



Motorola EX122

Getting Started Guide

Congratulations

Motorola EX122

Your **Motorola** EX122 is loaded with premium features including music, photo, video, browsing and more—all in a streamlined touchscreen design.

- **Music.** Tap, tap, play—instant music. Just open your media player and select a playlist.
- **Photos.** Use your phone's camera to take photos and send them to your friends.
- **Browsing.** Get more from the web with a huge screen. Search, browse, everything you want to do, made easier.

We've crammed all the main features of your phone into this handy guide and in a matter of minutes we'll show you just how easy it is to use your phone. You may be surprised at what you discover.

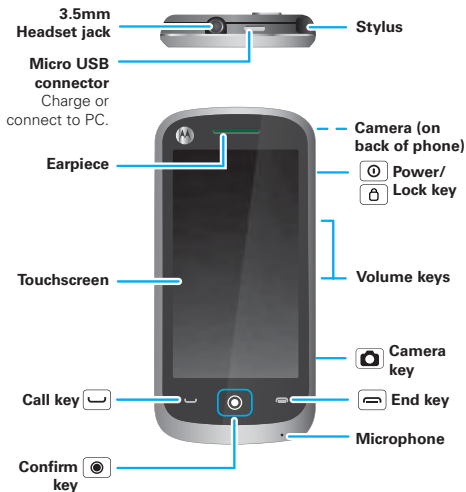
Caution: Before assembling, charging or using your phone for the first time, please read "Safety, regulatory & legal" on page 38.

More

- **Accessories:** Find accessories for your phone at www.motorola.com/products.

Your phone

the important keys & connectors



Note: Your phone might look a little different.

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Let's go

let's get you up and running

Assemble & charge

1 cover off



2 SIM card in



3 battery in



4 microSD in



5 cover on




6 charge up





Caution: Please read "Battery use & safety" on page 38.


Turn it on & off


To turn your phone on or off, press and hold Power/Lock  (on the side of the phone).



Make & answer calls

To make a call from the home screen, tap  with the stylus to open the dialler. Enter a number, then press Call .

To answer a call, press Call . To turn off the incoming call alert, tap **Reject**.

To end a call, press End .

Cool content & more

Surf the web for cool content and more “Web” on page 18. An optional microSD memory card can be installed in your phone—you can fill it with photos, videos and music from your computer.


Touchscreen & keys

a few essentials

Touch tips


Here are some tips on how to navigate around your phone.

Tap

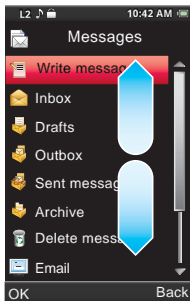
To choose an icon or option, *tap* it with the stylus. Try it: On the home screen, tap  to open the main menu.



Drag

To scroll through a list or move slowly, *drag* across the touchscreen. Try it: On the home screen, tap  **Messages**, then drag your list up or down.

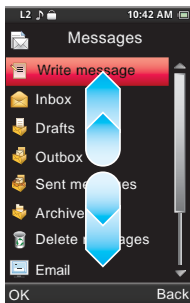
Tip: Drag the slider on the scroll bar to move the list.



Flick

To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

Tip: When you flick a long list, tap the screen to stop it from scrolling.



Key tips

Confirm, send & end

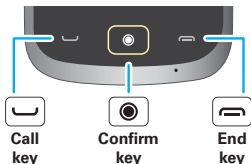
From the home screen, press




Confirm  to open the main menu.

When you're in a menu, press


Confirm  to select the highlighted menu


item or perform the option shown in the bottom centre of the touchscreen.





From the home screen, press Call  to go to the **All calls** list. Tap a number and press Call  to call it. Press End  to end calls and exit menus.

Sleep & wake up

To save your battery, prevent accidental taps or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing Power/Lock .

To wake up the touchscreen, press Power/Lock  again, then drag padlock to the right.

