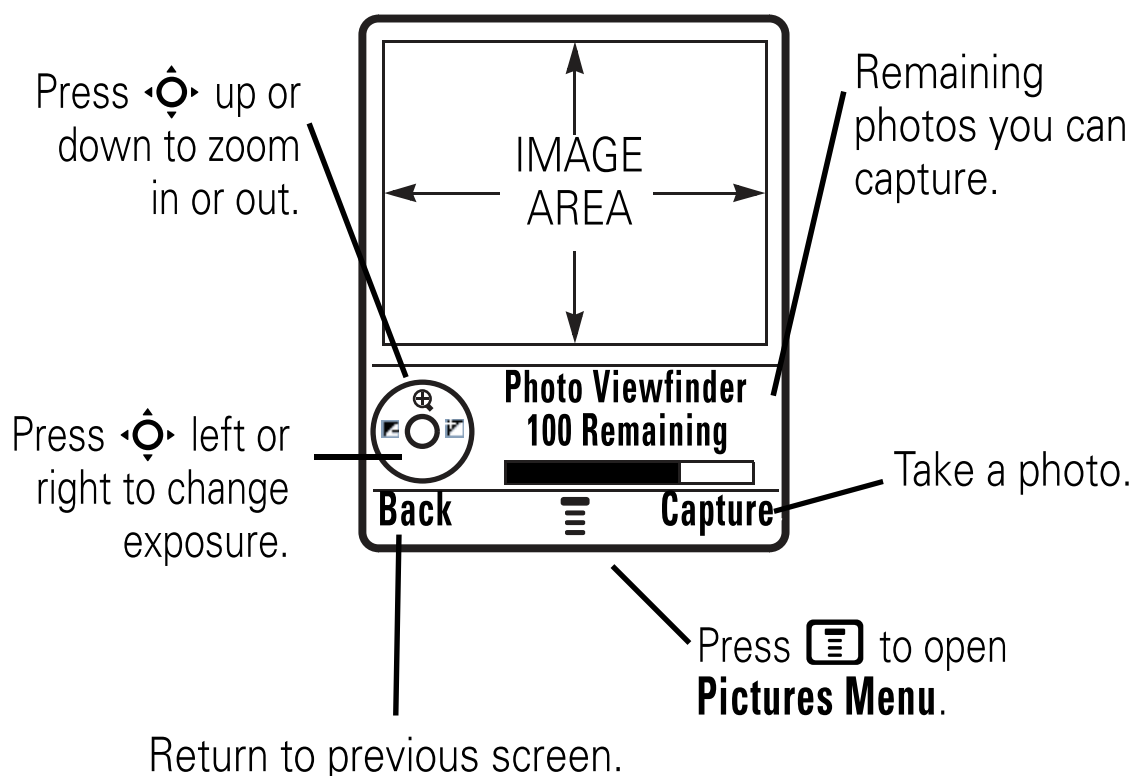
To store or edit your name and phone number on your SIM card, press the **Edit** key while displaying it. If you do not know your phone number, contact your service provider. 

main attractions

You can do much more with your phone than make and receive calls!

take & send a photo

Press  >  **Multimedia** > **Camera** to see the camera viewfinder:



Note: Adjusting the exposure will affect the brightness of both the Photo Viewfinder display and the captured photo.

1 Point the camera lens at the photo subject.

You can press  to open the **Pictures Menu**. See the table after this procedure.

2 Press the **Capture** key to take a photo.

3 To send the photo in a multimedia message, press **Store** > **Send in Message**, enter a text note, press **Send To**, scroll to and select a recipient address, press the centre key , then press **Send**.

or

To store the photo, press **Store** > **Store Only**.

or

To delete the photo and return to the active viewfinder, press the **Discard** key.

When the viewfinder is active, press  to open the **Pictures Menu**:

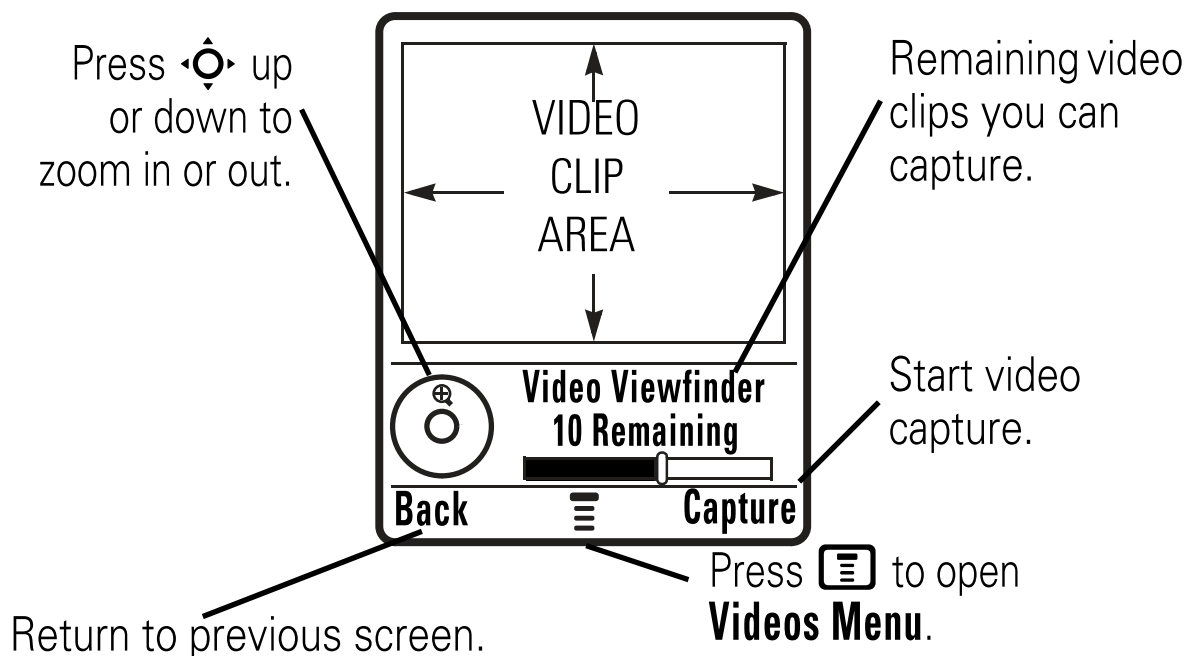
option	
Go to Pictures	View stored pictures and photos.
Auto-Timed capture	Set a timer for the camera to take a photo.
Pictures Setup	Open the setup menu to adjust photo settings.
View free space	See how much memory remains.

send a stored photo in a message

- 1 Press  >  **Messages** > **New Message** > **New Multimedia Msg.**
- 2 Press  > **Insert** > **Picture.**
- 3 Scroll to the picture you want to insert and press **Insert.**
- 4 Enter message text and press **Send To.**
- 5 Scroll to the recipient address, press the centre key  and press **Send To.**

record video

Press  >  **Multimedia** > **Video Camera** to see the video viewfinder.



Note: You can zoom only before you start recording. The number of video clips remaining is an estimate.

If you want to send your video in an MMS message, the video length must be set to MMS. To set length, from the video viewfinder press  > **Videos setup** > **Video length**.

Point the camera lens at the video subject, then:

- 1** Press the **Capture** key to start the video recording.
- 2** Press the **Stop** key to stop the video recording.
- 3** To send the video clip in a multimedia message, press **Store** > **Send in Message**, enter a text note, press **Send To**, scroll to and select a recipient address, press the centre key , then press **Send**.

or

To store the video clip, press **Store** > **Store Only**.

or

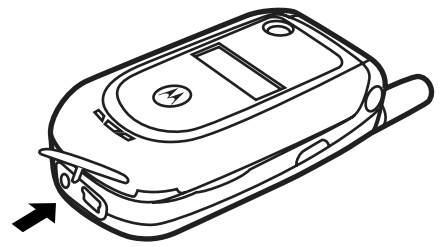
To delete the video clip and return to the active viewfinder, press the **Discard** key.

cable connections



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

- Synchronise phonebook and datebook information between your phone and a computer or hand-held device.
- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data calls from your computer or hand-held device.



Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need.



TM

To **transfer data** between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information. To make **data and fax calls** through a connected computer, see page 75.

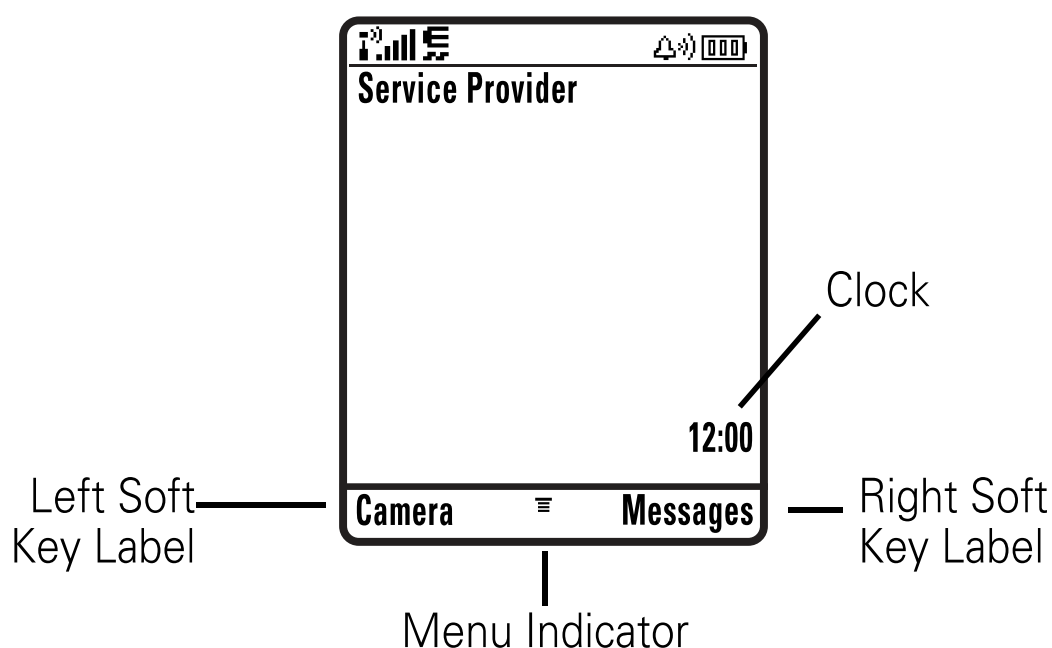
basics

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 number keys and then .

Note: Your home screen may look different from the one below, depending on your service provider.

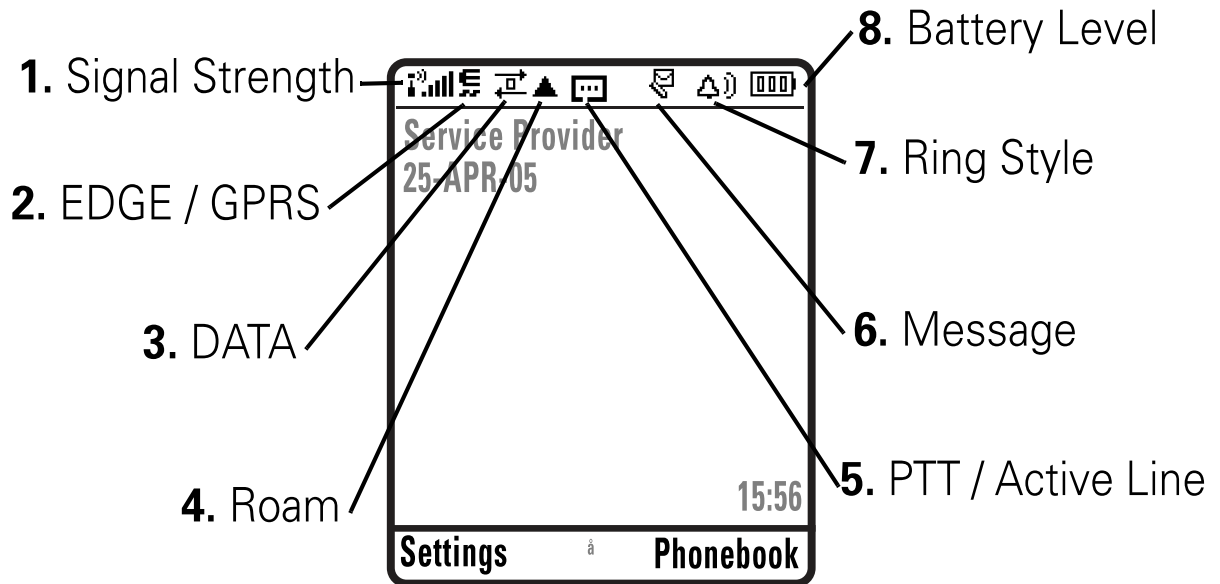


The *Menu Indicator* ≡ shows that you can press  to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

Your home screen might display news from your service provider at the bottom. To change this news display, press  >  **Settings** > **Personalise** > **Home screen** > **Headlines**.



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 cannot make or receive calls when  or  displays.

2 EDGE/GPRS Indicator – Shows when your phone is using a high-speed *Enhanced Data for GSM Evolution* (EDGE) or *General Packet Radio Service* (GPRS) network connection. Indicators can include:



 = GPRS PDP context active

 = EDGE

 = GPRS packet data available

3 Data Indicator – Indicators can include:



 = 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 your home network.



5 PTT/Active Line Indicator – Shows to indicate an active call or to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:



 = line 1 active

 = line 1 active, call forward on

 = line 2 active

 = line 2 active, call forward on

Shows  when you can make and receive PTT calls or  for both PTT calls and Instant Messages.

Note: When PTT is enabled, the Active Line icon will not be shown.

