

MOTO[™] EM330

Getting Started Guide

congratulations!

The **MOTO™** EM330 does it all. Use the music player or radio to listen to the newest, hottest songs. Or take photos and video clips and send them to your friends. All this while you're still connected — take or make calls or exchange messages.

We've crammed all of the main features of your phone into this handy guide and in a matter of minutes we'll show you just how easy your phone is to use. So go on, check it out. Browse the menus and press • to see more. You may be surprised at what you discover.

If you'd like even more information about how to use your new **MOTO™** EM330, visit **www.motorola.com/support/ FM330**

Note: Before using the phone for the first time, review the *Important Safety and Legal Information* in the back of this guide. Periodically review this information so you remember how to safely use your phone.

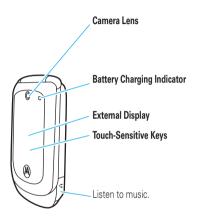
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phone layout



phone layout



menu map





- · Received calls
- Dialled calls
- NotePad
- Call timesData times
- Data times
 Data volumes

Messages

- Create
 - Inbox
 - DraftOutbox
- Quick notes
- Voicemail
- Browser msgs
 Info services
- MMS templates

Extras

- Calculator
- MyMenu
- Alárm clock
- Stop watch
- Chat *
- Dialling services*
- CalendarPhone Inspector
- Games & Apps

WebAccess

- Start browser
 - Web shortcut
- Go to URLWeb session
- Stored pages
- History
- General setting

Multimedia

- Camera
- PicturesSounds
- Music
- FM radio
- Video CameraVideos

Personalise

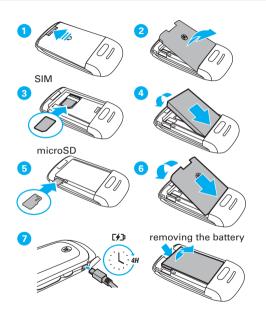
- Home screen
 - Main menu
 - Colour Setting
 - GreetingWallpaper
 - Screensaver
- Quick dial



* Network Dependent

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

let's go



basics

here's a few essential basics:



turn it on & off

Press and hold of for a few seconds to turn the phone on/off.

menu navigation



Press the centre key •• to open the Main Menu.



Press the navigation key � up, down, right or left to highlight a menu option.



Press • or **Select** to select the highlighted option.

calls

it's good to talk



make a call

Enter a number and press 6.



answer a call

When your phone rings or vibrates, press .



end a call

Press 💿.

redial a number

- From the home screen, press to see a list of recently dialled calls.
- Scroll to the entry you want to call and press .

calls

emergency calls



To call an emergency number, enter the emergency number and press .

Your service provider programmes emergency phone numbers, (such

as 999, 112 or 911), that you can call under any circumstances, even when your phone is locked.

Emergency numbers vary by country. Your phone's 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.

go hands-free

To turn the speaker on or off during a call, press **•** Spkr on or Spkr off.

Tip: Plug in an optional 3.5 mm wired or Bluetooth® headset to go hands-free.

calls

in-call menu

During a call you can access the in-call menu by pressing

- **4∳**►:
 - My tel. numbers view your phone number.
 - Mute or Unmute silence your microphone.
 - Hold or Unhold hold the call.
 - Use Bluetooth turn Bluetooth on or off.
 - New call make another call.
 - Contacts access list of contacts.
 - Dialled calls view recently dialled calls.
 - Received calls view recently received calls.
 - Messages access your messages menu.

contacts

made a new friend?

save a contact

- Enter the number on the home screen and press
 Store
- 2 Enter the contact details and press Done.

call a contact

- 2 Scroll to the entry.
- 3 Press 0.

add a ringtone for a contact

- ◆ Press ◆ > ▼ Contacts.
- 2 Scroll to the entry.
- Press ♠ > Edit.
- Press Sound and select a ringtone.
- 6 Press Done.

customise

go ahead, add your personal touch...

home screen shortcuts

Find it: ♠ > Personalise > Home screen > Home keys

options	
Icons	Show or hide the home screen shortcut icons.
Up, Down, Left, Right	Choose the features that open when you press the navigation key $(\dot{\Phi})$ up, down, left or right in the home screen.
Right soft key	Choose the feature that opens when you press the <i>right soft key</i> .
Smart key	Choose the feature that opens when you press the <i>smart key</i> .

customise

set wallpaper, screensaver & colour setting

Change the wallpaper, screensaver and colour style to set the look and feel of your phone's display.

Find it: • > Personalise > Wallpaper, Screensaver or Colour Setting

set ringtone & volume

There are times when you want to hear your ringtone and there are times when you don't.