To change how long your phone waits before the screen goes to sleep automatically, tap  >

 **Settings > Phone setup > Display > Screen saver > Waiting.**

Adjust volume


Press the volume keys to change the ring volume (on the home screen) or the earpiece volume (during a call).

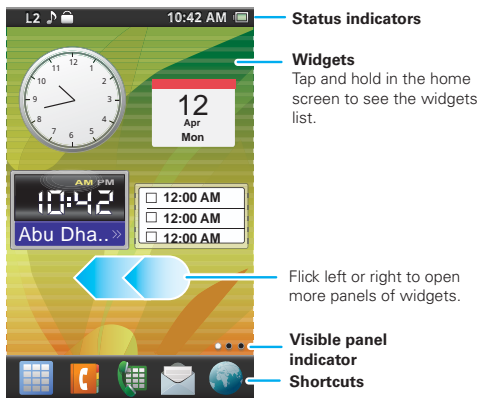


Home screen

quick access to the things you need most

Quick start: Home screen

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the phone or press End  from a menu. It's basically like this:



Note: Your home screen might look a little different.

The home screen extends beyond what you see on the screen to give you more room for adding widgets. Flick the home screen left and right to see more panels.

Widgets

Add a *widget*, such as a clock, slide show or a calendar that shows upcoming appointments.



To add widgets, tap and hold the home screen for a few seconds until a widget list shows. Tap the widget you want, then tap **OK**.

Shortcuts

Your shortcuts are shown at the bottom of the home screen.













Main menu

All the apps on your phone are shown in your *main menu*.

To open the main menu from the home screen, tap . Tap an app to open it and tap **Back** to return to the home screen. You can also press End  to return to the home screen at any time.

Phone status & notifications



The status bar at the top of the screen contains icons that tell you about messages and phone status.

status indicators			
	Signal strength		General profile
	Active voice call		Meeting profile
	Phone lock		Outdoor profile
	Alarm		Headset
	Roaming service		Bluetooth
	New messages		Battery




Calls

it's good to talk


In-call options

During a call, tap **Options** to make a new call and more. Tap  to turn the speakerphone on and  to turn the speakerphone off.

Redial

- 1 Tap  >  **Call centre** > **Call history**
- 2 Tap the contact you want to call and then press Call .



Save a contact

- 1 Tap  and enter a number.
- 2 Tap **Options** > **Save to Phonebook** > **Add new contact** or **Replace existing**.
- 3 Enter contact details and tap **Done**, then **Yes**.

Emergency calls

Note: Your service provider has programmed one or more emergency phone numbers into your phone (such as 999 or 112) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed 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 Tap  (if your phone is locked, tap **Emergency call**).
- 2 Enter the emergency number.
- 3 Press Call  to call the emergency number.

Cool down

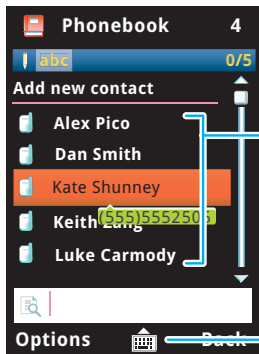
In very limited circumstances, such as when your phone has been exposed to extreme heat, the “Cool down” message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in “Cool down” mode, only emergency calls can be made.

Contacts

contacts like you've never had before

Quick start: Contacts


Find it:  **Phonebook**



Contacts list

Tap to view contact information.

Search

Tap  to open keypad and enter search text.

Tip: To see more contacts, flick or drag up or down.


Create contacts

Find it:  **Phonebook > Add new contact**

Enter the contact name and details, then tap **Done** > **Yes**.

Call contacts

Tap a contact, then press Call .

Tip: Press the volume keys to scroll to a contact, then press Call .

Messaging


sometimes it's better to text or email...

Create & send messages


Find it:  **Messages > Write message**

Use the touchscreen keypad to enter your message. Tap **Options** to insert a picture, sound or video. When you finish composing the message, tap **Options > Send to** to enter phone numbers or select message recipients from your phonebook. To send the message, tap **Options > Send**.

