



MOTO™ EM325

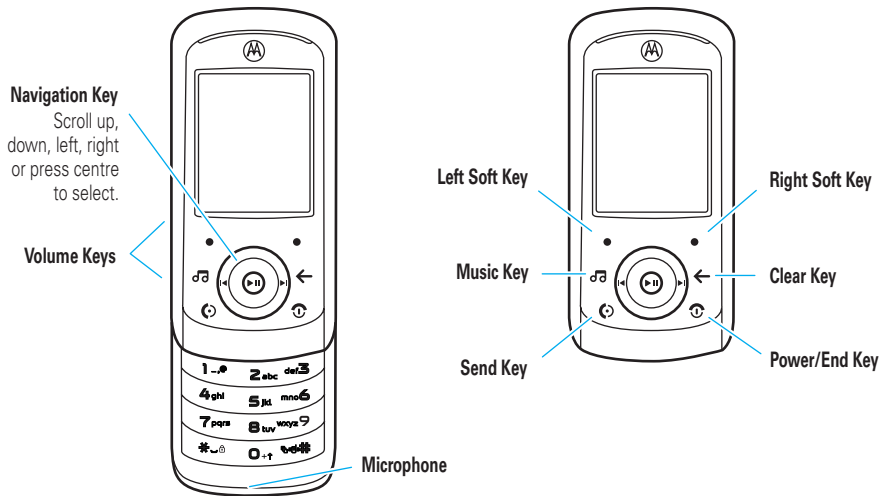
User Guide

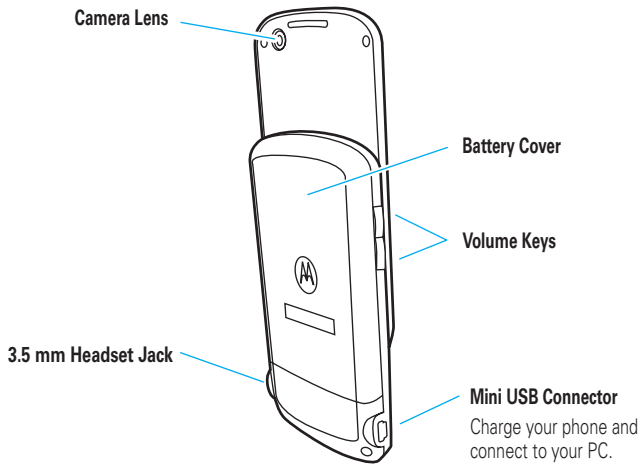
HELLOMOTO

Introducing your new **MOTO™** EM325 wireless phone! It's a slim, easy-to-use music phone with a sleek design that's sure to get attention.

- **My Phone, My Way** – Customise your home screen (page 31) with personal pictures taken with your phone's **camera** and download a chart-topping track and use as your ringtone.
- **Connect on So Many Levels** – Whether it's with work or friends, stay connected with voice (page 24) and messaging (page 47).
- **Rich Music Experience** – Use the music player (page 49) to set your playlist for your morning commute. Or, use the FM Radio (page 52) to listen to your favourite music or news programmes. With a stereo wired headset or high quality **Bluetooth®** stereo headset, listening has never been easier.
- **Camera** – Capture key moments with **photos** (page 53).
- **Convenient Extras** – When you are away from your home or desk, make use of handy tools like Phonebook, Calculator, Alarm Clock, Calendar and others (page 65).
- **Fun** – When you have a little time to spare, why not surf the web (page 57) or play a game (page 58)?

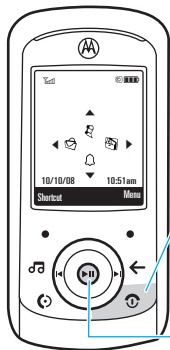
Here's a quick anatomy lesson:





A few menu basics:

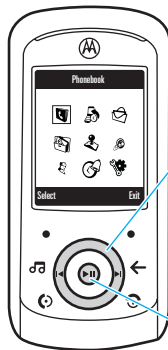
Home Screen



1 Press and hold the **Power Key** (⏻) for a few seconds, or until the display lights up, to turn on your phone.

2 Press the **Centre Key** (◉) to open the **Main Menu**.

Main Menu




3 Press the **Navigation Key up, down, left or right** (◂, ▸, ◃, ◅) to highlight a menu feature.

4 Press the **Centre Key** (◉) to select it.

This is a typical home screen and main menu layout. **Your phone may be a little different.**

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.

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. The Bluetooth trademarks are owned by their proprietor and used by Motorola, Inc. under license. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. Microsoft and Windows are registered trademarks of Microsoft Corporation; and Windows XP and Windows Media are trademarks of Microsoft Corporation. Macintosh is a registered trademark of Apple Computer, Inc. All other product or service names are the property of their respective owners.  is a Certification Mark of the Wireless Fidelity Alliance, Inc.

© 2008 Motorola, Inc. All rights reserved.

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.

Manual Number: 68004096008

contents

menu map 8

Safety and General

Information 10

FCC Notice 14

Use and Care 15

EU Conformance 16

get started 18

about this guide 18

SIM card 19

memory card 19

battery 20

turn it on & off 24

make a call 24

answer a call 24

change ring alert 24

store a number 25

call a stored number 25

your phone number 25

basics 26

home screen 26

status indicators 26

volume keys 27

handsfree 27

memory card 27

codes & passwords 28

lock & unlock phone 28

lock & unlock keypad 29

tips & tricks 30

customise 31

change home screen 31

ring styles & alerts 31

answer options 32

wallpaper 32

screen saver 32

colour style 33

backlight 33

more customising

features 33

master reset 34

master clear 35

calls 36

redial a number 36

recent calls 36

return a missed call 37

call waiting 37

quick dial 37

notepad 38

emergency calls 38

call times 38










in-call menu 39

headset 40

advanced calling	41	fun & games	58
text entry	43	connections	59
set entry modes	43	Bluetooth® wireless	59
tap method	45	cable connections	62
iTAP™ method	45	USB setting	64
numeric method	46	tools.	65
delete letters & words.	46	personal organiser	65
symbol method	46	phonebook.	66
messages	47	network	66
send a message	47	SAR Data.	67
receive a message	47	WHO Information.	68
voicemail	48	Privacy and Data Security	69
more message features	48	Driving Safety.	70
entertainment	49	index	71
music player	49		
FM radio	52		
photos	53		
pictures	54		
voice notes	56		
WebAccess	57		