Find it: ♦ > **Settings** > Ring style

Choose from the pre-programmed styles, including Vibrate and Silent

open to answer

Answer your phone by opening the flip.

Find it: •• > ***** Settings > In-call setup > Answer options > Open to answer

customise

MyMenu

Create a custom menu of your favourite phone features and tools.

assign an item to MyMenu

- Press then scroll to a desired menu or submenu item. For example, if you want to assign the Messages menu to MyMenu, scroll to the messages icon (♥) on the main menu.
- With the desired option highlighted, press and hold • until the MyMenu confirmation appears, then select OK.
- Press Done to accept the assigned key number or scroll to Key: and press Change to assign a different one.

use MyMenu

From the home screen, open the main menu then simply press the number key you assigned to the feature. For example, if you assigned Messages to 2, press

shortcuts

some quick access shortcuts from the home screen

options	
play music (phone open)	Press d to activate the music player.
play music (phone closed)	Press the external <i>music key</i> to activate the music player. You can use the touch-sensitive keys to control music.
silence ringtone	Press either side volume key when your phone rings.
voicemail	Press and hold 1.
dialled calls	Press 🚺.
change ring style	Press and hold ## to change between vibrate and the set ring style.
phone shortcuts	Press •�• up, down, left or right.

messages

sometimes it's better 2 say it in a message

create & send a message

- Press
 Pr
- 2 Select a message type and enter the message text (see page 19).
- 3 To insert a picture, sound or other object, press Insert.
- When you finish the message, press OK. Choose one or more people to send to and press Send.

receive a message

Press **Read** to read the message immediately or **Exit** to save it in your message inbox for viewing later.

Find it: □ > Inbox

voicemail

When you **receive** a voicemail message, your phone shows an indicator and **New voicemail message**. Press **Call** to call your voicemail and follow the prompts.



messages

enter text

When you are in a text entry screen, press # to switch text entry modes:

- tap (Ab) Standard method for entering text on your phone. Regular Tap method cycles through the letters and numbers of the key you press.
- iTAP™ (凹) Combines your single key presses and predicts each word as you enter it. If the word is not correct, press �� right or left to scroll through the possible combinations.
 - tap extended (ab1) Enter letters, numbers and symbols by pressing a key one or more times.

Press to enter a space and move on the next word.

Press to enter punctuation. Press to switch capitalisation modes if you need to (although in most cases this is done for you).

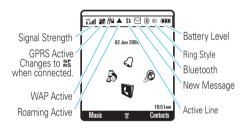
To assign Primary or Secondary text entry mode:

In a text entry screen, press • > Entry setup > Primary setup or Secondary setup.

status indicators

to keep you updated at all times

Status indicators can appear across the **top of the home screen** (your phone's home screen may be different than the one shown):



Some indicators can also appear on the **external display** (such as, signal strength, incoming call, new message, bluetooth and battery level).

set up music

when music is what you need...

what music transfer tools do I need?

To put music on your computer and then load it on your phone, you need:

- MicrosoftTM WindowsXPTM or Windows VistaTM PC
- USB data cable (may be sold separately).

do I need a memory card?

Your phone does have 20 MB of internal memory, but it also supports removable microSD memory cards with up to 2 GB capacity, allowing you to store much more data.

Note: Motorola approved SanDisk cards are recommended for cards greater than 1 GB.

See "USB & memory card" on page 39 for more information on memory cards.

set up music

what music file formats can I play?

Your phone can play many types of files: AAC, AAC+, eAAC+, MIDI, MP3, RA, WAV and WMA.

do I need a USB cable?

To load music from a computer to your phone, you must use a USB data cable, which may be sold separately from your phone.

Note: If you have a removable memory card and a memory card reader, you don't need a cable. See "PC to memory card reader" on page 26.

what headphones can I use?

Your phone has a 3.5 mm headset jack for wired stereo listening. Or, go wireless and use optional Bluetooth stereo headphones to listen to your music (see "use a headset or car kit" on page 36 for more information).

get your favourite songs...

rip a CD

Not literally — if you're new to music, this means transferring music from an audio CD to your PC.

To rip an audio CD on your PC, you need Windows Media Player version 10 or later. You can download Windows Media Player from **www.microsoft.com**.

- On your computer, launch Windows™ Media Player.
- 2 Insert an audio CD into your computer's CD ROM drive.

Note: Make sure you change the format to MP3, AAC, MIDI or WMA in the Rip Settings. (MP3 is the recommended format for best performance.)

- In the Windows Media Player window, click on the "Rip" tab.
- Highlight the songs you want to import and click "Rip Music".