Receive a message


When you receive a message, your phone plays an alert and shows the new message indicator  at the top of the screen.

To read the new message, tap **View**.

To read messages stored in your inbox, tap  **Messages > Inbox**.

Email

Set up an account

Find it:  **Messages > Email > Email accounts**, press **Options > New account > Yes**

The email setup wizard will guide you through setting up your email account.

Create a new email

Find it:  **Messages > Email > Write Email**

Enter the recipient email address and message, then tap **Done > Send**.

Web

You don't need a computer, surf the web with your phone

Note: To use the browser, you must have data service activated for your account (additional fees may apply for this service).

Find it: **Internet services**

Use your phone's browser to surf your favourite websites, upload videos to a video blog and download files and applications to your phone. Log onto your Internet-based email account to check your email.

- To go to your home page, tap **Homepage**.
- To go to a webpage, tap **Input address**.
- To bookmark a webpage, tap **Options** > **Add to Bookmarks**.
- To go to a link on a webpage, tap it.

Note: If you can't connect, contact your service provider.

Social networks

my life, your life

Find it:  >  **Social networks**

Use your phone to access MySpace and Facebook™.

Note: If you don't have **MySpace** or **Facebook** accounts, you can visit their websites to set them up.

Update your status


After you set up a **MySpace** or **Facebook** account, you can sign in, update and see your current status, and see and respond to friends' updates.

Bluetooth™ wireless

lose the wires and go wireless

Turn Bluetooth power on or off

Find it:  >  **Settings** > **Connectivity** > **Bluetooth** > **Power**

When Bluetooth power is on, the Bluetooth indicator  appears in the status bar at the top of the home screen.

Note: To extend battery life, turn off Bluetooth power when not in use.

Connect new devices

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see “Reconnect devices” on page 21.

1 Make sure the device you are pairing with is in discoverable mode (see device instructions).

2 Tap  >  **Settings** > **Connectivity** > **Bluetooth** > **Search audio device**.

Note: If Bluetooth power is not turned on, your phone will ask if you want to **Power on Bluetooth first?** Tap **Yes**.

3 Your phone lists the devices it finds within range. Tap a device to connect.

4 If necessary, enter the device passkey (like **0000**) to connect to the device.

Tip: For specific information about a device, check the instructions that came with it. For more Bluetooth support, go to www.motorola.com/Bluetoothsupport.

For maximum Bluetooth security, always connect Bluetooth devices in a safe, private environment.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

Reconnect devices

To **automatically reconnect** your phone with a paired device, simply turn on the device.

To **manually reconnect** your phone with a paired device, tap the device name in the **My device** list.

Disconnect devices

To **automatically disconnect** your phone from a paired device, simply turn off the device.

To **manually disconnect** your phone from a paired device, tap the device name in the **My device** list.

Manage your life

stay on top of things

Calendar

Find it:  >  **Organiser > Calendar**

To view your calendar in different ways, tap **Options > Jump to date** or **Go to weekly view**.



Add calendar events

From any calendar view, tap **Options > Add event > Reminder** or **Meeting** or **Course**. Enter event details and tap **Done > Yes**.

Edit calendar events

To edit an event, tap **Options > View > Edit**. Edit event details, then when you've finished, tap **Done > Yes**.

Tasks

Find it:  >  **Organiser > Tasks**

To add a task, tap **Add > Date** or **Call** or **Anniversary**.

Alarm

Find it:  >  **Organiser > Alarm**

To turn on an alarm, tap the tick box, scroll to **On** and tap **Done**.

When an alarm sounds, tap **Stop** to turn it off or **Snooze** to delay.

To set a snooze period, tap the alarm, then tap **Edit > Snooze (min)**.

To set FM radio as your alarm, tap the alarm, then tap **Edit > Alarm tone > FM radio**.

World clock

Find it:  >  **Organiser > World clock**

See the current time in cities around the world.