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



 = text message

 = voice message

7 Ring Style Indicator – Shows the ring style setting.

🔔 = loud ring

🔔🔊 = vibrate & ring

🔔🔊 = soft ring

🔔🔊 = vibrate then ring

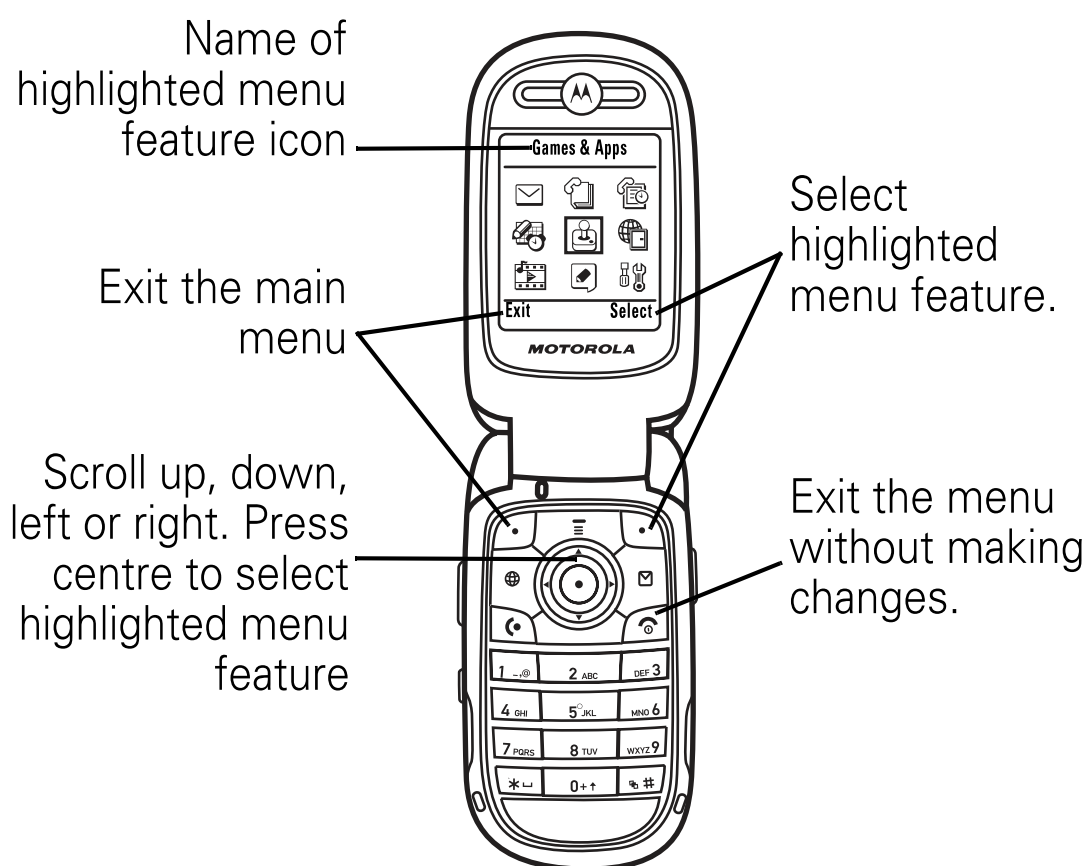
🔔🔊 = vibrate

🔔🔊 = silent

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

menus

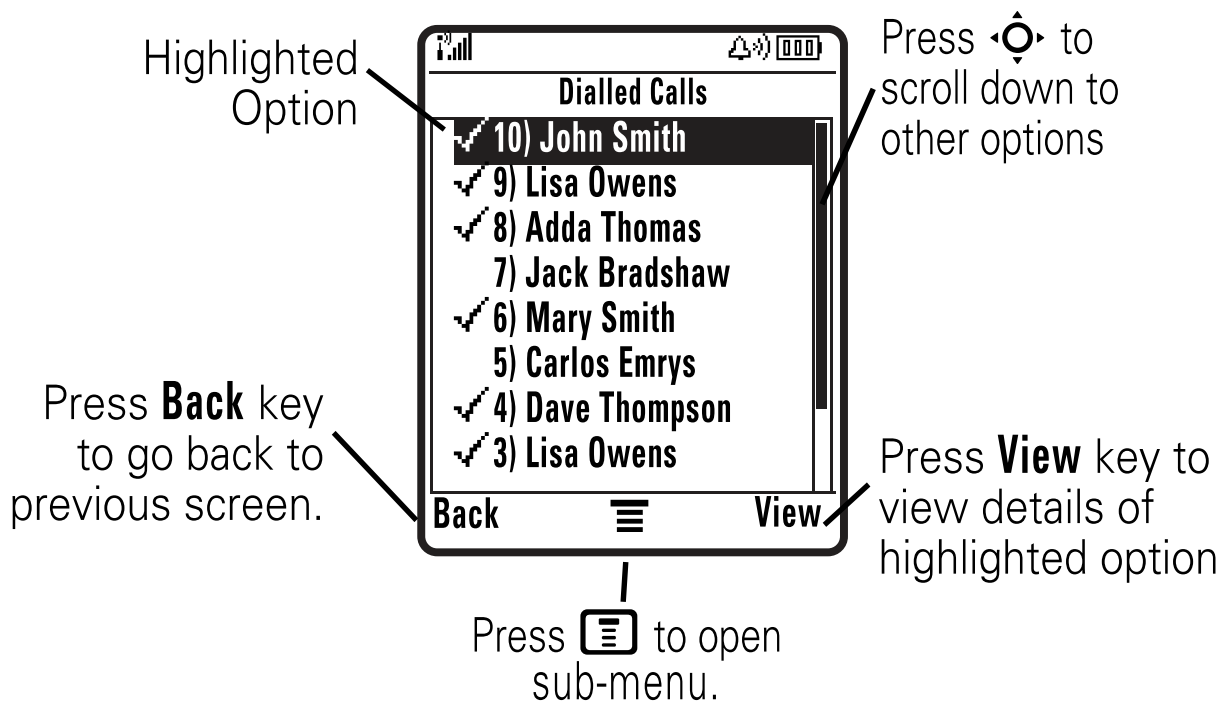
From the home screen, press  to enter the main menu.



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

menu features	
 Messages	 Phonebook
 Recent Calls	 Tools
 Games & Apps	 WebAccess
 Multimedia	 Voice Records
 Settings	

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

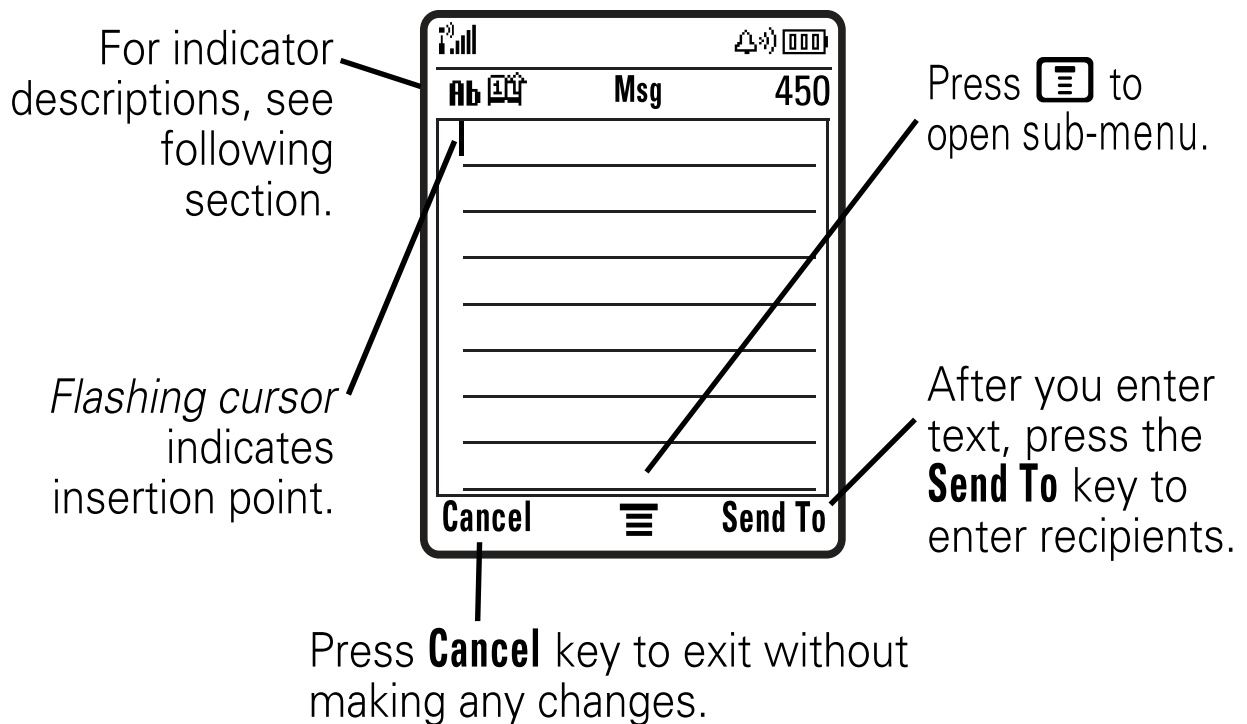


- Scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight an option.
- In an alphabetised list, press a key repeatedly to cycle through its letters and highlight the closest matching list option.