The songs are imported to the Windows Media Player Library. Next, transfer the songs from your computer to your phone.

transfer music to your phone

Transfer files from a computer to your phone or removable memory card.

PC to phone

To load files from a **PC to your phone**, you need a USB cable.

With a memory card inserted and your phone in the home screen, insert the USB cable in your phone and your Windows PC.

Note: Your phone supports Microsoft[™] Windows[™] XP[™] and Windows Vista[™]. Other operating systems may not be compatible with your phone.

On your phone, press Yes to connect your phone as a storage device.

Note: See "USB & memory card" on page 39 for more information on transferring music to your phone.

Now that you've connected, use **USB drag and drop** to copy your music.

Drag and drop

- Use the My Computer window to find Removable Device. The "picture," "video," "java" and "music" folders are automatically available.
- 2 Drag and drop your music, photos, videos and other items that you want to copy into the "picture", "video", "java" and "music" folder.

Note: You can select **EM330 Mobile** (internal memory) but your memory card has a lot more space for your music.

When you're done, use the **Safely Remove**Hardware feature on the computer to finish.

PC to memory card reader

Insert your memory card into the card reader (you may first need to insert the card into an adapter that fits into the card reader). Then, insert the card reader into an available USB port on your computer.

- On your Windows PC, open "My Computer" and click on the "Removable Disk" icon to access your phone's memory card.
- 2 In the "Removable Disk" (memory card) window, create one or more folders for the files you will copy onto the memory card.

A file name (including the path) must be less than 255 characters. For example, if you copy songs into a folder you create that is named "MyMotoSongs," the name of any song PLUS the name of the folder "MyMotoSongs" must be less than 255 characters.

Warning: The "picture", "video", "java" and "music" folders are used by your phone. Do not delete these folders.

- Orag and drop desired files into a folder in the "Removable Disk" (memory card) window. Do not copy files to the main directory.
- When finished, disconnect by clicking on the "Safely Remove Hardware" icon in the system tray on your computer screen, selecting "USB Mass Storage Device" and selecting "Stop"

listen to your favourite songs...

Find it: 🗇

Tip: Connect a stereo or Bluetooth® headset for high quality music playback.

music player controls

functions	
scroll through song list	Before music playback, press 🂠 up or down.
play	Press ·•• or Play .
pause/resume	Press ·•••.
fast forward	Press & hold 💠 right.
next song	Press ∙Ô • right.
rewind	Press & hold 🗘 left.
previous song	Press 🗘 left.
turn off	Press ①.

Note: Press the side volume keys to change volume.

touch-sensitive music keys

Once the music player is displayed you can close the phone and control playback using the touch-sensitive keys on the external display.

function	
play or pause	Press ▶II
next song	Press ≫ I
last song	Press K ◀

playlists

Find it: ♠ > ❷ Multimedia > Music > Playlists

- To create a new playlist press New playlist.
- To edit an existing playlist, scroll to the playlist and press .
- To play a playlist, scroll to the playlist and press Options > Play.

music playlist options

option	
Play	Play a song or playlist.
New playlist	Add a new playlist.
Delete Playlist	Remove an existing playlist.
Apply to Playlist	Add a song to an existing playlist.
Save Playlist As	Save your current playlist as a different name.
Rename	Change the name of playlist.
Reorder	Change the order of your songs.
Search	Search for a song title or keyword.
Music store	Open the music store.
Setup	Change settings, such as, Auto repeat, Shuffle and Equaliser.

option	
View free space	Shows the Free, Used, Total and Tracks on your storage device.

wake up music player

While the music player is active, your phone will conserve battery power by turning off the external display.

To turn the external display back on, press anywhere on the external display.

turn off music player

To turn the music player off, press 🗿

music player tips

If you receive a call while playing music, the music pauses. You can **Ignore** the call and send the caller to voicemail or **Answer** the call. Music play resumes when you end the call.

To hide your music player while a song is playing, press **Options** > **Hide**. While the music player is hidden, you can use other phone features. Using applications (such as games or FM radio) turns the music player off.

You can also play music from the \diamondsuit > A Multimedia > Music and Sounds menus, see your *User Guide* for details.

FM radio

listen to your favourite news or music program

Find it: ♠ > ❷ Multimedia > FM radio

To use the RDS **FM radio**, you need to connect a stereo headset to the 3.5 mm headset jack.

- Press • left or right to change the frequency.
- Press the up or down volume keys on the side of the phone or press •Q• up or down to adjust the volume.
- Press Options > Mute to mute the radio.