To set the clock to allow for daylight saving time, tap **Options > Daylight saving time for foreign city > On** or **Off**.

Calculator, currency converter & stopwatch

Find it:  >  **Extra**

Just tap to open the **Calculator**, **Currency converter** or **Stopwatch**.

File manager

Find it:  >  **File manager**

Tap **Phone** or **Memory card** to view your folders. Tap **Options** to **Open**, create **New folder**, **Rename**, **Delete** and more.

Flight mode






Find it:  >  **Settings** > **Phone setup** > **Flight mode**

Use flight mode to turn off all your wireless connections—useful when flying.

Note: When you select flight mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in flight mode. Emergency calls to your region's emergency number (e.g. 999) can still be made.

Tips & tricks





a few handy hints

To...	
Return to home screen	Tap End  .
See all call details	Tap  > Call centre > Call history .
Create a new contact in your phonebook	Tap  , enter a phone number, tap Options > Save to Phonebook .
Adjust sound volume	From the home screen, press the up/down volume keys.
Set main menu scroll effect	Set the effect when you press volume keys to scroll through the main menu: Tap  >  Settings > Phone setup > Display > Main menu effect .

Battery tips

Want to extend your battery life? Try these:

- Turn off Bluetooth™ power: Tap  >  **Settings** > **Connectivity** > **Bluetooth** > **Power**

- Reduce the time your phone display stays on:
Tap  >  **Settings** > **Phone setup** > **Misc. settings** > **LCD backlight** and set **Time (sec)** to a lower setting.
- Turn off the screen saver: Tap  >  **Settings** > **Phone setup** > **Display** > **Screen saver**, set **Style** to **Off**, tap **Done**.


Personalise

add your personal touch

Add widgets

- 1 Find an empty spot on your home screen where you want to add a widget. You can flick left or right to see other panels on your home screen.
- 2 Tap and hold the empty spot until you see the **Add widget** menu.
- 3 Tap a widget, such as **Analogue clock**, **Date**, **Memo**, **Slide show**, **Audio player** and more.
- 4 Tap **OK**.

To move a widget, tap and hold it, then drag the widget where you want it.

To delete a widget, drag it to the bin .

Profiles

Your phone has different profiles. You can customise ringtones, alerts and volumes for each profile.

Find it:  >  **User profiles**

You can select these profiles:


- **General:** Standard profile default setting.
- **Meeting:** Ringtone is off, vibrate is on.


- **Outdoor:** Ringtone and key tone volume set to maximum.
- **Indoor:** Vibrate is off, ringtone is on.
- **Silent:** Ringtone and key tone volume set to off.
- **Headset:** Adjust settings for when a wired headset is plugged into your phone.
- **Bluetooth:** Adjust settings for when a Bluetooth headset is connected to your phone.

To **change** a profile's settings, tap **Options** > **Customise**. You can adjust these settings:

- **Tone settings:** Set the ringtones for incoming calls, messages, key tones and other events.
- **Volume:** Set the volume of ringtones and key tones.
- **Alert type:** Set to **Ring only**, **Vib. only**, **Vib. and ring**, **Vib. then ring**.
- **Ring type:** Set to **Single**, **Repeat**, **Ascending**.
- **Extra tone:** Play an extra tone for **Warning**, **Error**, **Camp on** or **Connect**.


Display settings

To set display settings, such as wallpaper, screen saver, interactive screen and more, tap  >

 **Settings** > **Phone setup** > **Display**.

Time & date

Set date, time, time zone and formats:

Find it:  >  **Settings > Phone setup > Time and date**

Language

Set menu language:

Find it:  >  **Settings > Phone setup > Language**

Text entry

think keyboard, now think smaller

When you select a text entry option, your phone opens a touchscreen keypad.

To **change** the keypad text entry mode, tap **Options** > **Input method**. You can select **Handwriting** or **Other input method** which includes:

- **ABC**: Enter capital letters in the text field.
- **abc**: Enter lowercase letters in the text field.
- **Numeric**: Enter numbers in the text field.
- **Insert symbol**: Select a symbol to insert.