menu map

main menu

-  **Contacts**
 -  **Recent Calls**
 - Received Calls
 - Dialed Calls
 - Notepad
 - Delete All
 - Call Time
 - Call Cost *
 - GPRS Data Counter
 - GPRS Connection Time
 -  **Messages**
 - Create Message
 - Message Inbox
 - Outbox
 - Drafts
 - Voicemail
 - Browser Msgs
 - Quick Notes
 - MMS Templates
 -  **Tools**
 - Calculator
 - Calendar
 - Shortcuts
 - Chat *
 - STK *
 - Lantern
 -  **Games**
 -  **WebAccess**
 - Browser
 - Web Shortcuts
 - Go To URL
 - History
 - Web Sessions
 - Web Settings
 -  **Multi Media**
 - Camera
 - Music Library
 - Pictures
 - Voice Notes
 - FM Radio
 - My Picture
 -  **Alarm Clock**
 -  **Settings**
 - (see next page)
- * Network Dependent

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

settings menu



Personalise

- Home Screen
- Colour Style
- Wallpaper
- Screen Saver
- Slide Tone
- Quick Dial



USB

- USB modem
- USB disk



Bluetooth Link

- [Find me]
- [Add Audio Device]
- Setup



Ring Styles

- Style
- Call Divert



Call Divert

- When Busy
- No Reply
- Not Reachable
- Not Available
- All Calls
- Cancel All



In-Call Setup

- Dialling Prefix
- In-Call Timer
- Call Cost Setup *
- Show Number
- Call Waiting
- Anykey Answer
- Session Information
- Auto Redial



Headset & Car Setting

- Auto Answer



Flight Mode

- Flight Mode
- Prompt at power up



Initial Setup

- Time and Date
- Slide Closed
- Backlight
- Language
- Brightness
- Input Mode
- Connection Indication
- Master Clear
- Master Clear



Phone Status

- My Tel. Number
- Active Line *
- Battery Meter



Security

- Phone Lock
- Keypad Lock
- Lock Application
- Fixed Dial *
- Call Barring
- Call Restriction
- SIM PIN
- New Passwords



Network *

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



Lantern

- 30 Seconds
- 1 Minute
- 2 Minutes

* Network Dependent

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.

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.

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

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
	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 throw your battery or mobile device in a rubbish bin.
	Your mobile device contains an internal lithium ion battery.
	Do not let your battery, charger or mobile device get wet.

Symbol	Definition
	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.

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: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:

- 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

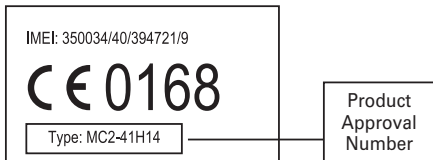
Don't drop your phone.

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/EC
- All other relevant EU Directives



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

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

Caring for the Environment by Recycling



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.





get started


about this guide

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

Find it:  >  **Recent Calls** > **Received Calls**

This means that, from the home screen:

- 1 Press the *centre key*  to open the main menu.
- 2 Scroll to  **Recent Calls** and press the centre key .
- 3 Scroll to **Received Calls** and press the centre key .

Tip: Press the centre key  or **SELECT** to select a highlighted option.

symbols



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



This means a feature requires an optional accessory.

SIM card

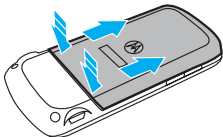
Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and contacts. It can also contain your voicemail and text message settings.

If you put your SIM card in another phone, that phone uses your phone number.

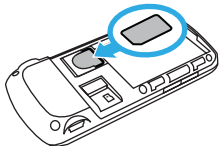
Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water and dirt.

Tip: Make sure your SIM card is fully inserted into the phone before installing the battery.

1



2



memory card

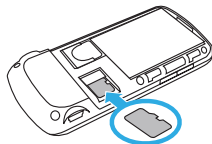
You can use a removable microSD memory card (up to 2 GB) with your phone to store and retrieve multimedia objects, such as music and pictures.



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

install the memory card

To install the memory card, make sure the memory card's metal contacts are facing down. Slide the top of the memory card under the metal band and into the holder.



remove the memory card

To remove the memory card, gently but firmly push down on the card and slide out.

battery

battery use and 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 jewellery, 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.

DOs

- **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 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 retry charging it;
- If the message remains, contact a Motorola Authorised Service Centre.

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.rbr.org/call2recycle/ (in English only)

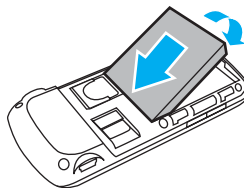
Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling centre or national recycling organisations for more information on how to dispose of batteries.



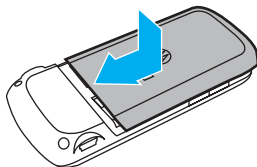
Warning: Never dispose of batteries in a fire because they may explode.

install the battery

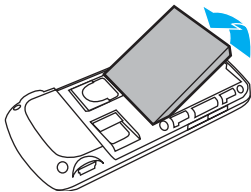
1



2



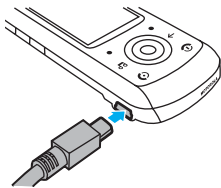
remove the battery



Note: Your battery is intentionally tight fitting to ensure consistent connection.

charge the battery

New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet. Your phone might take several seconds to start charging the battery. The phone shows **Full battery** when finished.




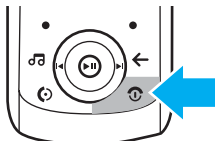
Notes for charging your phone's battery:

- 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.


Note: You can also use a PC USB port to charge your phone battery. Before connecting your phone to your PC, download and install the charging software driver from www.motorola.com/support.

turn it on & off


To turn on your phone, press and hold  for a few seconds or until the display turns on.