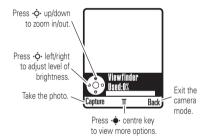
use the radio presets

- Tune in the desired frequency by pressing •ô• left or right or press Options > Scan to scan for all available radio stations. You can also use the keypad keys to enter a frequency by pressing Options > Set frequency.
- Press and hold a number key to save that number as the preset.
- To select the preset station, press the keypad number.

photos

see it, capture it, send it!

take & send a photo



- Press Capture to take the photo.
- Press Store > Send in message to send the photo in a message.



Note: Before taking your photo, you can press •• to open the pictures menu. From here you can access features, such as **Auto-timed capture**, **Auto-Save** and **View free space**.

videos

see it, believe it, share it!

record & send a video

- Press Press
- Press to start or pause recording.
- Press Stop (left soft key) to stop recording and open the Options menu:

options	
Save	Saves the video in the Videos menu.
Discard	Discard the video and return to viewfinder.
Preview	Play the video without saving.
Send	Send your video in a message or via Bluetooth®.

Bluetooth®

lose the wires and go wireless

Your phone supports Bluetooth wireless connections with audio devices, such as a hands-free headset or music system.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

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

use a headset or car kit

Before you try to connect your phone with a headset, car kit or other audio device, make sure the device is on and ready in *pairing* or *bonding* mode (see the user guide for the device).

Find it: • > Settings > Bluetooth Link >



Bluetooth®

If Bluetooth is switched off, you will be prompted to turn it on. Your phone now lists the devices it finds within range:

- 2 If necessary, press Yes or OK to connect to the device.
- 3 If necessary, enter the device passkey (such as 0000) and press OK.

When your phone is connected, the Bluetooth indicator is highlighted in the status bar and displayed on the external display of the phone.

Shortcut: When your phone's Bluetooth power is on, your phone can automatically connect to a hands-free device you have used before. Just turn on the device and move it near the phone. If the device doesn't connect, turn it off and back on.

personal organiser

stay on top of things with these handy features

add & view calendar event

Find it: •• > ► Extras > Calendar

Scroll to the desired day and press ••, then scroll to New and press Select to add or scroll to the event and press Select to view.

Note: When an event reminder occurs, press • to view it. Press Exit to dismiss it.

set alarm

Find it: • >

Extras > Alarm clock

Tip: To set the FM radio as your alarm select Alert > Radio from the Alarm Method menu.

calculator

Find it: ♠ > ♠ Extras > Calculator

Note: To convert currency, enter your currency figure, press •• and select Exchange rate. Select Convert currency to calculate your new currency figure.

USB & memory card

connect your phone and PC, then drag & drop.

format

You need to format a memory card, **using the phone**, before using it for the first time. This creates the necessary folders and ensures your phone can read the contents of the card. Your phone will prompt you if you need to format your memory card.

Note: Your phone may not play MP3 files that have a bit rate higher than 320 kbps. If you try to download or play one of these files, your phone may display an error message or ask you to delete the file.

Caution: Formatting the memory card erases all content on the card.

drag & drop

Note: Please download the USB charging driver onto your PC, at **www.motorola.com/support**.

USB & memory card

• With a memory card inserted and your phone in the home screen, insert the USB cable in your phone and your Windows PC.

Note: Your supports Microsoft[™] Windows XP[™] and Windows Vista[™]. Other operating systems may not be compatible with your phone.

- 2 On your phone, press Yes to connect your phone as a storage device.
- Use the My Computer window to find Removable Disk (memory card) or EM330 Mobile (phone memory).

Note: When your phone is plugged into a PC and is being used as a mass storage device, it cannot be used for anything else, including, making emergency calls. To restore the phone to normal use, disconnect it from the PC.

Drag and drop your music, sounds, pictures, videos and other items that you want onto the memory card.

A music, sound, picture or video file name (including the path) must be less than 255 characters.

USB & memory card

For example, if you copy songs into a folder you create that is named "MySongs," the name of any song file **plus** the name of the path "\sound\MySongs" must be less than 255 characters

5 Use the **Safely Remove Hardware** feature to finish.

web access

you don't need a PC, surf the web with your phone

Find it: ♠ > WebAccess

feature	
Start browser	Open the Web browser.
Web shortcut	Access a preset shortcut to a Web page.
Go to URL	Enter a Web page URL.
Web session	Access a stored Web session.
Stored pages	Access your stored pages.
History	Access a list of recently viewed Web sites.
General setting	Clear history, reset cache, clear cookies or enable progressive downloads.

security

help to keep your phone secure

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234** or to the last four digits of your phone number. The six-digit **security code** is originally set to **000000**.