To **delete** letters to the left of the cursor, tap .

To **enter a space**, tap .


To **enter symbols**, tap .

Photos

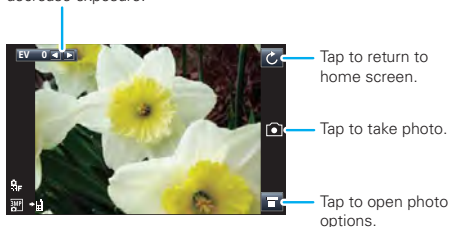
see it, capture it, share it!

Take & share photos


Take that family photo and send it to everyone.


Find it: Press Camera 

Tap to increase/
decrease exposure.




Note: **Image size** is 3MP, unless you change it.


To take the photo, press Camera . Your photo is shown in the viewfinder.

Tap  in the viewfinder, then:

- To **send** the photo in a message, email or via Bluetooth, tap **Forward**.
- To **edit** the photo, tap **Photo editor**.

- To **delete** the photo and return to the viewfinder, tap **Delete**.

To **see photos** you've taken, go to the camera viewfinder screen and tap  > **Switch to** > **Photo album**.

To **record a video**, go to the camera viewfinder screen and tap  > **Switch to** > **Video recorder**.

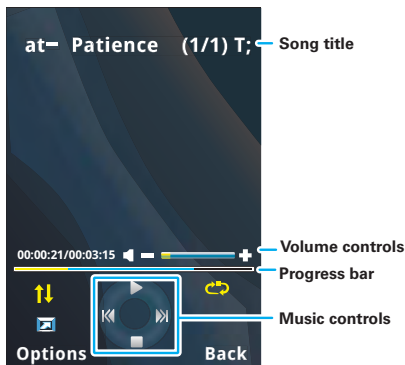
Media player

when music is what you need...







Media player

Tap, tap, play—instant music. Just open your media player and select a playlist.


Find it:  >  **Multimedia > Media player > My playlists**




Media player controls



controls	
play/pause	Tap  /  .
previous/next	Tap  /  .
fast forward/rewind	Tap & hold  /  .
volume	Press the side volume keys.

Hide and turn off

Press End  to use another app. Your media continues to play. If you use **Games** or **FM radio** the media player is turned off.

To turn off your media, tap .

Playlists

To create a new playlist, tap  >  **Multimedia** > **Media player** > **My playlists** > **Options** > **Create playlist**.

To add a song or video to a playlist, open the playlist, then tap **Options** > **Add**.

To delete or rename playlists, tap **Options**.

Radio

news and music on the go


Listen to news and music anywhere, for free.

Find it:  >  **Multimedia > FM radio**

Note: The FM radio only works when a headset is plugged in.

To tune stations, tap **Options > Auto-search**.

To change the volume, press the side volume keys.

To turn off the radio, tap .

Use radio presets

To **go to** a preset station, tap **Options > Channel list**, then the channel number.

Security

help keep your phone safe



Codes & passwords

Find it:  >  **Settings > Security settings > Change password.**

You can change your SIM card **PIN** and **PIN2** codes.


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

Lock touchscreen & keys

Find it:  >  **Settings > Security settings > Auto keypad lock > None, > 5 sec, 30 sec, 1 min or 5 min**

You can lock your phone's touchscreen and keys to prevent unwanted phone operations.

Your phone automatically locks the touchscreen and keys when no activity is detected for the specified interval.

To **unlock** the touchscreen and keys, press Power/Lock  and follow the screen instructions.

Troubleshooting

we're here to help



Crash recovery

In the unlikely event that your phone stops responding to taps and key presses, try a quick reset. Remove the back cover and battery ("Assemble & charge" on page 4), then replace and turn on your phone as usual.

Reset

Reset default factory settings on your phone.

