



**W231**

**User's Guide**



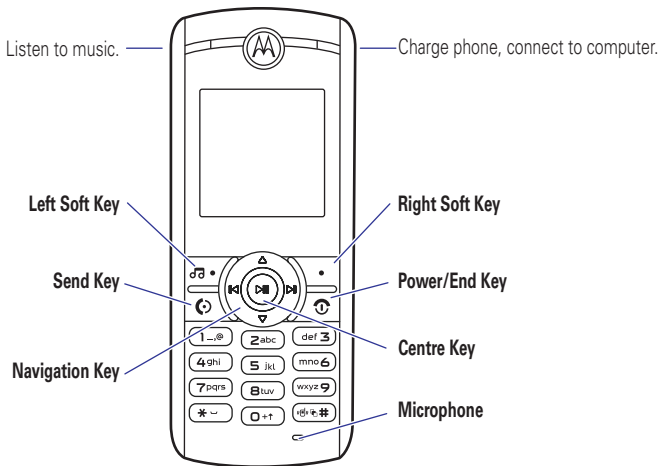
# HELLOMOTO

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Introducing your new Motorola W231 wireless phone! It's a music phone with a sleek design that's sure to get attention.

- **My Phone, My Way** – It's your phone — make it that way. Change covers (page 37), customise your home screen (page 33) with personal pictures, change wallpapers, and use your favourite song as your ringtone.
- **Connect on So Many Levels** – Whether it's with work or friends, stay connected with voice (page 22) and messaging (page 42).
- **Rich Music Experience** – Use the music player (page 45) to set your playlist for your morning commute. Insert an optional memory card into the removable memory slot to save many more songs! Or, use the FM Radio (page 44) to listen to your favourite music or news programs.
- **Convenient Extras** – When you are away from your home or desk, make use of handy tools like Contacts, Calculator, Alarm Clock, Calendar, and others (page 50).
- **Fun** – When you have a little time to spare, play a game (page 59).

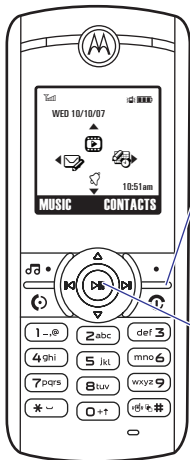
Here's a quick anatomy lesson:



**Note:** Your phone may not appear exactly as the images in this manual. However, all key locations, sequences, and functions are the same.

A few menu basics:

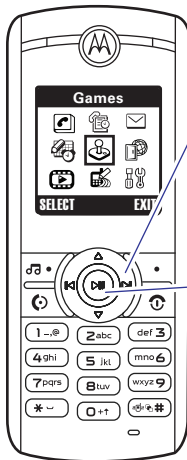
### Home Screen



① Press & hold the **Power Key**  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/right to highlight a menu feature.

④ Press the **Centre Key**  to select it.

⑤ In some list views, such as your Message Inbox or Contacts list, the  symbol shows at the bottom of the screen. This indicates that menu options are available. Press the centre key  to display the menu options.

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

**Note:** All the illustrations, simulated screen and related images used in this manual are for reference only. There may be slight difference between the handset and keys and content of display used in this manual and those of your handset. Please refer to your handset for actuality.

Mobile Devices Business  
(852)2506-3888 (Hong Kong)  
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www.motorola.com.hk

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.

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**Note:** The functions available on this handset may vary in different regions and nations. Please contact your local customer service centres, agencies or retailers if you have any question about the handset functions. Motorola reserves all rights to revise and change this user's manual without obligation to notify any person of such revisions or changes

\* Indicates network or subscription-dependent features

# menu map

## main menu



### Contacts



### Recent Calls

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



### Messages

- Create
- Inbox
- Draft
- Outbox
- Quick Notes
- Voicemail
- Browser Msgs
- MMS Templates



### Extras

- Calculator
- MyMenu
- Alarm Clock
- Stop Watch
- Chat \*
- Dialling Services \*
- STK \*
- Calendar



### Games



### WebAccess

- Start Browser
- Web Shortcut
- Go to URL
- Web Session
- Stored Pages
- History
- General Setting



### Multimedia

- Pictures
- Music library
- FM Radio



### Personalise

- Home Screen
- Main Menu
- Colour Setting
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial



### Settings

- (see next page)

\* Network Dependent

This is the standard main menu layout.