If prompted, enter your four-digit unlock code. Your phone's four-digit **unlock code** is originally set to **1234** or the last four digits of your phone number (see page 28).

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


make a call


Enter a phone number and press  to make a call. See page 36 for more calling features.

To hang up, press .

Tip: Is your caller saying they can't hear you? Make sure your finger is not covering the microphone (see page 2).

answer a call

When your phone rings and/or vibrates, press  or slide open to answer. See page 32 for answer options.

To hang up, press .

change ring alert

Find it:  >  Settings >  Ring Styles

Available options are **Loud, Soft, Vibrating, Vibe & Ring** or **Silent** (see page 31).


store a number

You can store up to 1000 phone numbers in **Contacts**:

- 1 Enter a number in the home screen and press **Save**.
- 2 Enter a name and other details for the phone number.
- 3 Press **Save** to store the number.

call a stored number

Find it:  >  **Contacts**

- 1 Scroll to the entry.
- 2 Press  to call the entry.

Shortcut: In **Contacts**, enter the first letters of an entry to get to it quickly.

Tip: Set the **Contacts** icon as a **Home Screen** navigation key for even faster access (see page 31).

your phone number

Find it:  >  **Settings** >  **Phone Status** > **My Tel. Number**

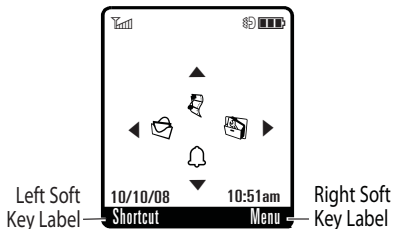
Tip: Want to see your phone number while you're on a call? Press **MENU** > **My Tel. Number**.

basics

See page 2 for a basic phone diagram.


home screen

When you turn on your phone, the *home screen* displays.



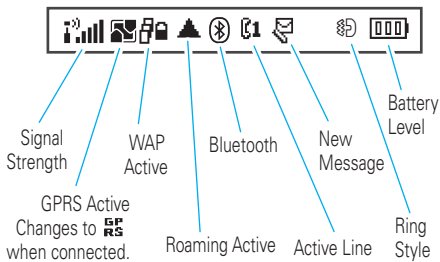
Note: Your home screen might look a little different from this example.

Soft key labels show the current soft key functions. For soft key locations, see page 2.

Press the *navigation key*  up, down, left or right to select items in the home screen.

status indicators

Status indicators can appear at the top of the phone:



volume keys

Press the volume keys on the side of the phone to:

- Change earpiece or speakerphone volume during a call.
- Change ringtone volume (if the phone is in idle state, not in a call and not playing music).
- Change volume when playing music.

Note: When listening to music using a Bluetooth stereo device (headset, car stereo, etc.) use the volume control keys **on the device** to increase/decrease music volume

handsfree

You can use your phone's handsfree speaker to make calls without holding the phone to your ear. To turn the speaker on during a call, press **Speaker**. To turn the speaker off, press **Speaker** again.

You can also use an optional 3.5 mm wired headset or Bluetooth® headset, to go handsfree.

Note: Mini USB headsets are not supported.

memory card




You can store multimedia content, such as songs and photos, on your phone's internal memory or on an optional memory card.

Note: You cannot download a copyrighted file and store it on your memory card.

format memory card

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.

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

Note: To access music stored on your microSD memory card, press  > **MENU** > **SELECT** (left soft key). To access pictures stored on your microSD memory card, press  >  **Multi Media** > **Pictures** > **All Pictures**, then press **MENU** > **Switch storage** > **Memory card**. All music files are displayed no matter where they are stored. Picture files must be stored in the memory card **mobilePicture** folder. If there are no files stored on your memory card, your phone will automatically switch to its internal memory.

codes & passwords

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

Your service provider may reset this code. If not, you should change it to protect your personal information. The unlock code must contain four digits.

To change a code or password:

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

Note: If you forget your security code, contact your service provider.

lock & unlock phone

You can lock your phone with a four-digit code to keep others from using it.

Note: You can make emergency calls on a locked phone (see page 38). A locked phone still rings or vibrates for incoming calls or messages.

To lock your phone:

Find it:  >  **Settings** >  **Security** > **Phone Lock** > **Lock Now** or **Automatic Lock**

Enter the four-digit unlock code and press **OK**. Your phone first displays **Phone Locked** and then shows **Phone Lock Code** until the next time you unlock your phone.




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

change phone lock code


Find it:  >  Settings >  Security > New Passwords
> Phone Lock Code

lock & unlock keypad

The keypad will automatically lock **when the slider is closed**, if the **Keypad Lock Timer** is On.







To turn the timer on, press  >  Settings >  Security > Keypad Lock > Timer > 2 Seconds, 4 Seconds or 8 Seconds.




To unlock your keypad **with the slider closed**, press any key and select **UNLOCK** > **OK**.

To lock your keypad **with the slider open**, press and hold .

tips & tricks



From the home screen (page 26), you can use shortcuts:


To...	Do this...
take a photo	Press  >  Multi Media > Camera to activate the camera and press  to take a photo.
see recently dialled numbers	Press  .
use application shortcuts	Press the left and right soft keys or the navigation key  .
access voicemail	Press and hold  .

To...	Do this...
change ring style	Press and hold  .
access music player	Press  .
access FM radio	Press and hold  .

customise

change home screen

Find it:  >  Settings >  Personalise > Home Screen
> Home Keys

options	
Show Icons	Show or hide the home screen shortcut icons.
Up, Down, Left, Right	Choose the features that open when you press the navigation key () up, down, left or right in the home screen.

ring styles & alerts

Your phone rings and/or vibrates to notify you of an incoming call or to signal certain other events. This ring or vibration is called an *alert*.

set a style


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




Find it:  >  Settings >  Ring Styles

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

set alerts

Set alerts for different events, such as getting a message in your inbox or receiving a call.

Find it:  >  Settings >  Ring Styles

- 1 Scroll to *Style Detail* and press .
- 2 Scroll to an alert type and press .
- 3 Scroll to the desired detail setting and press .