Caution: This option erases all information you have entered (including contacts and calendar entries) and content you have downloaded (including pictures, videos and music files) stored in your phone's memory. After you erase the information, you cannot recover it. This option does not delete SIM card or memory card information.

Find it:  >  **Settings** > **Restore factory settings**, then enter "1234".

Safety, regulatory & legal

Battery use & safety

Important: Handle and store batteries properly to avoid injury or damage.

Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred or otherwise attempt to change the form of your battery.**
- **Don't let the mobile device or battery come into contact with water.***
Water can get into the mobile device's circuits, leading to corrosion. If the mobile device and/or battery get wet, get them checked by your service provider or contact Motorola, even if they appear to be working properly.*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewellery, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** Excessive heat can damage the mobile device or the battery. High temperatures can cause the battery to swell, leak or malfunction. Therefore:
- **Don't dry a wet or damp battery with an appliance or heat source**, such as a hair dryer or microwave oven.

DOs

- **Do avoid leaving your mobile device in your car in high temperatures.***
- **Do avoid dropping the battery or mobile device.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged by being dropped or by high temperatures.**

* **Note:** Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection),

Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends that you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid battery** or **Unable to charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorised service centre.

Important: Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it also benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the web:

- www.motorola.com/recycling
- www.rbr.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling centre or national recycling organisations for more information on how to dispose of batteries.



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

Battery charging

Notes for charging your product's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.

- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Driving precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:

- Type or read texts.
- Enter or review written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a hands-free device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart practices while driving" in this guide and at www.motorola.com/callsmart (in English only).

Seizures/blackouts

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

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

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. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour and stop use if you are tired.

Caution about high volume usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected.



To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears or muffled speech, you should stop listening to the device through your headset or headphones and get your hearing checked.

For more information about hearing, see our website at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive motion

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

[Nov0109]

Small children

Keep your mobile device and its accessories away from small children.

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

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.

Operational warnings

Obey all posted signs when using mobile devices in public areas.





Potentially explosive atmospheres



Areas with potentially explosive atmospheres are often, but not always, posted and can include fuelling areas, such as below decks on boats, fuel or chemical transfer or storage facilities or areas where the air contains chemicals or particles, such as grain dust or metal powders.

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

Symbol key

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

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.

Symbol	Definition
	For indoor use only.
	Listening at full volume to music or voice through a headset may damage your hearing.

Radio Frequency (RF) energy

Exposure to RF energy

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

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

RF energy operational precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimetres (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at: www.motorola.com.

RF energy interference/compatibility

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

Follow instructions to avoid interference problems

Turn off your mobile device in any location where posted notices instruct you to do so.

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

Implantable medical devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your doctor before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

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

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your health care provider.

Specific absorption rate (ICNIRP)

Your model wireless phone 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 organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health, and to account for any variations in measurements. The guidelines use a unit of measurement known as the Specific absorption rate (SAR). The ICNIRP SAR limit for mobile devices used by the general public is 2 watts per kilogram (W/kg), and the highest SAR value for this mobile device when tested at the ear is 0.82 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this guide. In this case, the highest tested SAR value is 0.722 W/kg. The tests are carried out in accordance with international guidelines for testing. The SAR information includes the Motorola testing protocol, assessment procedure and measurement uncertainty range for this product. As SAR is measured utilising the mobile device's highest transmitting power, the actual SAR of this mobile device while operating is typically below that indicated above. This is due to automatic changes to the power level of the mobile 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 mobile devices and at various positions, they 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 Organisation 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 device away from the head and body.

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

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 hands-free devices to keep mobile phones away from your head and body."

Source: WHO fact sheet 193

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

European Union directives conformance statement

CE 0168

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



Product
approval
number

The above gives an example of a typical product approval number.

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

FCC notice to users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo and/or an FCC ID in the format FCC ID:xxxxxx on the product label.

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

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

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

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

Smart practices while driving

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, hands-free use only may be required. Go to www.motorola.com/callsmart (in English only) for more information.