**Your phone's menu may be a little different.**

## settings menu



### Ring Style

- Style
- Style Detail



### Call Divert

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



### In Call Setup

- In-Call Timer
- Call Cost Setup
- My Caller ID
- Answer Options
- Call Waiting
- Hearing Aid \*



### Initial Setup

- Time and Date
- 1-Touch Dial
- Display Settings
- Backlight
- Scroll
- Language
- DTMF
- Master Reset
- Master Clear
- Format Additional Storage Device



### Phone Status

- My Numbers
- Active Line \*
- Battery Meter



### Headset

- Auto Answer



### Network

- New Network
- Network Setup
- Avail. Networks
- My Network List
- Service Tone
- Call Drop Tone



### Security

- Phone Lock
- Lock Keypad
- Auto Key Lock
- Fixed Dial \*
- Call Barring
- SIM PIN
- New Passwords



### Easy Prefix

- Auto Change \*
- Pref.Op \*

\* Network Dependent

This is the standard main menu layout.

**Your phone's menu may be a little different.**

# Safety and General Information

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

## 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 with 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 unauthorized 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

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

device and its antenna at least 2.5 centimeters (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 centimeters (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.hk](http://www.motorola.com.hk).

## 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 physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (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 minimize 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 can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.
- Do not place a mobile device in the airbag deployment area.

Responsible driving practices can be found in the “Smart Practices While Driving” section in this user’s guide and/or at the Motorola Web site: [www.motorola.com/callsmart](http://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 fueling 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 the trash.
	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 physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician 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 physician.

# FCC Notice to Users

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**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

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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. Don't use alcohol or other cleaning solutions.



## the ground

Don't drop your phone.

# European Union Directives Conformance Statement

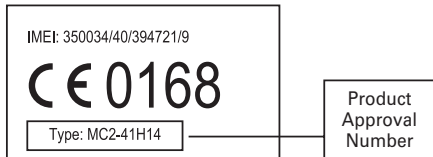
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Hereby, Motorola declares that this product is in compliance with:

Approval Number from your product's label in the "Search" bar on the Web site.

- 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](http://www.motorola.com/rtte). To find your DoC, enter the Product

# Caring for the Environment by Recycling

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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 Center 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](http://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





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## 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

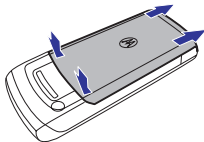
your Subscriber Identity Module (SIM) card contains personal information like your phone number and contacts. It can also contain your voicemail and text message settings.

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

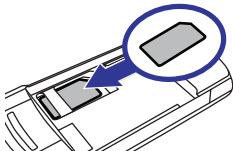
**Caution:** Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

**Tip:** Ensure your SIM card is fully inserted into the phone before fitting the battery.

1



2



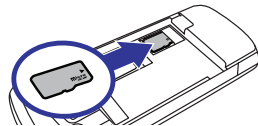
**Note:** While the battery cover is removed you might want to change your phone front cover (see page 37).

## 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 pictures and music.



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. To remove the memory card, slide the card back out of the holder.

**Note:** If you download a copyrighted file and store it on your memory card, you can use the file only while your memory card is inserted in your phone. You cannot send, copy, or change copyrighted files (see page 31).

# battery

## battery use and safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.**

The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

**Caution:** Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard. Improper battery use, or use of a damaged battery, may result in a fire, explosion or other hazard.

- Battery usage by children should be supervised.
- **Important:** Motorola mobile devices are designed to work best with qualified 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 bears a Motorola “Original Equipment” hologram;
- If there is no hologram, the battery is not a qualified battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.
- New batteries or batteries stored for a long time may take more time to charge.
- **Charging precautions:** 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. Always take your mobile device with you when you leave your vehicle.

- When storing your battery, keep it in a cool, dry place.
- **Avoid damage to your battery and/or mobile device.** Do not disassemble, open, crush, bend, deform, puncture, shred, or submerge the battery or mobile device. Avoid dropping the battery or mobile device, especially on a hard surface. If your battery or mobile device has been subjected to such damage, take it to a Motorola Authorized Service Center before using. Do not attempt to dry it with an appliance or heat source, such as a hair dryer.
- **Use care when handling a charged battery**—particularly when placing it inside a pocket, purse, or other container with metal objects. Contact with metal objects (such as jewelry, keys, or beaded chains) could complete an electrical circuit (short circuit),

causing the battery to become very hot, which could cause damage or injury.

Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center for proper battery disposal.

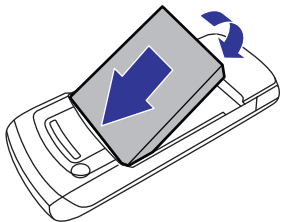


**Warning:** Never dispose of batteries in a fire because they may explode.

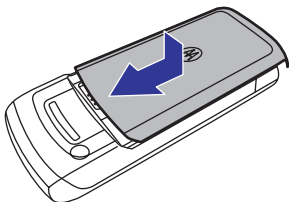
Before using your phone, read the battery safety information in the “Safety and General Information” section included in this guide.

## install the battery

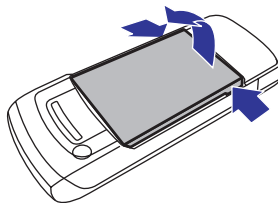
1



2



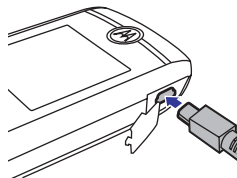
## remove the battery



**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 **Charge Complete** when finished.

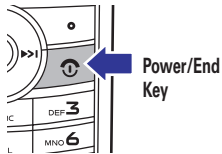


**Tip:** Motorola batteries have circuitry that protects the battery from damage from overcharging.


**Tip:** 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/W231](http://www.motorola.com/support/W231).

## 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 30).


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


## answer a call

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

To “hang up,” press .



## make a call

Enter a phone number and press  to make a call.

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).

## adjust volume

You can adjust the volume, during a call, by pressing  right to increase and left to decrease the earpiece volume. To mute a call, press  and select **Mute**.


## change ring alert



**Find it:**  >  Settings > Ring Style

Available options are **Loud Ring**, **Soft Ring**, **Vibrate**, **Vibrate & Ring**, **Vibrate then Ring** or **Silent** (see page 34).

## store a phone number


You can store up to 500 phone numbers in **Contacts**:

- 1 Enter a phone number in the home screen, and press **Store**.
- 2 Enter a name and other details for the phone number. To select a highlighted item, press the centre key .
- 3 Press **Done** to store the number.

To store an email address for a new contact, press  >  **Contacts** > **[New Entry]** > **New** > **Email**. Enter the name and email address and then press **Done**.

## call a stored phone 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.

**Note:** you can change the search method to **Find** so that you can search for a contact name by typing it in:


**Find it:**  >  **Contacts** >  > **Setup** > **Search Method**

# basics

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See page 1 for a basic phone diagram.


## home screen

When you turn on your phone, it displays the *home screen*. To dial a number from the home screen, press number keys and .














**Note:** Your home screen might look a little different.


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

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

Status indicators can appear across the top of the home screen:

indicator	
 <b>Signal Strength</b>	Vertical bars show the strength of the network connection.
 <b>Roaming</b>	Indicates phone is in a digital coverage area and is roaming off network.
 <b>Missed Call</b>	Indicates that you received an unanswered call.

indicator	
 <b>Voice Call/ Incoming Call</b>	Shows during an active voice call.
 <b>Battery Level</b>	Shows battery charge level. The more bars, the greater the charge.
 <b>Loud Ring</b>	Indicates <b>Style</b> (in <b>Ring Styles</b> ) is set to <b>Loud</b> .
 <b>Soft Ring</b>	Indicates <b>Style</b> (in <b>Ring Styles</b> ) is set to <b>Soft</b> .
 <b>All Sounds Off</b>	Indicates <b>Style</b> (in <b>Ring Styles</b> ) is set to <b>Silent</b> .
 <b>Vibrate and Ring</b>	Indicates <b>Style</b> (in <b>Ring Styles</b> ) is set to <b>Vibrate and Ring</b> .
 <b>Vibrate then Ring</b>	Indicates <b>Style</b> (in <b>Ring Styles</b> ) is set to <b>Vibrate then Ring</b> .
 <b>Vibrate</b>	Indicates <b>Style</b> (in <b>Ring Styles</b> ) is set to <b>Vibrate</b> .

indicator	
<b>Speakerphone On</b>	Indicates speakerphone is on.
<b>New Text or MMS Message</b>	Appears when you receive a new text or multimedia message.
 <b>New Voicemail Message</b>	Appears when you receive a new voicemail message.