Note: Your phone plays a sample of each highlighted setting. Ringtones play through the speakerphone, unless you're using a headset.




answer options

Set your phone to *Anykey Answer*.



Find it:  >  Settings >  In-Call Setup > Anykey Answer

wallpaper

Set a picture as a wallpaper (background) image in your home screen.

Find it:  >  Settings >  Personalise > Wallpaper

To select a wallpaper image:



- 1 Scroll to **Picture** and press .
- 2 Scroll to the picture you want and press .

or

Select **Off** to turn off wallpaper.

Note: Your phone shows a sample of each highlighted image.

To adjust wallpaper image layout:



- 1 Scroll to **Layout** and press .
- 2 Scroll to **Centre**, **Tile** or **Fit-to-screen** and press .

screen saver

Set a picture as a screen saver image. The screen saver displays when there is no phone activity.

Find it:  >  Settings >  Personalise > Screen Saver

To select a screen saver:




- 1 Scroll to **Picture** or **Photo Album** and press .
- 2 Scroll to the image you want and press .

or




Select **Off** to turn off the screen saver.

Note: Your phone shows a sample of each highlighted image.

colour style

To choose a **Colour Style** (or skin) that sets the look and feel of your phone's display, press  >  Settings >  Personalise > Colour Style.

backlight

To select a time period that the backlight remains on, press  >  Settings >  Initial Setup > Backlight.




more customising features

features

ring volume

 >  Settings >  Ring Styles > *Style Detail* > Ringing Volume

slide tone

 >  Settings >  Personalise > Slide Tone

keypad volume

 >  Settings >  Ring Styles > *Style Detail* > Key Tone Volume

features

reminders

Set your phone to play reminder alerts for unread messages, missed calls or voicemail messages that you receive:

 >  Settings >  Ring Styles > *Style Detail* > Reminders

set time and date

 >  Settings >  Initial Setup > Time and Date

slide closed

Set your phone to continue or end a task when the slide is closed:

 >  Settings >  Initial Setup > Slide Closed

text layout

Set home screen text to be **Left Justified**, **Centred** or **Off**:

 >  Settings >  Personalise > Home Screen > Layout



features

clock view

Show or hide a digital clock on the home screen:

 >  Settings >  Personalise > Home Screen > Clock

menu language

 >  Settings >  Initial Setup > Language

master reset

features

master reset

Reset all options except unlock code, security code and lifetime timer:

 >  Settings >  Initial Setup > Master Clear

To reset all options, you need to enter the **Security lock code**: (**default 1234**).

master clear

features

master clear

Reset all options except unlock code, security code and lifetime timer and clear all user settings and entries.

This option erases all user-entered information stored in your phone memory, including Contacts entries and downloaded files. Once you erase the information, it cannot be recovered. It resets all options to their factory settings except for the unlock code, security code and lifetime timer.



 >  Settings >  Initial Setup > Master Clear

To reset all options, you need to enter the **Security lock code: (default 1234)**.

calls

To make and answer calls, see page 24.

redial a number

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


recent calls

Your phone keeps lists of the calls you recently received and dialled, even if the calls didn't connect. The lists are sorted from newest to oldest calls. The oldest calls are deleted as new calls are added.

Find it:  >  Recent Calls > Received Calls or Dialled Calls

- 1 Scroll to an entry.

Note: A ✓ next to a call means the call connected.

- 2 Press  to call the number.



To see call details (such as time and date), press **MENU** > **View**.

Press **MENU** (left soft key) while viewing a list of recent calls to see these options:

option	
View	View the entry.
Delete	Delete the entry.
Call	Call the entry.

option	
Send Message	Create a new text message with the number in the To field.
Save	Save the entry in the Contacts .
Block	Block calls from a phone number.
Custom Block List	View a list of blocked phone numbers. Unblock numbers.

return a missed call

When you miss a call, your phone plays an alert, displays the  (missed call) indicator on the home screen. Press **View** to see the details and press  to call the number.

To view your missed calls at any time:


Find it:  >  **Recent Calls** > **Received Calls**

To hear a voicemail message, see page 48.

call waiting

If you **receive a second call** while you are already on a call:



- To answer the second call and put the first call on hold, press  or the **ANSWER** soft key. To switch between the calls, press **SWITCH** again.
- To send the second call to your voicemail, press **IGNORE**.

quick dial

Your phone can store nine phone numbers that you can call with a single key press. To **store** a quick dial phone number:

Find it:  >  **Settings** >  **Personalise** > **Quick Dial**


To **call** a quick dial phone number, press and hold the single-digit quick dial number from the home screen.

notepad

The most recent set of digits that you entered are stored in your phone's *notepad* memory.


To retrieve a number in the notepad:

Find it:  >  Recent Calls > Notepad

Press  to call the number or press **Save** to store the number in **Contacts**.

emergency calls


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.

- 1 Enter the emergency number.
- 2 Press .

Note: 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.

call times

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

features

set in-call timer

 >  Settings >  In-Call Setup > In-Call Timer



features

call cost setup



 >  Settings >  In-Call Setup > Call Cost Setup

view call times

 >  Recent Calls > Call Time

Scroll to **Last Call**, **Dialled Calls**, **Received Calls**, **All Calls** or **Lifetime** and press **SELECT**.

in-call menu

During a call you access the in-call menu by pressing **MENU**.

features

show available phone line

MENU > My Tel. Number

Scroll to a line and press **SELECT**.

features

hold the call

MENU > Hold

mute the call

MENU > Mute

use Bluetooth

MENU > Bluetooth Link

show contacts

MENU > Contacts

make another call



MENU > New Call

show dialled calls

MENU > Dialled Calls

show received calls

MENU > Received Calls

features

show messages

MENU > Messages

show calendar

MENU > Calendar

change dialling prefix

MENU > Dialling Prefix

headset

features

auto answer



Automatically answer calls when connected to a headset:

 >  Settings >  Headset & Car Setting > Auto Answer

Note: Both mono and stereo headsets are supported for voice only.

change volume

Press volume keys on the side of the phone up or down to change the headset volume during a call.