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

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a hands-free device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola original hands-free accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking to aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 999 or another local emergency number in the case of fire, traffic accident or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see a road accident, crime in progress or other serious emergency where lives are in danger, call 999 or another local emergency number (wherever wireless phone service is available), as you would want others to do for you.

- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or another special non-emergency wireless number (wherever wireless phone service is available).

Privacy & data security

Motorola understands that privacy and data security are important to everyone. Given that some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card and phone memory. Be sure to remove or clear all personal information before you recycle, return or give away your device. You can also back up your personal data to transfer to a new device.

Note: For information on how to back up or wipe data from your mobile device, go to www.motorola.com/support

- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account and how to use security features such as remote wipe and device location (where available).
- **Applications**—Install third party applications from trusted sources only. Applications can have access to private information such as call data, location details and network resources.

- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones that are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola and other third parties providing services.
 - **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.
- If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Use & care

To care for your Motorola phone, please observe the following:



liquids

Don't expose your mobile device to water, rain, extreme humidity, sweat or other liquids. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



microwaves

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

**dust and dirt**

Don't 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.

**shock and vibration**

Don't drop your phone.

**protection**

To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

Recycling

Mobile devices & accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets or batteries) with your household waste or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola approved service centre in your region. Details of Motorola-approved national recycling schemes and further information on Motorola recycling activities can be found at:

www.motorola.com/recycling

Packaging & product guides

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

Software copyright notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant, either directly or by implication or estoppel or otherwise, any licence under the copyrights, patents or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

Content copyright

The unauthorised copying of copyrighted materials is contrary to the provisions of the copyright laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright or materials which you are authorised or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Service & repairs

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Centre on 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired) or 1-800-461-4575 (Canada).

WARRANTY INFORMATION

Motorola guarantees to you, the original purchaser, the Personal Communicator and accessories which you have purchased from an authorised Motorola dealer (the "Products"), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a different period of time from date of purchase of the Product(s) (warranty term).

The warranty period starts at the time of the original purchase of the Product(s) by the first end-user. The Product may consist of several different parts and different parts may be covered by a different warranty period (hereinafter "Warranty Period"). The different Warranty Periods are:

- a) Twelve (12) months for the Personal Communicator and for accessories (whether included in the Product sales package or sold separately) other than the consumable parts and accessories listed in (b) and (c) below;
- b) Six (6) months for the following consumable parts and accessories: batteries, and
- c) Ninety (90) days for the media on which any software is provided e.g. CD-ROM, memory card.

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, and must immediately submit the Product for service to Motorola's Authorised Repair or Service Centre. Motorola shall not be bound by Product-related statements not directly made by Motorola nor any warranty obligations applicable to the seller.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola Personal Communicator and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

In no event shall Motorola be liable for damages nor loss of data in excess of the purchase price nor for any incidental special or consequential damages¹ arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

HOW TO GET WARRANTY SERVICE?

In most cases the authorised Motorola dealer which sold and/or installed your Motorola Personal Communicator and original accessories will honour a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service, please contact either the customer service department of your service provider or go to <http://www.motorola.com/support/warrantyselector>.

Where, in the Country of purchase, there is a statutory requirement to provide extended repair service to consumers beyond the first year of purchase (South Africa and Portugal), this warranty will be provided by Motorola Authorised Service Centres or Motorola directly appointed dealers in the country of purchase according to the terms of this warranty information document. However, please note that you will be referred back to the place of purchase, if the Motorola Dealer has purchased the product directly from Motorola, in the country of purchase or in a country where Motorola is not required to support supplementary repair service during the second year of purchase because of the statutory obligations that may apply to the seller or importer of the product, but not to the manufacturer, to provide an extended warranty to consumers beyond the first year.