## enter text

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	Enter text using a method that you set.
Secondary	
Number	Enter numbers only (see page 29).
Symbol	Enter symbols only (see page 29).

## To assign a Primary or Secondary text entry mode:


- 1 In a text entry screen, press .
- 2 Scroll to **Entry Setup** and press .
- 3 Scroll to **Primary Setup** or **Secondary Setup** 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.
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.


## To change the text entry mode

Press  in the text entry screen to change the text entry until the desired mode is displayed.

## To select or edit a text entry mode:

Press  in any text entry screen, scroll to and select **Entry Mode**, then scroll to and select the desired entry mode.







## capitalisation

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

indicator	
<b>ab</b>	no capital letters
<b>AB</b>	all capital letters
<b>Ab</b>	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	
<b>1</b>	<b>2</b>	Tap, no capital letters
<b>1↑</b>	<b>2↑</b>	Tap, capitalise next letter
<b>1↑</b>	<b>2↑</b>	Tap, all capital letters
		iTAP™, no capital letters
		iTAP, capitalise next letter
		iTAP, all capital letters

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


indicator	
<b>12</b>	number mode
<b>@</b>	symbol mode


## tap method

This is the standard method for entering text on your phone.

Regular **Tap** method cycles through the letters and numbers of the key you press. The **Tap Extended** method cycles through letters, numbers, **and** symbols.


- 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** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode (see page 26).


## 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 **Select** 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 Select to accept **program**.



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.

## symbol method

In a 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 **Select** to enter it.

## delete letters & words

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

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

## handsfree speaker

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  **SPKR ON**. To turn the speaker off, press **SPKR OFF**.

You can also use an optional 2.5 mm wired headset to go handsfree.

**Note:** Mini USB headsets are not supported.

## 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**.

Your service provider may reset these codes. If not, you should change them to protect your personal information. The unlock code must contain four digits. The security code must contain six 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. (to lock and unlock keys see page 32). For more types of locks, see "security" on page 59.

**Note:** You can make emergency calls on a locked phone (see page 41). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer.**

**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 **Enter Unlock Code** until the next time you unlock your phone.

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

## memory card

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

**Note:** Your phone supports microSD memory cards with up to 2 GB capacity (greater than 1 GB capacity is guaranteed only for SanDisk microSD cards).

## format memory card

You will need to format the memory card before using it for the first time. This essential procedure creates the **Music** and **Picture** directories. If you do not




format a memory card before using it for the first time, your phone may not be able to read the contents of the card.

**Note:** Folder names are region dependant.

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

**Find it:**  >  **Settings** > **Initial Setup**





- 1 Scroll to **Format Additional Storage Device** and press **Select**.
- 2 When prompted, press **Yes** to continue or **No** to cancel formatting.


**Tip:** To access data stored on your microSD memory card, with your phone in the home screen, press  >  **Multimedia** > **Pictures** or **Music Library** >  > **Switch Storage Devices**. If there are no files stored on your memory card then your phone will automatically switch to its internal memory.

# tips & tricks

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**From the home screen** (page 24), you can use shortcuts:

To...	Do this...
<b>play music</b>	Press the left soft key to activate the music library.
<b>lock/unlock keypad</b>	Press   to lock or unlock.
<b>see recently dialled numbers</b>	Press  .
<b>use application shortcuts</b>	Press the left and right soft keys or the navigation key  .


To...	Do this...
<b>access voice mail</b>	Press and hold the  key to access your voice mail messages.

# customise



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## change 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 (  ) 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> .


## change main menu appearance

**To change your main menu appearance to either icons or a text-based list**, press  >  Personalise > Main Menu > View.


## MyMenu

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

### assign an item to MyMenu

- 1 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. If you want to assign the **Calculator** function to **MyMenu**, scroll to and select **Extras** (on the main menu) then scroll to **Calculator**.

- 2 With the desired option highlighted, press and hold  until the **MyMenu** confirmation appears, then select **OK**.
- 3 Press **Done** to accept the assigned key number, or scroll to **Key** and press **Change** to assign a different one.

## use MyMenu

**Find it:**  >  **Extras** > **MyMenu**



Scroll to the **MyMenu** item you want and press **Enter**.