Note: When listening to music using a Bluetooth stereo device (headset, car stereo, etc.) use the volume control keys **on the device** to increase/decrease music volume

advanced calling

features

international calls



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

call forward

Set up or cancel call forward:

> Settings > Call Divert

features

speed dial

Each **Contacts** entry you store is assigned a unique speed dial number. To display the speed dial number allocated to a contact number:

> **Contacts** > [Entry]

To speed dial a number, simply enter the speed dial number and press **#** then .

restrict calls



Restrict outgoing or incoming calls:

> Settings > Security > Call Barring




Select **Outgoing Calls**, **Incoming Calls** or **Cancel All** and press **SELECT**.

When prompted, enter the unlock code (supplied by your service provider) and press **OK**.

features

flight mode

Turn off your phone's calling features in locations where wireless phone use is prohibited. This lets you use the music player and other non-network features while you are on an aeroplane, without interfering with aeroplane communications.

 >  Settings >  Flight Mode

To reactivate your phone's calling features, turn off aeroplane mode.

text entry

Some screens allow you to use the keypad to enter text, such as when you compose a message.




set entry modes

Multiple text entry modes make it easy for you to enter names, numbers and messages:

entry mode	
Primary Secondary	Enter text using a method that you set.
Number	Enter numbers only (see page 46).
Symbol	Enter symbols only (see page 46).

To assign a Primary or Secondary text entry mode:


- 1 In a text entry screen, press **MENU**.

- 2 Scroll to **Input Setup** and press .
- 3 Scroll to **Primary** or **Secondary** and press .
- 4 Scroll to one of the following choices and press .

options

iTAP™	Let the phone predict each word as you press keys.
TAP	Enter letters and numbers by pressing a key one or more times.

To change the text entry mode:

Press  repeatedly in a text entry screen until the desired mode is displayed.

To select or edit a text entry mode:

Press **MENU** > **Input Mode**, in a text entry screen and select the desired entry mode.







capitalisation

Press **0** in any text entry screen to change the text case. These indicators show capitalisation status:

indicator	
ab	no capital letters
AB	all capital letters
Ab	capitalise next letter only

text entry mode indicators

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

primary	secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalise next letter
1↑	2↑	Tap, all capital letters
		iTAP™, no capital letters
		iTAP, capitalise next letter
		iTAP, all capital letters

These indicators identify **Numeric** or **Symbol** mode:


indicator	
12	number mode
@	symbol mode

tap method

Regular **Tap** method cycles through the letters and numbers of the key you press.



- 1 Press a key one or more times to cycle through its characters.
- 2 Repeat the step above to enter all characters.

Tip: Press  to insert a space.


In a text entry screen you can press  to switch entry modes. If **Tap** is not available as the **Primary** or **Secondary** entry mode, see page 43.





iTAP™ method

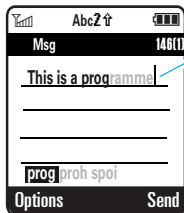
The iTAP software combines your single key presses into common words and predicts each word as you enter it. This can be faster than the **Tap** method.

- 1 Press  right or left to scroll through the possible letter combinations and highlight the combination you want.
- 2 Press  to enter the highlighted combination.
You can press keys to add more letters to the end of the combination.

or

Press  to enter the highlighted combination and insert a space.

For example, if you press    , your phone displays the corresponding letter combinations:



Press up to accept **programme**, press down to reject and continue.

Press right or left to see other word suggestions.

numeric method

In a text entry screen, press to switch entry methods until your phone displays the **12** (numeric) indicator.

Press keypad keys to enter numbers. When finished, press to switch entry modes.

delete letters & words

Move the cursor to the right of the text you want to delete and then:

- Press to delete one letter at a time.
- Press and hold to delete the entire message.

symbol method

In the text entry screen, press to switch entry methods until your phone displays the **@** (symbol) indicator.

- 1 Press a key one or more times to show possible symbol combinations at the bottom of the screen.
- 2 Scroll left or right to highlight a symbol and press to enter it.

messages

You can send and receive text (SMS/EMS) and multimedia (MMS) messages, as well as access your voicemail from the Messages feature. Each message type allows you to attach different objects. The available options show in the **Insert** menu.



Note: Your phone can store a maximum of 750 SMS messages, shared between the **Inbox**, **Outbox** and **Draft** folders.

send a message

Find it:  >  **Messages** > **Create Message**

- 1 Select a message type and enter the message text.
- 2 To insert a picture, sound or other object, press **MENU** > **Insert**.

- 3 When you finish typing the message, press **Send**. Choose one or more people to send to.
- 4 Press **Send** (left soft key).

receive a message

When you receive a message, your phone plays an alert and displays a new message notification on the home screen. Press the **Read** softkey to read the message immediately or save it in your message inbox for viewing later. To read messages in your message inbox:

Find it:  >  **Messages** > **Message Inbox**

Scroll to the message you want to read. Press **SELECT** to open the message. For MMS messages, your phone displays the media object, then the message.

voicemail

Your network stores the voicemail messages you receive.



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

To check your voicemail messages:

Find it: > Messages > Voicemail >

Note: Your service provider may have assigned speed dial number **1** for calling voicemail and may provide additional information about using voicemail.

To set up voicemail

> Messages > MENU > Voicemail Setup

more message features

features

use MMS template

Select a preloaded multimedia template:

> Messages > MMS Templates

view sent, received and draft messages

> Messages > Message Inbox, Outbox or Drafts

erase messages

Delete all messages or only messages from one folder:

> Messages > MENU > Cleanup Messages

Select **All**, **Inbox**, **Outbox** or **Drafts**.

view the message memory status

> Messages > MENU > Memory Meter > SMS Status or MMS Status

entertainment

music player

Use your phone to play MP3, MIDI, AAC and AMR music file types.

Find it: Press 



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.