- 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.

text entry

Some features let you enter text.



Press in a text entry screen to select an entry mode:

entry mode	
or 1	Your Primary text entry mode can be set to any iTAP® or tap 1 mode.
or 2	Your Secondary text entry mode can be set to any iTAP or tap 2 mode or set to None if you do not want a secondary entry mode.
12	Numeric mode enters numbers only.
@	Symbol mode enters symbols only.

To set your primary and secondary text entry modes, press  > **Entry Setup** in a text entry screen and select **Primary Setup** or **Secondary Setup**.

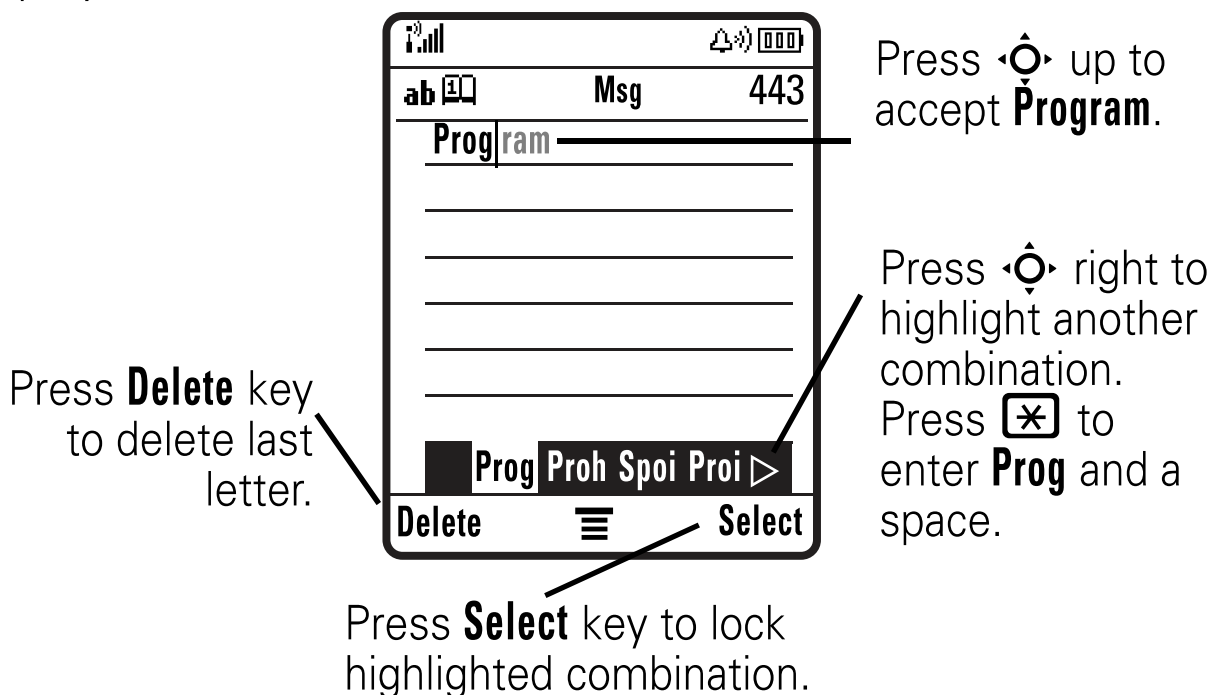
Tip: WANT TO SHOUT YOUR MESSAGE? Press  in a text entry screen to change text case to all capital letters (**AB**), no capital letters (**ab**) or mixed capitals (**Ab**).

iTAP™ mode

Press  in a text entry screen to switch to iTAP mode. If you do not see  or , press  > **Entry Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using 1 key press 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:



- If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.

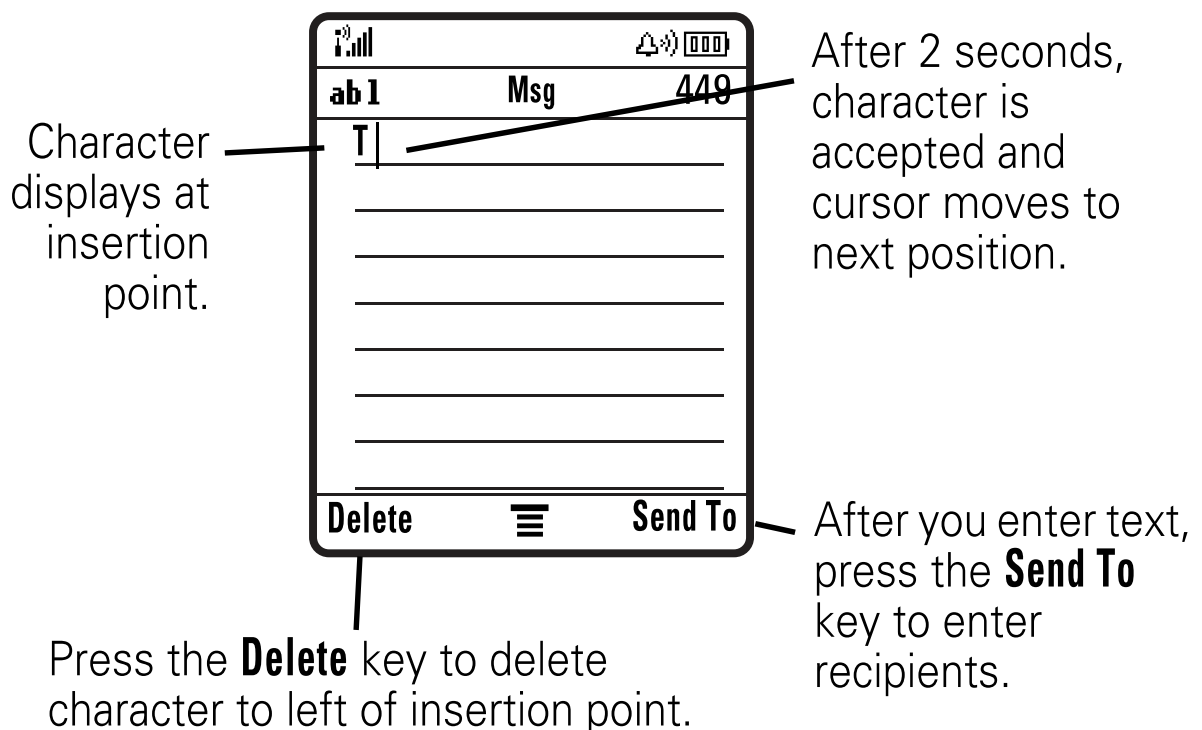
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.
- Press **[1]** to enter punctuation or other characters.