## 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



**Find it:**  >  **Settings** > **Ring Style**


- 1 Select **Style** by pressing .
- 2 Scroll to a ring style and press .

### set alerts

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

**Find it:**  >  **Settings** > **Ring Style**

- 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 either **Any Key** or **Send Key Only** answer option.

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


## wallpaper

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

**Find it:**  >  **Personalise** > **Wallpaper**

**To select a wallpaper image:**



- 1 Scroll to **Picture** and press .

- 2 Scroll to the picture you want and press .

**or**

Select **(None)** to turn off wallpaper.

**To adjust wallpaper image layout:**


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


## screen saver

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

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

**To select a screen saver:**

- 1 Scroll to **Type** and select **Animation**.
- 2 Scroll to **Animation** and press .


3 Scroll to the animation you want and press .

or

Select **(None)** to turn off the screen saver.



**To specify how long your phone must be inactive before it displays the screen saver:**

1 Scroll to **Idle Time** and press .

2 Select a time period and press .

**Note:** To conserve battery life, turn off the screen saver.

## colour setting

To choose a **Colour Setting** (or skin) that sets the look and feel of your phone's display: Press  >  **Personalise** > **Colour Setting**.

## display settings

Select a time period the display light remains on.

**Find it:**  >  **Settings** > **Initial Setup** > **Display Settings**

## backlight

Select a time period the display backlight remains on.

**Find it:**  >  **Settings** > **Initial Setup** > **Backlight**

## quick dial

Set your favourite contact numbers to three Quick Dial options.

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

Scroll to the **Quick Dial** option (1, 2 or 3) that you want to set and press **Change**. Press **Browse** > **Contacts**, **Dialled Calls** or **Received Calls** to search for the number you need. Press **Ok** to accept the selected number.

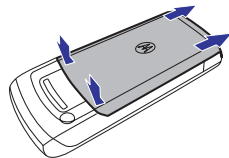
## change front cover

Your phone has a removable cover that you can replace to change its appearance.

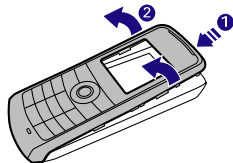
**Caution:** To avoid risk of personal injury or equipment damage, and maintain compliance with international RF exposure guidelines, do not use or charge your phone with either cover removed.

**Caution:** The covers are made of plastic and can be broken. Take care when removing or replacing any part of your phone. When changing covers, you are removing some of the phone's outer protection. Therefore, take extra care with your phone and avoid exposure to dirt, dust, liquids (including condensation), and static electricity. Replace all covers as quickly as possible. Always use Motorola approved covers.

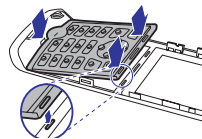
- 1 Remove battery cover and battery, then carefully but firmly ease the locating tabs from the phone to release the top of the cover.



- 2 Working down the phone, release the cover and slide it off the end of the phone.



- 3 Swap the keypad to the new cover, ensuring the top and bottom tabs are located securely.





- 4 To apply the new cover, insert the tab at the bottom of the new cover into the bottom of the phone, then use your thumbs to press along the sides of the cover as you fix it into place.
- 5 Replace the battery and cover.

# calls

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To make and answer calls, see page 22.

## redial a number

- 1 From the home screen, press  to see a list of recent 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 Dialed 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 **View**.

Press the centre key  while viewing a list of recent calls to see these options:

option	
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Show ID / Hide ID	Show or hide your phone number when making a call.

option	
Send Message	Create a new text message with the number in the <b>To</b> field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the <b>Contacts</b> or recent calls lists.

## return a missed call

When you miss a call, your phone plays an alert and displays the  (missed call) indicator and a missed call notification. 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 or Dialed Calls

## 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 . To switch between the calls, press **Switch** again.
- To send the second call to your voicemail, press **Ignore**.

## speed dial

Each **Contacts** entry you store is assigned a unique speed dial number.

**Find it:**  >  **Contacts** > [Entry] >  > **Edit**

To speed dial a number, simply enter the speed dial number and press  > .

**Note:** Your service provider may have already assigned speed dial number 1 as your voicemail number.

## call divert



Set up or cancel call divert:

**Find it:**  >  **Settings** > **Call Divert**


Choose **Voice**, **Fax**, or **Data** and then select which type of calls to forward and the phone number to forward the calls to.