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





From the **Music player**, open one of the following:

tab	
Now playing	Select the track that is currently playing.
All Songs	Select a track to show or play songs.
Playlists	Play and manage your playlists.
Artists	Select an artist to show or play their songs.

tab	
Albums	Select an album to show or play its songs.
Genres	Select a genre of music to show or play its songs.

music player controls

Once the music player is displayed:

function	
scroll through song list	Before music playback, press  up or down.
play/pause/resume	Press  .
fast forward	Press & hold  right (for at least two seconds).
next/previous song	Press & release  right/left.

function	
rewind	Press & hold  left (for at least two seconds).
turn off	Press BACK .

Tip: You can listen to music as you travel. Use Bluetooth® A2DP enabled devices, such as stereo headphones, for enhanced music quality and use Bluetooth AVRCP enabled devices, such as car stereos, to control playback. When listening to music using a Bluetooth stereo device (headset, car stereo, etc.) use the volume control keys **on the device** to increase/decrease music volume

playlists

Find it:  >  Multi Media > Music Library > Playlists

- To create a new playlist, press **[Create new playlist]**.

- To select and play a playlist, scroll to the playlist and press **MENU > Play**.

music playlist options

option	
Play	Play a track or playlist.
Create New	Make a new playlist.
Manage	Rename or Delete a playlist.
Music Setup	Select Shuffle or Repeat.
View Free Space	View the storage space available.

get music

Copy music to your phone's memory card.

Connect:

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 operates with Microsoft™ Windows™ XP™ and Windows™ Vista™. Other operating systems may not be compatible with your phone.

Note: For USB cable connection details, see page 62.


USB drag and drop:

- 1 Use the My Computer window to find "Removable Device".
- 2 Drag and drop music files that you want to save anywhere on the memory card.

Note: 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..



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


FM radio



Find it: Press and hold 




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

- Press  up or down to change the frequency.
- Press  left or right to scan for preset radio stations.

- Press the up or down volume keys on the side of the phone to adjust the volume.
- Press  to mute the radio.

Tip: To set the FM radio to play as your alarm sound, press  >  **Alarm Clock** and select the **FM Radio** option to choose your favourite channel.

set radio presets

- 1 Tune in the desired frequency by pressing  up or down or press **MENU** > **Scan** to scan for all available radio stations.
- 2 Press and hold a number key to save that number as the preset.

use radio presets

From the main FM radio screen, press a key pad number to jump to a preset station.

To manage your station presets:

- 1 Press **MENU** > **Manage Presets** to store, rename or delete radio presets.
- 2 Press **◂** up or down to select a preset.

photos

Your camera lens is on the back of your phone (see page 3). **To get the clearest pictures, wipe the lens clean with a soft dry cloth before taking a picture.**

take a photo

Press **◂** > **Multi Media** > **Camera** to access the camera, then press **◂** to capture your image. To save your picture press **◂**.

Note: Slide your phone open to take photos.

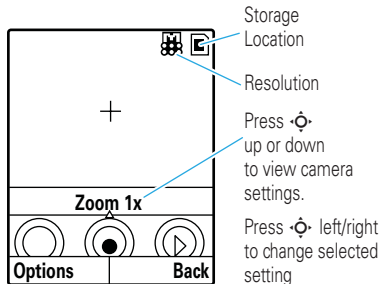


photo options

Before you take your photo, press **MENU** to open the camera menu:

options	
Go to picture	Switch to the Pictures menu.
Auto-timed capture	Turn the auto-timed capture to 5 sec or 10 sec .
Camera setup	Set the Resolution , Quality , Shutter sound or Status icon .
Switch storage	Store your photos to the Phone memory and Memory card .
Free space	Shows the Total Space , Used Space and Free Space on your storage device.

After you capture your photo, you can press **MENU** to open the **Picture options** menu:

options	
Store only	Save the photo and return to the viewfinder.
Discard	Discard the photo and return to viewfinder.
Apply as	Set the photo as a wallpaper (background) image or a screen saver image.
Detail	Show the photo File Type , File Size and Resolution details.
MMS Postcard	Send your photo as an MMS.

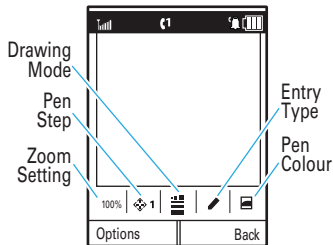
pictures

Find it:  >  Multi Media > My Picture

Use the **My Picture** feature to edit or crop your photos.

edit pictures

Find it:  >  Multi Media > My Picture > Editor



Press **MENU** to open and edit your picture.

options	
Open	Open an existing picture or take a new one.
Save	Save your image with a unique file name.

options	
Pen attribution	Change the pen mode (Pen mode , Pen colour , Pen size , and Pen step).
Zoom in	Zoom in on an area of your image.
Zoom out	Zoom out to see more of your image.
Stamp options	Creates a small image stamp of your picture.
Rotate	Rotate your image (Clockwise 90° , Anticlockwise 90° or 180°).
Picture size	Set the dimensions of your image.
Clear screen	Remove the current image from the screen.

crop pictures

Find it:  >  Multi Media > My Picture > Cropper



To crop a stored picture select **Picture**. To create a new picture for cropping, select **Camera**.

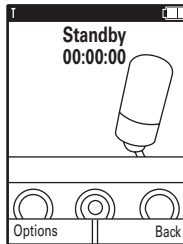
Press **MENU** to see the **Crop** menu.

options	
Open	Open another stored picture or take a new one with the Camera .
Save	Save your image
Crop size	Enter the crop size.
Crop shape	Select the crop shape.

voice notes

Find it:  >  Multi Media > Voice Notes

Use the **Voice Notes** feature to record reminders or voice notes to send in a message. Press  to start and pause recording. When you have finished recording press **Stop**. Enter a name for your file and press  to save the file.





Press **MENU** to open the voice notes menu.

options	
Open	Open a sound clip.
Switch storage	Change the storage location of your clips
View Free Space	View the storage space available on the selected location.

WebAccess

Use your phone to access Web pages.