tap mode

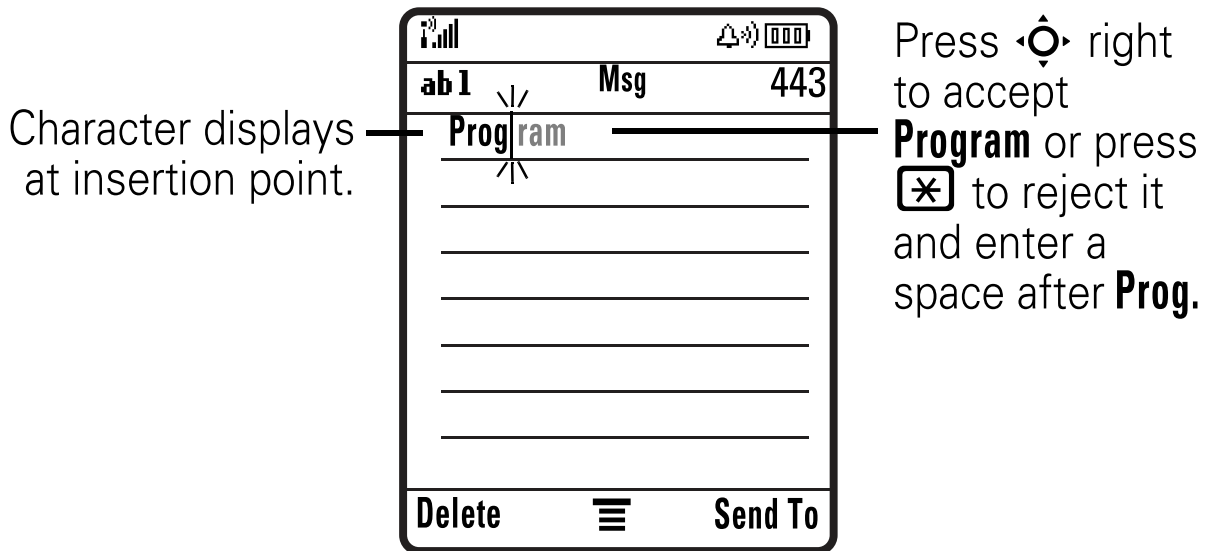
Press **[#]** in a text entry screen to switch to tap mode. If you do not see **Ab 1** or **Ab 2**, press **[≡] > Entry Setup** to set tap mode as your primary or secondary text entry mode.

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]** 1 time, your phone displays:



When you enter 3 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:



- The first character of every sentence is capitalised. If necessary, press [down arrow] to change the character to lowercase before the cursor moves to the next position.
- Press [left arrow] to move the flashing cursor to enter or edit message text.
- If you do not want to save your text or text edits, press [X] to go to **Msg Abort Options**. Select **Abort Message** to exit without saving.
- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

Press [#] in a text entry screen until you see **12**. Press the number keys to enter the numbers you want.

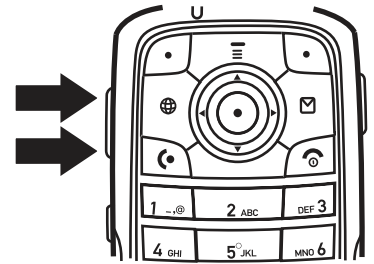
symbol mode

Press **#** in a text entry screen until you see **@**. 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

Press the volume keys to:

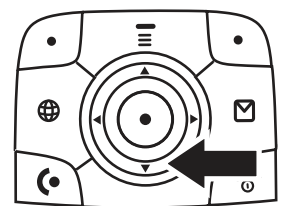
- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen



Tip: Sometimes silence really is golden. That is why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key in the home screen.

navigation key

Press the *navigation key*  up, down, left or right to scroll and highlight items in the display. When you highlight something, press the *centre key*  to select it. The centre key usually does the same thing as the right soft key.



external display

When your phone is closed, the external display shows the time, date, status indicators and notifications for incoming calls and other events. For a list of phone status indicators, see page 31.

To set the phone ring style in the external display:

- 1 Press a volume key to display **Style:** *style name*.
- 2 Press the smart key repeatedly, until the style you want appears.
- 3 Press a volume key to return to the home screen.

handsfree speaker

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

During a call, press the **Speaker** key to turn the handsfree speaker on. Your phone displays **Spkrphone On**. Press the **Speaker** key again to turn off the handsfree speaker.

Note: The handsfree speaker will 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 did not change these codes, you should change them:

Find it: Press  >  **Settings** > **Security** > **New Passwords**

You can also change your **SIM PIN2** or call barring passwords.

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering 1234 or the last 4 digits of your phone number. If that does not work, press  and enter your 6-digit security code instead.

If you forget other codes: 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** > *unlock code*.

To **automatically lock** your phone whenever you turn it off: Press  >  **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On** > *unlock code*.

Note: You can make emergency calls on a locked phone (see page 50). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

battery meter

View a meter that shows your battery's charge level:

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

customise

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:

 **Loud**

 **Vibrate**

 **Vibe then Ring**

 **Soft**

 **Vibe & Ring**

 **Silent**

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

Find it: Press  >  **Settings** > **Ring Styles** > **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  >  **Settings** > **Ring Styles** > *Style Detail*

Note: *Style* represents the current ring style. You cannot set an alert for the **Silent** ring style setting.

- 1** Highlight **Line 1** or **Line 2**, then press the **Change** key to change it.
- 2** Highlight the alert you want, then press the **Select** key.
- 3** Press the **Back** key to save the alert setting.

time & date

You need to set your phone's time and date to use the datebook.

To set the time and date: Press  >  **Settings** > **Initial Setup** > **Time and Date** > *time* or *date*.

To choose an **analog or digital** clock for your home screen, press  >  **Settings** > **Personalise** > **Home screen** > **Clock**.

Note: If your home screen displays news information from your service provider, you must turn off the news headlines to see an analog clock. Press  >  **Settings** > **Personalise** > **Home screen** > **Headlines** > **Off**, then, after you return to the home screen, press  >  **Settings** > **Personalise** > **Home screen** > **Display** > **Clock** > **Analogue**.

wallpaper

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

Find it: Press  >  **Settings** > **Personalise** > **Wallpaper**

option	
Picture	Select an image for your wallpaper or None for no wallpaper.
Layout	Select Centre to centre the image in the display, Tile to repeat the image across the display or Fit-to-screen to stretch the image across the display.

screen saver

Set a photo, picture or animation as a screen saver. 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 not your battery. To extend battery life, turn off the screen saver.

Find it: Press  >  **Settings** > **Personalise** > **Screen Saver**

option	
Picture	Select an image for your screen saver or None for no screen saver.
Delay	Select the length of inactivity before the screen saver displays.

display appearance

To choose a **colour style** that sets the look of your phone's display:

Press  >  **Settings** > **Personalise** > **Colour Style**.

To adjust the **contrast** of your phone's display:

Press  >  **Settings** > **Initial Setup** > **Contrast**

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

Press  >  **Settings** > **Initial Setup** > **Backlight**.

Note: To turn the backlight on or off for Java™ applications, press  >  **Settings** > **Java Settings** > **App Backlight**.

To save battery life, the **display** can turn 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:

Press  >  **Settings** > **Initial Setup** > **Display Timeout**.

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

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

option	
Multi-key	Answer by pressing any key.
Open To Answer	Answer by opening the flip.

calls

To make and answer calls, see page 23.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

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  from the home screen to see the dialled calls list.

Find it: Press  >  **Recent Calls**

- 1** Highlight **Received Calls** or **Dialled Calls**, then 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 (like time and date), press the **View** key.

- To see the **Last Calls Menu**, press . This menu can include:

option	
Store	Create a phonebook entry with the number in the No. field. Store does not appear if the number is already stored.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. Note: This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 75). 

redial

- 1 Press  from the home screen to see the dialled calls list.
- 2 Highlight the entry you want to call, then press .

If you hear a **busy signal** and see **Call Failed, Number Busy**, press  or the **Retry** key to redial the number. When the call goes through, your phone rings or vibrates once, displays **Redial Successful** and connects the call.



automatic redial

When you receive a **busy signal**, your phone displays **Call Failed, Number Busy**. With automatic redial, your phone automatically redials the number for up to four minutes. When the call goes through, your phone rings or vibrates once, displays **Redial Successful** and connects the call.



To turn automatic redial on and off, press  >  **Settings** > **Auto Redial** > **On** or **Off**.