## 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 **Store** to store the number in **Contacts**.

## emergency calls

Your service provider programs emergency phone numbers, (such as 999 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 preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

# messages

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



**Note:** Your phone can store a maximum of 500 messages.

## send a message


**Find it:**  >  Messages > Create



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


3 When you finish the message, press **OK**. Choose one or more people to **Send to**.

4 Press **Done** > **Send**.


## quick text

Set your home screen to access the  **Quick Text** option so that you can send messages faster.

**Find it:**  >  Personalise > Home Screen > Home Keys > Up/Down/Left /Right > Quick Text

After setup you can quickly access the text entry screen by pressing the Navigation key direction you set for  **Quick Tex**.

## receive a message

When you receive a message, your phone plays an alert and displays the  (new message) indicator and a new message notification. Press **Read** 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 > Inbox

Scroll to the message you want to read. Press **Read** 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 at any time:**

**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.





# entertainment

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## FM radio

**Find it:**  >  Multimedia > FM Radio

To use the **FM Radio** you need to connect a stereo headset to the 2.5 mm headset jack.

- Press  or  to change the frequency.
- Press  or  to adjust the volume.
- Press **Options** > **Mute** to mute the radio.


## use the radio presets

- 1 Tune in the desired frequency by pressing  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**.

- 2 Press and hold a number key to save that number as the preset.

## select a radio preset

- 1 Press **Options** > **Station Presets** to view a list of all radio presets.
- 2 Press  up or down to select a preset.

**Tip:** If you know the number assigned to the preset station, you can just press the keypad number to select it.

## record FM radio clips

- 1 Press **Options** > **Record**.

- 2 Press **Options > Stop Recording** to stop the recording.  
The clip is saved in  **Multimedia > Music Library**.

**Note:** The maximum length of a recorded clip is 100 seconds (around 97.6Kbytes).

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

**Note:** Playback of recorded radio clips is in mono format only.

## share a radio station

Share your favourite radio stations with friends:

**Find it:**  >  **Multimedia > FM Radio > Options > Send Station Info**

Use the message screen to send the station frequency. Your friend can access the station with a single click.

## select the radio output

You can play the radio through a stereo headset or a speaker. Press **Options > Use Speaker** or **Use Headset**.

## music library








Use your phone to play music files of type iMelody, MIDI and MP3:

**Find it:**  >  **Multimedia > Music Library**

**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:** You can listen to music on the move. Connect a stereo headset for high quality music playback.

## music library controls

function	
scroll up/down through song list	Before music playback, press  or  .
play	Press <b>Play</b> .
pause/resume	Press  .
fast forward	Press & hold  right (for at least two seconds).
skip to next/previous song	Press & release  right or  left.
rewind	Press & hold  left (for at least two seconds).
turn off	Press <b>Back</b> .

## playlists

**Find it:**  >  Multimedia > Music Library

- To create a new playlist, scroll to **[New Playlist]** and press **Select**.
- To edit an existing playlist, scroll to the playlist and press  > **Edit**.
- To select and play a playlist, scroll to the playlist and press **Play**.

**Note:** If a call comes in while listening to music press **Answer** to accept or **Ignore** to reject the call.

## music library options

option	
<b>New</b>	<b>Playlist</b> - Create a new playlist.
	<b>iMelody</b> - Create a custom ringtone.

option	
<b>Categories</b>	Create and manage categories for your music files.
<b>Sound Setup</b>	<b>Auto Repeat</b> - Repeat the selected song or all songs in the current playlist.
<b>View Free Space</b>	View space remaining on your phone.

## WebAccess

Use your phone to access web pages.

**Find it:**  >  WebAccess

### WebAccess controls

option	
<b>Start Browser</b>	Open the web browser.
<b>Web Shortcut</b>	Access a preset shortcut to a web page.
<b>Go to URL</b>	Enter a web page URL (address).
<b>Web Session</b>	Access a stored web session.
<b>Stored Pages</b>	Go to a previously stored page.
<b>History</b>	Access a list of recently viewed web sites.
<b>General Setting</b>	Clear history, reset cache or clear cookies.

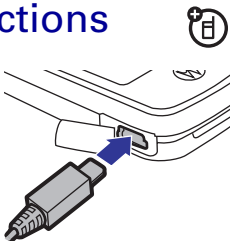
# connections

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## 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:

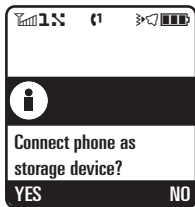
- Be sure to connect the phone to a high-power USB port **on your computer** (not a low-power one, such as the USB port on your keyboard or bus-powered USB hub).