To change a code or password:

Find it: ♠ > ❤ Settings > Security > New passwords

lock & unlock phone

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

Find it: •• > ****** Settings > Security > Phone lock > Lock now or Automatic lock

Enter the four-digit unlock code and press **0K**. Your phone first displays **Phone locked** and then shows **Enter unlock code:** until the next time you unlock your phone.

To unlock your phone, enter your four-digit code and press **OK**.

Legal and Safety Information

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device. ¹

Exposure to Radio Frequency (RF) Energy

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

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

Operational Precautions

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

External Antenna Care

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

¹ The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2007.

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

Product Operation

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

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

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

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems Turn off your mobile device in any location where posted notices instruct you to do so.

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

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.

Driving Precautions

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

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue use if you cannot concentrate on driving.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.
- Do not place a mobile device in the airbag deployment area.
 Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola web site:
 www.motorola.com/callsmart.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

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
\triangle	Important safety information follows.
8	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 throw your battery or mobile device in a rubbish bin.

Symbol	Definition
⊝Li lon BATT ⊕	Your mobile device contains an internal lithium ion battery.
*	Do not let your battery, charger or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries and Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage or other hazard. For more information, see the "Battery Use & Battery Safety" section in this user's Guide.

Choking Hazards

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

Glass Parts

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

Seizures/Blackouts

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

occur even it a person has never had a previous seizure or blackout. If you have experienced seizures or blackouts or if you have a family history of such occurrences, please consult with your doctor before playing video 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 very tired.

Caution About High Volume Usage



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

Repetitive Motion

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

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:xxxxxxx 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:

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

Use and Care

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



liquids of any kind

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



the ground

Don't 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/FC
- All other relevant EU Directives



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.

OPEN SOURCE SOFTWARE INFORMATION

This Motorola mobile device may contain portions of UCL RTP STACK open source software package.

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This Motorola mobile device may contain portions of EXPATH - XML PARSER TOOLKIT open source software package.

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Caring for the Environment by Recycling



This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets or batteries) with your household waste. 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.

Disposal of your Mobile Device Packaging and User's Guide

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

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 phone or battery come in contact with water.
 Water can get into the phone's circuits, leading to corrosion. If
 the phone and/or battery get wet, have them checked by your
 carrier 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 jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- Don't place your battery near a heat source. Excessive heat
 can damage the phone or the battery. High temperatures can
 cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.

DΩs

- Do avoid dropping the battery or phone. Dropping these items, especially on a hard surface, can potentially cause damage.
- Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.

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 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 Charne. 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 retry charging it;
 - If the message remains, contact a Motorola Authorized Service Center

Important: Motorola's warranty does not cover damage to the phone 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 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.rbrc.org/call2recycle/ (in English only)

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



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

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.8 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 user guide. 2 In this case, the highest tested SAR value is 0.31 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.

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.

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

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 keen the mobile phone away from the head and body.

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

(http://www.motorola.com/rfhealth).

Information from the World Health Organization

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

Privacy and 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 which updates the device's security, install it as soon as possible.
- Erase before recycling—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling.
 For step-by-step instructions on how to delete all personal information from your device, see the section entitled "master clear" or "delete data" in this user's guide.
 - Note: For information on backing up your mobile device data before erasing it, go to www.motorola.com and then navigate to the "downloads" section of the consumer web page for "Motorola Backup" or "Motorola Phone Tools."
- Understanding AGPS—In order to comply with the emergency caller location requirements of Ofcom, certain Motorola mobile devices incorporate Assisted Global Positioning System (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location, for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart practices while driving

Drive Safe, Call Smart SM

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. Go to www.motorola.com/callsmart 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 and redial. 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.
- TM
- 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 voice mail answer it for you.
- Let the person you are speaking with 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 with 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 other local emergency number in the case of fire, traffic accident, or medical emergencies.¹
- 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 other local emergency number, as you would want others to do for you.¹
- 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 other special non-emergency wireless number.¹

Wherever wireless phone service is available.

www.hellomoto.com

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

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

Software Copyright Notice

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

Warranty section

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 term of 1 year from date of purchase of the Product(s) (Warranty Term).

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 oblications applicable to the seller.

A list of the Motorola Call Centre numbers is enclosed with this Product. 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, to 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 damages 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.

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 damages² arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

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 Motorola's call centre at (GB) +44 (0) 870 9010 555, (BE) +32 (0) 2 700 16 60, (CH) 0800 553 109, (IE) +353 1850 909 555.

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

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

² including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

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 IMSNI 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:

- 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.

accessories



more information

GOTO

accessories: www.motorola.com

user guide: www.motorola.com/support