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 .

notepad

Your phone saves the last set of digits entered on the keypad in *notepad* memory. This can be the last phone number you called or a number that you “jot down” during a call for later use. To see the number stored in the notepad:

Find it: Press  >  **Recent Calls** > **Notepad**

- To call the number, press .
- To create a phonebook entry with the number in the **No.** field, press the **Store** key.
- To open the **Dialling Menu** to attach a number or insert a special character, press .

hold or mute a call

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

Press **Mute** key (if available) or  > **Mute** to put all active calls on mute.

call waiting

When you are on a call, 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 2 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 external and internal displays.



Your phone shows the caller's name and picture when they are stored in your phonebook or **Incoming Call** when caller ID information is not available.

You can set your phone to play a different ringtone ID for an entry stored in your phonebook (see page 61).

To show or hide **your phone number** from the next person you call, enter the phone number and press  > **Hide ID**.

emergency calls

Your service provider programs 1 or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

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

- 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 dialling, press and hold **0** to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.



1-touch dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for 1 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**

To add a new phonebook entry, see page 60. To edit the **Speed No.** for a phonebook entry, press  >  **Phonebook**, highlight the entry and press  > **Edit**.

voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.



Note: Your service provider may include additional information about using this feature.

When you **receive** a voicemail message, your phone displays the voicemail message indicator  and **New Voicemail**. Press the **CALL** key to listen to the message.

To **check** 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.

Note: You cannot store a **p** (pause), **w** (wait) or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

push to talk (PTT)

Push to Talk (PTT) lets you talk walkie-talkie style with other PTT subscribers. You can talk to 1 person or a group.

PTT and the other related features indicated are network- and subscription-dependent features and are not available in all areas. PTT connectivity requires PTT-compatible phones.



Note: To lock your PTT key or to turn PTT on or off, see page 56.

make a PTT call

When  shows at the top of your home screen, you can make and receive PTT calls. To make a PTT call:

1 Enter a PTT subscriber's phone number in your home screen or select a contact or group from a list:

- **PTT Contacts** (press the PTT key to open the list)

Note: If you change your **Open to** setting, your PTT key does not open the contacts list (see page 56)

- **Quick Group** (press the PTT key and  > **Quick Group**)
This lets you select more than 1 contact for the call.

- **Go To Groups** (press the PTT key and  > **Go To Groups**)

2 Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak.

To speak during a PTT call, hold your PTT key and speak after the tone. Only 1 person can speak at a time.

To end the call, press . If nobody speaks for approximately 20 seconds, the call ends.

To send a PTT alert instead of a standard PTT call, highlight a contact in **PTT Contacts** and press the **Alert** key. The contact's phone rings or vibrates and the contact can speak first. If the contact does not respond, the call ends. You cannot send alerts to groups.

answer a PTT call

Note: Your phone cannot receive PTT calls while it is playing videos or some sound files. The PTT indicator  appears at the top of your display when you can receive PTT calls.

When you receive a PTT call (and **My Answer Mode** is set to **Auto-Accept**), you hear a tone or alert followed by conversation from the caller.

- **To speak** when the caller stops speaking, hold your PTT key and speak after the tone. Only 1 person can speak at a time.
- **To end the call**, press .

If you change your **My Answer Mode** setting to **Manual**, your phone does not automatically answer as described (see page 56).

When you receive a PTT alert, press the PTT key and speak after the tone. You can also press the **Ignore** key to cancel the call.

Your phone displays **Missed Call** if you miss a PTT alert. It does not display **Missed Call** when you miss a standard PTT call unless you set **My Answer Mode** to **Manual** (see page 56).

PTT contacts and groups

You can store **PTT Contacts** to make one-to-one calls or you can store **PTT Groups** to make group calls.

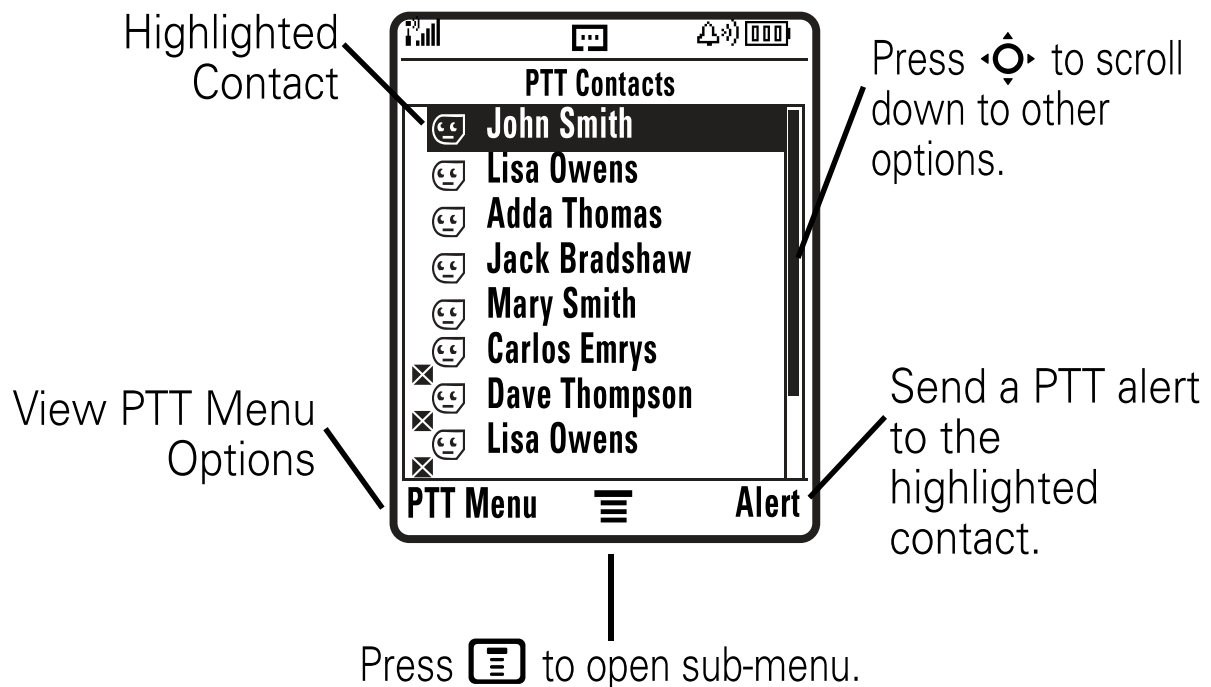
To store a contact, press **PTT key**  > **Add New Contact**

Enter the contact's **Name** and phone number (**No.**), then press the **Done** key. Your network stores the contact and your phone returns to the **PTT Contacts** list with the new contact displayed.

To create a group of contacts that you can call at the same time, press **PTT key**  > **Go To Groups**  > **Add New Group**.

Enter the group's **Name** and select the **Members**, then press the **Done** key. Your network stores the group and your phone returns to the **PTT Groups** list with the new group displayed.

To view PTT contacts, press the PTT key. Scroll to a contact and press  to **View**, **Edit** or **Delete** it.



To view PTT groups, press the PTT key and  > **Go To Groups**. Scroll to a group and press  to **View** or **Delete** it. You cannot edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists indicate if someone is online (☺, ☺☺) or offline (☹☺, ☹☺). They also tell you if a contact is blocked ☹☺ (highlight the contact and press ☰ > **Block** or **Unblock**).

To set an **online alert** 🔔 to tell you when a contact comes online, highlight the offline contact and press ☰ > **Enable Online Alert**. You can turn online alert tones on or off in your **PTT Setup** menu (see page 57).

To refresh the contact or group list from your network, press ☰ > **Refresh List**.