**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 the phone is in the home screen.

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

Attach the Motorola Original USB cable to the mini-USB port on your phone and to an available USB port on your computer. Select **Yes** to connect the phone as a storage device.



**Note:** Selecting **No** will start charging the phone battery.

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 in the system tray 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:




- music files (iMelody, MIDI and MP3): **\music**.  
To help manage your music, you can also create new folders in the **\music** folder.
- picture files (JPG, PNG, or BMP): **\picture**.

**Note:** The maximum size of single picture file is 100 KB at a resolution of 640 x 640 dpi.



# other features

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## phonebook

features
<b>create entry</b> ••• >  <b>Contacts</b> > <b>[New Entry]</b>
<b>edit entry</b> ••• >  <b>Contacts</b>  Scroll to the entry and press ••• > <b>Edit</b> to edit the entry. Scroll up or down and press ••• to edit fields. Press <b>Done</b> to save your changes.
<b>delete entry</b> ••• >  <b>Contacts</b>  Scroll to the entry and press ••• > <b>Delete</b>

## more message features


features
<b>send text message</b> ••• >  <b>Messages</b> > <b>Create</b>  Press <b>Insert</b> to view insert options.  You can also select a contact first. Press •••, and select <b>Send Message</b> to compose a message.
<b>use MMS template</b>  Select a multimedia template with preloaded media:  ••• >  <b>Messages</b> > <b>MMS Templates</b>

## features

### view sent messages

 >  Messages > Outbox


Scroll to the message and press **Read**.

Press  to view message options.

### read received messages

 >  Messages > Inbox

Scroll to the message and press **Read**.


Press  to view message options.

### drafts

View messages saved in **Drafts** folder:

 >  Messages > Draft




Scroll to the message and press **Select**.

Press  to view message options.

## features

### erase messages


Delete all messages or only messages from one folder:

 >  Messages >  > Cleanup Messages




Select **All**, **Inbox**, **Browser Msgs**, **Info Services**, **Outbox**, or **Drafts**.

### set up voicemail
























 >  Messages >  > Voicemail Setup

### view the message memory status

 >  Messages >  > Memory Status

# more personalising features

<b>features</b>
<b>ring volume</b>  >  Settings >  Ring Style > <i>Style Detail</i> > Ring Volume
<b>define answer option</b>  >  Settings >  In Call Setup > Answer Options
<b>keypad volume</b>  >  Settings >  Ring Style > <i>Style Detail</i> > Key Volume
<b>colour setting</b> Colour Setting options include <b>Mot, Solar and Jade.</b>  >  Personalise > Colour Setting

<b>features</b>
<b>my pictures</b>  >  Multimedia > Pictures
<b>set screen saver</b>  >  Personalise > Screen Saver
<b>set time and date</b>  >  Settings >  Initial Setup > Time and Date
<b>reminders</b> Set your phone to play reminder alerts for unread messages, missed calls, or voicemail messages that you receive:  >  Settings >  Ring Style > <i>Style Detail</i> > Reminder



## features

### greeting

Change the greeting that appears when you turn on your phone:

 >  Personalise > Greeting



### change home screen soft key labels

 >  Personalise > Home Screen > Home Keys

**Note:** This feature's availability depends on your service provider.

### text layout



Set home screen text to be left justified or centered:

 >  Personalise > Home Screen > Layout

## features

### clock view

Display an analog clock or digital time readout in the home screen:

 >  Personalise > Home Screen > Clock Set

### menu view

Display the main menu as icons or a text list:

 >  Personalise > Main Menu > View

### show or hide menu icons

Show or hide menu feature icons in the home screen:

 >  Personalise > Home Screen > Home Keys > Icons

### menu language

 >  Settings >  Initial Setup > Language

## features

### scroll

Set the scroll bar to stop or wrap around in menu lists:

 >  Settings >  Initial Setup > Scroll

### master reset

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

 >  Settings >  Initial Setup > Master Reset

To reset all options, you need to enter the **Security Code (000000)**.

## 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 Code (000000)**.

# 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

### view call times

 >  Recent Calls > Call Times

Scroll to **Last Call**, **Dialled Calls**, **Received Calls**, **All Calls**, or **Life Time**, and press **Select**.