¹ including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

CLAIMING

In order to claim the warranty service, you must return the Personal Communicator and/or accessories in question to Motorola's Authorised Repair or Service Centre in the original configuration and packaging as supplied by Motorola. Please avoid leaving any supplementary items like SIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of operator and a description of the problem. In the case of vehicular installation, the vehicle in which the Personal Communicator is installed should be driven to the Authorised Repair or Service Centre, as analysis of any problem may require inspection of the entire vehicular installation.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The phone should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

You must ensure that any and all repairs or servicing is handled at all times by a Motorola Authorised Service Centre in accordance with the Motorola Service requirements.

In some cases, you may be requested to provide additional information concerning the maintenance of the Products by Motorola Authorised Service Centres only, therefore it is important to keep a record of any previous repairs, and make them available if questions arise concerning maintenance.

CONDITIONS

This warranty will not apply if the type or serial numbers on the Product have been altered, deleted, duplicated, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation can not be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include reflashing of software, the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, batteries, or boards are warranted for the balance of the original warranty time period. The Warranty Term will not be extended. All

original accessories, batteries, parts, and Personal Communicator equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories, batteries or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honour any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal Communicator, accessories, software applications and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories, software applications and peripherals are not manufactured and supplied by Motorola.

WHAT IS NOT COVERED BY THE WARRANTY

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorised persons.

The following are examples of defects or damage not covered by this product warranty:

- 1 Defects or damage resulting from use of the Product in other than its normal and customary manner.
- 2 Defects or damage from misuse, access to incompatible sources, accident or neglect.
- 3 Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorised software applications or any alteration or modification of any kind.
- 4 Breakage or damage to antennas unless caused directly by defects in material or workmanship.

- 5 Products disassembled or repaired other than by Motorola in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- 6 Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.
- 7 Defects or damage due to moisture, liquid or spills of food.
- 8 Control unit coil cords in the Product that are stretched or have the modular tab broken.
- 9 All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
- 10 Leather cases (which are covered under separate manufacturer's warranties).
- 11 Products rented on a temporary basis.
- 12 Periodic maintenance and repair or replacement of parts due to normal wear and tear.

Note: The talk-time, stand-by time and total life cycle of a Motorola rechargeable battery for your Personal Communicator will depend on usage conditions and network configurations. As a consumable product, the specifications indicate that you should be able to obtain optimum performance for your Motorola Personal Communicator within the first six months from date of purchase and up to (200) charges (Optimum performance time).

The warranty for Motorola rechargeable batteries becomes void if (i) the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, (iii) the battery is used in equipment or service other than the cellular telephone equipment for which it is specified.

Depending on operating conditions and your usage habits, wear and tear might take place of components including mechanical problems related to Product housing, paint, assembly, sub-assemblies, displays and keyboards and any accessories which are not part of the Product's in-box configuration. The rectification of faults generated through wear and tear and the use of consumable items like batteries beyond their Optimum Performance Time as indicated in the product manual is considered to be your responsibility and therefore Motorola will not provide the free Warranty repair service for these items.

INSTALLED DATA

Please make and retain a note of all data you have inserted into your Product for example names, addresses, phone numbers, user and access codes, notes etc. before submitting your Product for a Warranty service as such data may be deleted or erased as part of the repair or service process.

Please note if you have downloaded material onto your Product, for example, ring tones, ring tunes, screensavers, wallpaper, games etc. these may be deleted or erased as part of the repair process or testing process. Motorola shall not be responsible for such matters. The repair or testing process should not affect any such material that was installed by Motorola on your Product as a standard feature.

OUT OF WARRANTY REPAIRS

If you request Motorola to repair your Product any time after the Warranty term or where this warranty does not apply due to the nature of the defect or fault, then Motorola may at its discretion carry out such repairs subject to you paying Motorola its fees for such a repair or it may refer you to an authorised third party to carry out such repairs.

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www.hellomoto.com

Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply.

Contact your service provider for details.

All features, functionality and other product specifications, as well as the information contained in this guide, are based upon the latest available information and 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.

Product ID: Motorola EX122

Manual number: 68004133006

accessories



more information



GOTO

accessories: www.motorola.com

guides: www.motorola.com/support



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