Find it:  >  WebAccess

WebAccess options


option	
Browser	Open the Web browser.

option	
Web Shortcuts	Open or create shortcut to a Web page.
Go To URL	Enter a Web page URL (address).
History	Access a list of recently viewed Web sites.
Web Sessions	Access a stored Web session.
Web Settings	Clear history, reset cache or clear cookies.

open a Web page



- 1 Scroll to **Go To URL** and press **SELECT**. Enter the Web address, such as www.motorola.com.
- 2 Press  when complete.

manage bookmarks

To see your bookmarks press  **WebAccess** > **Web Shortcuts**. To manage your bookmarks press **MENU** to open the bookmarks menu:

options	
New bookmark	Add a new bookmark.
Edit	Edit a bookmark.
Go to	Open your bookmark.
Delete	Delete a bookmark.

fun & games

features
play a game
 >  Games

features

manage pictures



 >  **Multi Media** > **Pictures**

manage music and sounds

 >  **Multi Media** > **Music Library**

manage ringtones

 >  **Settings** >  **Ring Styles**

Note: To access pictures stored on your microSD memory card, press  >  **Multi Media** > **Pictures**, then press **MENU** > **Switch storage**. Your phone will only recognise pictures stored in the **mobilePicture** folder on the memory card. If there are no files stored on your memory card then your phone will automatically switch to its internal memory.

connections


Bluetooth[®] wireless

Your phone supports Bluetooth wireless connections with audio devices, such as a handsfree 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.

connect to an audio device


Before you try to connect your phone with an 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 > [Add Audio Device]

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

- 1 Scroll to a device in the list and press the *centre key* .
- 2 If necessary, press the **Yes** or **OK** key to connect to the device.

- 3 If necessary, enter the device passkey (default **0000**) and press the **OK** key.

When your phone is connected, the Bluetooth indicator  is highlighted in the status bar.

Note: When listening to music using a Bluetooth stereo device (headset, car stereo, etc.) use the volume control keys **on the device** to increase/decrease music volume

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

send files to another device

You can send a media file, contacts entry, agenda event and more from your phone to a computer or other device.






Note: You can't copy some copyrighted objects.

- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press **MENU > Copy to Bluetooth device** to send a picture file. Press **MENU > Send via Bluetooth** to send a music file.
- 3 Select a recognised device name or **New Device** to search for the device where you want to copy the file.




If your phone could not send the file to the other device, make sure the device is **on** and **ready** in *discoverable* mode (see the user guide for the device). Also, make sure the device is not busy with another similar Bluetooth connection.

Note: Once you connect your phone to a Bluetooth device, that device can start similar Bluetooth connections with your phone.

receive files from another device

If you do not see the Bluetooth indicator  in the status bar, turn on your phone's Bluetooth feature by pressing  >  **Settings** >  **Bluetooth Link** > **Setup** > **Power On**. 

- 1 Place your phone near the device and send the file from the device.










If your phone and the sending device don't recognise each other, place your phone in discoverable mode so the sending device can locate it.. Press  >  **Settings** >  **Bluetooth Link** > **[Find me]**.

- 2 Press the **Grant** key on your phone to accept the file from the other device.

Your phone notifies you when file transfer is complete.

advanced Bluetooth features

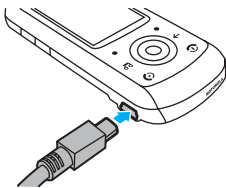
Note: A device is *recognised* after you have paired or bonded with it (see page 59).

features	
change your phone's name	
 >  Settings >  Bluetooth Link > Setup > Name	
make phone visible to other devices	
Allow a Bluetooth device to discover your phone:  >  Settings >  Bluetooth Link > [Find me]	
copy picture to a device	
Scroll to the picture, press MENU > Copy to Bluetooth device > [Look For Devices] , select the device name. You cannot copy some copyrighted files.	

cable connections



You can use your phone's mini USB port to connect to a computer.



Note: Motorola Original™ USB data cables and supporting software may be sold separately. Check your computer to determine which cable you need.




If you use a USB cable connection:

- Be sure to connect the phone to a high-power USB port **on your computer** (not a low-power one, such as the USB port on your keyboard or bus-powered USB hub).

Note: If you connect your phone to a low-power USB port, the computer may not recognise your phone.

- Make sure both your phone and the computer are turned on and that the phone is in the home screen.

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

- Make sure your phone's USB setting is set to **USB disk**: press  >  **Settings** >  **USB** > **USB disk**.
- Your phone currently supports Microsoft® Windows™ XP and Windows Vista™. Other operating systems may not be compatible with your phone.


Attach the Motorola Original USB cable to the mini USB port on your phone and to an available USB port on your computer. The battery will start charging.



On your computer:

- 1 Open your “My Computer” window, where your phone’s memory card shows as a “Removable Disk” icon.
- 2 Click on the “Removable Disk” icon to access the memory card.
- 3 If necessary, in the “Removable Disk” (memory card) window, create one or more folders for the files you will copy onto the memory card.
- 4 To copy files between your computer and phone, drag and drop into the appropriate folders.
- 5 When you’re finished, remove the device by selecting the “Safely Remove Hardware” icon at the bottom of your computer screen, then select “USB Mass Storage Devices” and “Stop.”

Use these folders on your memory card for the file types indicated:

Note: To help manage your files, you can also create new folders in the existing folders.

- music files (MP3, MIDI, AMR, AAC and WAV): use **mobile\Music** or place music files anywhere on the memory card (see page 51). 
- picture files (JPG, PNG or BMP):
mobile\Picture.

Tip: Pictures must be stored in the **mobile\Picture** folder on the memory card. To find picture files on your phone press  >  **Multi Media** > **Pictures** > **All Pictures**. Press **MENU** > **Switch storage** > **Memory card** to switch storage location.