To view only your frequently used contacts or groups, press ☰ > **Frequently Used**

PTT settings

To **turn PTT on or off** from your home screen, press ☰ > ⚙️ **Settings** > **PTT Settings** > **PTT Service** > **On** or **Off**

To prevent accidental PTT calls, you can set your phone to **lock the PTT key** automatically when you have not pressed it for a few minutes and your phone is closed. Press ☰ > ⚙️ **Settings** > **Security** > **Lock PTT Key** and select how long your phone should wait before it locks the key. To unlock the key, hold it for 2 seconds or open the phone. The PTT key unlocks when you receive a PTT call.

You can change your PTT menu and call preferences.

Find it: Press **PTT key**  > **PTT Setup** > **PTT Personalise**

option	
Open to	From your home screen, your PTT key can open the PTT menu (PTT Menu) or your contacts list sorted by name (Contacts) or most recent call (Last Contact Call).
Sort by	Sort your contacts and groups by Name , online Status or call Frequency .
My Answer Mode	Set your mode for incoming PTT calls to Manual (press the PTT key to answer), Auto-Accept (standard mode that accepts all calls) or Do Not Disturb (accepts no calls).
Tone Volume	Set the volume for the tone you hear when it is your turn to speak.
PTT Speaker	Turn the speakerphone On or Off for PTT calls.
Set Online Alert Tone	You can set an online alert to tell you when a contact or group comes online (highlight the offline entry in your PTT Contacts or PTT Groups and press  > Enable Online Alert). This setting tells your phone whether to play these alert tones (On) or not (Off).

other features

advanced calling

feature		
conference call	During a call: Dial next number, press  , press the Link key.	
transfer a call	During a call:  > Transfer , dial transfer number, press 	
attach a phone number	Dial an area code or prefix for a phonebook number, then:  > Attach Number	
speed dial	Speed dial a phonebook entry: Enter speed dial number, press  , press  . To add a phonebook entry, see page 60. Tip: If you forget your friend's speed dial number, press  >  Phonebook , highlight his or her entry and press the View key.	

feature		
set up quick dial	Set up preprogrammed phone numbers:  >  Tools > Dialling services > Quick Dial	
call forwarding	Set up or cancel call forwarding:  >  Settings > Call Forward	
restrict calls	Restrict outgoing or incoming calls:  >  Settings > Security > Call Barring	
change phone line	If you have a dual-line-enabled SIM card, 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 (see page 32).	
fixed dial	When you turn on fixed dialling, you can call only numbers stored in the fixed dial list. Turn fixed dialling on or off:  >  Settings > Security > Fixed Dial Use the fixed dial list:  >  Tools > Dialling services > Fixed Dial	

feature

DTMF tones

Activate DTMF tones:

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

To send DTMF tones during a call, just press number keys or highlight a number in the phonebook or recent calls lists and press  > **Send Tones**.

phonebook

feature

add new entry

 >  **Phonebook**

 > **New** > **Phone Number** or **Email Address**

Shortcut: Enter a phone number in the home screen, then press the **Store** key to create an entry for that number.

Tip: 1 phone is not enough for some people. When creating a phonebook entry, select **More** to store another number for the same **Name**.

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 the key's letters.

feature	
record a voice name	When creating a phonebook entry, highlight Voice Name and press the Record key. Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. Note: The Voice Name option is not available for entries stored on the SIM card.
voice dial number	Voice dial a number stored in the phonebook: Press and release the voice key, then say the entry's name (within 2 seconds).
set ringer ID for entry	Assign a ring alert (ringer ID) to an entry:  >  Phonebook > <i>entry</i>  > Edit > Ringer ID > <i>ringer name</i> Note: The Ringer ID option is not available for entries stored on the SIM card. Activate ringer IDs:  >  Settings > Ring Styles > <i>style Detail</i> > Ringer IDs

feature	
set picture ID for entry	Assign a photo or picture to display when you receive a call from an entry:  >  Phonebook > <i>entry</i>  > Edit > Picture > <i>picture name</i> Note: The Picture option is not available in entries stored on the SIM card.
set primary or all numbers view	Display primary numbers or all numbers for entries when listed:  >  Phonebook  > Setup > View > All Contacts or Primary Contacts
set category for entry	 >  Phonebook > <i>entry</i>  > Edit > Category > <i>category name</i> Note: The Category option is not available in entries stored on the SIM card.
set category view	 >  Phonebook  > Categories > <i>category view</i> You can display All entries, entries in a predefined category (Business, Personal, General, VIP) or entries in a category you create.
define new category	 >  Phonebook  > Categories  > New

feature	
set primary number or address	Set the primary number for an entry with multiple numbers:  >  Phonebook > <i>entry</i>  > Set Primary > <i>number or address</i> Note: The Set Primary option is not available on entries stored on the SIM card. Tip: In Primary number view mode, you can still peek at other numbers stored for the same name. Highlight the name and press  up and down to see the other numbers.
create group mailing list	 >  Phonebook  > New > Mailing List
sort phonebook list	Set the order in which entries are listed:  >  Phonebook  > Setup > Sort by > <i>sort order</i> You can sort the phonebook list by Name, Speed No., Voice Name or Email. When sorting by name, you can display All numbers or just the Primary number for each name.

feature	
change phonebook search	In the phonebook, press keypad keys to enter the first letters of an entry you want. To change how this search works:  >  Phonebook  > Setup > Search Method > Jump To or Find Jump To jumps directly to the entry, while Find enables you to begin the search by pressing the Search key.
copy phonebook entry	Copy an entry from the phone to the SIM card or from the SIM card to the phone:  >  Phonebook > <i>entry</i>  > Copy > Entries > To
delete phonebook entry	 >  Phonebook > <i>entry</i>  > Delete
check phonebook memory	Display space available for phonebook entries in phone or SIM memory:  >  Phonebook  > Phone Capacity or SIM Capacity
send message to phonebook entry	Send a phonebook entry a text, multimedia or voice message:  >  Phonebook > <i>entry</i>  > Send Message

feature	
send phonebook entry over data connection	Send a phonebook entry to another phone, computer or device:  >  Phonebook > <i>entry</i>  > Share Phonebook Entry

messages

feature	
send text message	 >  Messages > New Message > New Short Msg 
send multimedia message	 >  Messages > New Message > New Multimedia Msg 
send voice message	 >  Messages > New Message > New Voice Msg  To record the voice message, press the Record key, speak, then press the Stop key. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.
use a multimedia template	Open a multimedia template with preloaded media:  >  Messages > New Message > MMS Templates 

feature		
read new message	When your phone displays New Message , press the Read key to read the message you received.	
read old messages	 >  Messages > Message Inbox Icons next to each message indicate if it is locked  , has an attachment  , is urgent  or is low priority  . Press  to perform various operations on a message.	
store message objects	Go to a multimedia message page or highlight an object in a letter, then:  > Store	
store text messages on your SIM card	To store incoming text messages on your SIM card, press:  >  Messages  > Inbox Setup > Text Msg Setup > Store To > SIM	
browser messages	Read messages received by your micro-browser:  >  Messages > Browser Msgs	
info services	Read subscription-based information services messages:  >  Messages > Info Services	

feature		
quick notes	Send or create a prewritten message:  >  Messages > Quick Notes	
cleanup messages	 >  Messages  > Cleanup Messages	
inbox setup	Specify settings for incoming and outgoing text and multimedia messages:  >  Messages  > Inbox Setup Tip: You can store text messages either on your phone or on your SIM card.  >  Messages  > Inbox Setup > Text Msg Setup > Store To > Phone or SIM	
fax message setup	Set notification on or off for received fax message:  >  Messages  > Fax Msg Setup	
voicemail setup	Enter voicemail number, set notification on or off for received voicemail message:  >  Messages  > Voicemail Setup	

feature	
info services setup	Specify settings for subscription-based information services messages:  >  Messages  > Info Srvc Setup
outbox auto-cleanup	Set automatic removal of outbox messages:  >  Messages  > Outbox Setup > Auto Cleanup
check message memory	Display space available for stored messages:  >  Messages  > Memory Meter

personalising

voice shortcuts

To **create** a voice shortcut to a menu item:

- 1 Press , then scroll to the menu option to which you want to create a shortcut.
- 2 With the option highlighted, press and hold .
You see **Assign Shortcut for:** *name_of_option*.
- 3 Select **Yes**.