### view data times

 >  Recent Calls > Data Times

### view data volumes





 >  Recent Calls > Data Volumes





# in call menu








During a call you access the in call menu by pressing










features
<b>access a list of available phone lines.</b>
 > My Tel Numbers
Scroll to a line and press <b>Select</b> .
<b>mute the call</b>
 > Mute
<b>hold the call</b>
 > Hold
<b>accept a new call</b>
 > New Call



features
<b>access list of contacts</b>
 > Contacts
<b>access list of dialled calls</b>
 > Dialled Calls
<b>access list of received calls</b>
 > Received Calls
<b>access message menu</b>
 > Messages

# headset

features
<b>auto answer</b> 
Automatically answer calls when connected to a headset:
 >  Settings >  Headset > Auto Answer
<b>Note:</b> Both mono and stereo headsets are supported for voice only.
<b>change volume</b>
Press  right to increase and left to decrease the headset volume during a call.

features
<b>network settings</b>
View network information and adjust network settings:
 >  Settings >  Network
<b>select a band</b> 
 >  Settings >  Network > Band Selection



# personal organiser

features
<b>add calendar event</b>
 >  Extras > Calendar
Scroll to the desired day and press <b>Select</b> , then scroll to <b>[New]</b> and press <b>Select</b> .

## features

### view calendar event

View or edit event details:

 >  Extras > Calendar



Scroll to the desired day and press **Select**, then scroll to the event and press **View**.


### event reminder

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

### copy calendar event

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

 >  Extras > Calendar




Scroll to the desired day and press **Select**, then scroll to the event and press . Scroll to **Copy** and press **Select**.

## features

### set alarm

 >  Extras > Alarm Clock

**Note:** You can set the FM radio as your alarm device by selecting **Alert** > **Radio** from the **Alarm Clock** menu.

**Note:** To select an MP3 music file or recorded radio clip as your alarm tone, press  >  Settings >  Ring Style > *Style Detail* > Alarm.


### calculator

Calculate numbers:

 >  Extras > Calculator

### convert currency

 >  Extras > Calculator

Press , then scroll to **Convert Currency** and press **Select**.

# security

## features

### 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**.

### DTMF tones

Your phone can send Dual Tone Multi Frequency (DTMF) tones for calling card calls or other automated touch-tone calls.

 >  Settings >  Initial Setup > DTMF

Select **Short DTMF** or **Long DTMF**.

## features

### change unlock and security codes

 >  Settings >  Security > New Passwords  
> **Unlock Code** or **Security Code**

**Note:** The default code is **1234**.

# fun & games

## features

### play a game



 >  Games

## features

### manage music

Manage music and create playlists:

 >  **Multimedia** > **Music Library**

To play a sound, scroll to the music title and press **Play**.




To create a playlist, scroll to **[New Playlist]** and press **Select**.

Enter a playlist name and select the audio files.

### manage pictures

 >  **Multimedia** > **Pictures**

To view a picture, scroll to the image and press **View**.

**Note:** To access sounds or pictures stored on your microSD memory card, from the home screen, press  >  **Multimedia** > **Pictures** or **Music Library** >  > **Switch Storage Devices**.

# Specific Absorption Rate Data

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## 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 is 1.17 W/kg.<sup>1</sup> 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's guide.<sup>2</sup> In this case, the highest tested SAR value is 0.95 W/kg.<sup>1</sup>

As SAR is measured utilizing 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 "handsfree" 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.

# Hearing Aid Compatibility with Mobile Phones

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Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has “Rated for Hearing Aids” printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user’s hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device’s telecoil (“T Switch” or “Telephone Switch”) than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

# Information from the World Health Organization

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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

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Motorola understands that privacy and data security are important to everyone. Because 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.hk](http://www.motorola.com.hk) 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 emergency caller location requirements of the FCC, 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](mailto:privacy@motorola.com), or contact your service provider.

# Smart Practices While Driving

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## Drive Safe, Call Smart<sup>SM</sup>

**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](http://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 handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an



inconvenient time, if possible, let your voicemail answer it for you.

- **Let the person you are speaking 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 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.\*

- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.\*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.\*

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\* Wherever wireless phone service is available.

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U.S. patent Re. 34,976

[www.motorola.com.hk](http://www.motorola.com.hk)



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