Note: The maximum single picture file size is 600 kB, 1280 x 1024 pixels. Also, 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

USB setting

Set your phone’s mini USB connection to function as a modem or storage device:

 >  Settings >  USB > USB modem or USB disk

Note: Your USB connection must be set to **USB disk** before copying files from your PC to your phone (see page 62).


tools

personal organiser

features


add calendar event

 >  Tools > Calendar

Scroll to the day and press , then scroll to [Add New] and press **SELECT**.


view and edit calendar event

 >  Tools > Calendar

Scroll to the day and press , then scroll to the event and press **SELECT**.

features


event reminder

When an event reminder occurs, press  to view it. Press **EXIT** to dismiss it.

copy calendar event

Copy a datebook event to another date and/or time:

 >  Tools > Calendar

Scroll to the day and press , then scroll to the event and press **SELECT** > **MENU** > **Copy**.

set alarm

 >  Alarm Clock

Tip: Set the FM radio to play as your alarm sound.

features

calculator

 >  Tools > Calculator

convert currency



 >  Tools > Calculator

Press **MENU** and select **Convert**.

features

edit entry

 >  Contacts

Scroll to the entry and press **MENU** > **Edit** to edit the entry. Scroll up or down and press  to edit fields. Press  to save your changes.

phonebook

features

create entry

 >  Contacts > [New Entry]

delete entry

 >  Contacts

Scroll to the entry and press **MENU** > **Delete**.

network

features

network settings

View network information and adjust network settings:

 >  Settings >  Network

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.67 W/kg.¹

As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.² In this case, the highest tested SAR value is 0.52 W/kg.¹

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that

indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

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

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

Information from the World Health 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.
- **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

¹ Wherever wireless phone service is available.

index

A

- add calendar event 65
- advanced
 - Bluetooth features 61
 - calling 41
- alerts 31
- answer a call 24
- answer options 32
- automatic answer 40

B

- backlight 33
- battery 20
 - charge 23
 - cover 3
 - install 22
 - remove 23

Bluetooth 39

- advanced features 61
 - change name 61
 - connection
 - description 59
 - indicator 60
 - copy multimedia 61
 - receive files 60
 - send files 60
 - visibility 61
- bookmarks 58

C

- cable connections 62
- calculator 66
- calendar 40
- calendar event

- add 65
- copy 65
- reminder 65
- view 65

call

- advanced 41
- answer 24
- end 24
- forward 41
- international 41
- make 24
- recent 36
- restrict 41
- stored number 25
- times 38
- view times 39
- waiting 37

- camera lens 3
- capitalise text 44
- centre key 2
- change
 - ring alert 24
 - volume 27, 40
- charge battery 23
- clear 35
- clear/back key 2
- codes 28
- colour setting 33
- contacts 66
 - create entry 66
 - delete entry 66
 - edit entry 66
 - list 39
- controls, music player 50
- convert currency 66
- copy
 - calendar event 65

- files 60
- music 51
- costs, tracking 39
- currency converter 66
- customise 31

D

- date 34
- delete text 46
- dial a phone number 24
- dialled calls 36
 - list 39
- dialling prefix 40
- digital clock 34
- display 26
- drag and drop files 51

E

- edit pictures 55
- emergency number 38
- end a call 24

- end key 2, 24
- erase messages 48

F

- flight mode 42
- FM radio 52
- format memory card 27
- forward calls 41

G

- games 58
- get music 51

H

- handsfree 27
- headset 40
- hold call 39
- home screen 26
 - shortcuts 31

I

- in-call
 - cost 39
 - menu 39
 - timer 38
- indicator
 - status 26
 - text entry mode 44
- install
 - battery 22
 - memory card 19
 - SIM card 19
- international access code 41
- iTAP text entry method 45

K

- keypad
 - lock and unlock 29
 - volume 33

L

- language menu 34
- layout text 34
- linking. See Bluetooth connection
- lock
 - keypad 29
 - phone 28

M

- make a call 24
- make a second call 39
- manage
 - pictures 58
 - ringtones 58
 - sounds 58
- master
 - clear 35
 - reset 34
- memory card 19, 27
 - format 27

- install 19
 - remove 20
- menu
 - language 34
- messages
 - access 40
 - delete text 46
 - erase 48
 - MMS 48
 - numeric entry 46
 - receive 47
 - send 47
 - symbol entry 46
 - tap text entry 45
 - text capitalisation 44
 - text entry mode indicators 44
 - text template 48
 - view sent message 48
- microphone 2
- mini USB port 3

Missed Calls message 37
MMS 48
music
 copy 51
 player 49, 50
 playlist 51
mute 39
my number 25
my picture 54

N

navigation key 2, 26
network
 flight mode 42
 settings 66
notepad 38
number
 redial 36
 store 25
numeric entry method 46

O

object exchange 60
options, music playlist 51

P

pairing. See Bluetooth connection
passwords. See codes
personal organiser 65
phone lines 39
phone lock
 change code 29
phonebook 66
 create entry 66
 delete entry 66
 edit entry 66
photos 53
pictures 58
 edit 55
playlists 50
power key 2, 24

preset radio stations 52

R

radio 52
receive a message 47
received calls 36
 list 39
recent calls 36
redial 36
reminder 34, 65
remove
 battery 23
 memory card 20
reset 34
restrict calls 41
return a call 37
ring
 alert 24
 style, setting 31
 volume 33
ringtones 58

S

- safety information 10
- screen saver 32
- security codes 28
- send
 - key 2, 24
 - message 47
- set
 - alerts 31
 - colour 33
 - style 31
 - text entry mode 43
 - time & date 34
- setup
 - voicemail 48
- shortcuts 30
- SIM card
 - install 19
- skin 33
- slide

- tone 33
- slide closed 34
- soft keys 2, 26
- sound 58
- speaker
 - handsfree 27
- speed dial 41
- status indicators 26
- storage 27
- stored
 - files 58
 - number 25
- style setting 31
- symbol entry method 46

T

- tap text entry method 45
- template 48
- text
 - delete 46
 - entry

- capitalisation 44
- mode indicators 44
- layout 34
- text entry 43
- time 34
- tips & tricks 30
- turn phone on/off 24

U

- unlock
 - code 28
 - keypad 29
 - phone 28
- USB
 - cables 62
 - drag and drop 51

V

- view
 - calendar event 65
 - messages 48

voice notes 56

voicemail

 message indicator 48

 setup 48

volume

 change 40

 keypad 33

 keys 2, 27

 ring 33

W

wallpaper 32

WebAccess 57

WHO information 68

Y

your number 25

US patent Re. 34,976

www.motorola.com



68004096008