- 4 Select **Name > Change**.
- 5 Select **Voice > Record**.
- 6 While pressing the voice button on the right side of the phone, say the name you want to use for the voice shortcut.

Release the button when you finish speaking.

- 7 Select **Done**.

Your phone stores the shortcut.

To **activate** a voice shortcut:

- 1 Press .
- 2 Press the number key of the desired shortcut.

or

Press the voice button, then speak the desired shortcut name.

other personalising features

feature	
language	Set menu language:  >  Settings > Initial Setup > Language
greeting	Enter a greeting to display when you turn on your phone:  >  Settings > Personalise > Greeting

feature	
scroll	Set the highlight bar to Up/Down or Wrap Around in menu lists:  >  Settings > Initial Setup > Scroll
activate ringer IDs	Activate ringer IDs assigned to phonebook entries and categories:  >  Settings > Ring Styles > Style Scroll to and select the ringstyle.
ring volume	 >  Settings > Ring Styles > <i>style</i> Detail > Ring Volume
keypad volume	 >  Settings > Ring Styles > <i>style</i> Detail > Key Volume
reminders	Set reminder alerts for messages that you receive:  >  Settings > Ring Styles > <i>style</i> Detail > Reminders
news display	If your service provider broadcasts news information that always appears in your home screen, you can turn the news display on or off:   >  Settings > Personalise > Home screen > Headlines > On or Off
home screen layout	 >  Settings > Personalise > Home screen > Layout > Centred or Left justified

feature	
menu view	Display the main menu as graphic icons or as a text-based list:  >  Settings > Personalise > Main Menu > View
main menu	Reorder your phone's main menu:  >  Settings > Personalise > Main Menu > Reorder
show/hide menu icons	Show or hide menu feature icons in the home screen:  >  Settings > Personalise > Home screen > Home Keys > Icons Note: In the Home screen menu, select Headlines > On or Headlines > Off if your service provider has a news display. 
change home keys	Change the features for the soft keys and navigation key in the home screen:  >  Settings > Personalise > Home screen > Home Keys Note: In the Home screen menu, select Headlines > On or Headlines > Off if your service provider has a news display. 

feature	
shortcuts	Create a shortcut to a menu item: Highlight the menu item, press and hold , then press the Yes key. 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	Erase all downloaded files and clear all settings and entries you made except SIM card information, unlock code, security code and lifetime timer:  >  Settings > Initial Setup > Master Clear Caution: Master clear erases all information you have entered (including phonebook and datebook entries) and content you have downloaded (including photos and sounds) stored in your phone's memory. After you erase the information, you cannot recover it.

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	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	 

handsfree

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

feature	
speakerphone	Activate the speakerphone during a call: Press the Speaker key.
auto answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  >  Settings > Car Settings or Headset > Auto Answer
voice dial (headset)	Enable voice dial with headset send/end key:  >  Settings > Headset > Voice Dial
auto handsfree (car kit)	Automatically route calls to a car kit when connected:  >  Settings > Car Settings > Auto Handsfree

data & fax calls

To connect your phone with a USB cable, see page 29.

feature		
send data or fax	Connect your phone to the device, then place the call through the device application.	
receive data or fax	Connect your phone to the device, then answer the call through the device application.	
talk then fax	Connect your phone to the device, enter fax number, press  > Talk then Fax , then press  to make the call.	
using sync	You can call an Internet server and synchronise your phonebook and datebook entries with the server. To set up an Internet sync partner, press  >  Settings > Connection > Sync > [New Entry]. Enter the server details, including Server URL (you can omit http://) and Data paths (the folder below the URL where your data is stored). To synchronise files with a partner you set up, select the partner from the list in  >  Settings > Connection > Sync.	

network

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

personal organiser

feature		
set alarm	 >  Tools > Alarm Clock	
turn off alarm	When an alarm displays: To turn off the alarm, press the Disable key or  . To set an 8 minute delay, press the Snooze key. Note: The Snooze key is available only if the phone is already powered on when the alarm sounds.	
add new datebook event	 >  Tools > Datebook , highlight the day, press  , press  > New	
view datebook event	Display or edit event details:  >  Tools > Datebook , highlight the day, press  , press the View key	
event reminder	When an event reminder displays: To see reminder details, press the View key. To close the reminder, press the Exit key.	

feature	
send datebook event to another device	Send a datebook event to another phone, computer or device:  >  Tools > Datebook, highlight the day, press , highlight the event, press  > Send
create voice record	Create a voice record (for example, to make a note to yourself): Press and hold the voice key, speak into the phone, release the voice key. Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.
play voice record	Play back a voice record:  >  Voice Records > <i>voice record</i> Note: This feature may appear under the  Tools menu, depending on your carrier.
calculator	 >  Tools > Calculator

feature	
currency converter	 >  Tools > Calculator  > Exchange Rate Enter exchange rate, press the Ok key, enter amount and press  > Convert Currency.

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 Locked.
lock feature	 >  Settings > Security > Lock Application
manage certificates	Enable or disable Internet access certificates stored on your phone:   >  Settings > Security > Certificate Mgmt Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

For basic information on the camera, see page 25.

feature		
manage pictures	Manage photos, pictures and animations:  >  Multimedia > Pictures	
manage video clips	 >  Multimedia > Videos Note: Your phone cannot receive PTT calls or phone calls over an EDGE network while it is playing videos.	
manage sounds	Manage ring tones and music that you have downloaded or composed:  >  Multimedia > Sounds Note: Your phone cannot receive PTT calls or phone calls over an EDGE network while it is playing some sound files. Indicators appear at the top of your display when you can receive PTT  or EDGE  calls.	
create ring tones	Create ring tones that you can use with your phone:  >  Multimedia > Sounds > [New iMelody]	

feature	
create playlist	Create a playlist of songs to play on your phone:  >  Multimedia > Sounds > [New Playlist]
select sound for ringtone	Select a sound from your Sounds list to use as a ringtone:  >  Multimedia > Sounds > <i>sound</i>  > Apply as Ring Tone
start micro-browser	 >  WebAccess > Browser 
download objects from Web page	Download a picture, sound or other object from a Web page: Go to the page that links to the file, highlight the file, press the Select key and press the Store key. Note: Store is displayed only if the download is successful. Note: Normal airtime and/or carrier usage charges apply. 
web sessions	Select or create a Web session:  >  WebAccess > Web Sessions 

feature	
download game or application	Download a Java™ game or application with the micro-browser:   >  WebAccess > Browser, go to the page that links to the application, highlight the application, press the Select key and press the Download key Note: Normal airtime and/or carrier usage charges apply.
start game or application	Start a Java™ game or application:   >  Games & Apps, highlight the game or application, press the Select key
set game or application effects	Set volume, turn on vibration effect for Java™ games or applications  > Settings > Java Settings > App Vibration or App Volume
delete all games and applications	 > Settings > Java Settings > Delete All Apps

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.94 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 0.50 W/kg.¹

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

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

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

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

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

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

Information from the World Health Organisation

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

Source: WHO Fact Sheet 193

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

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