

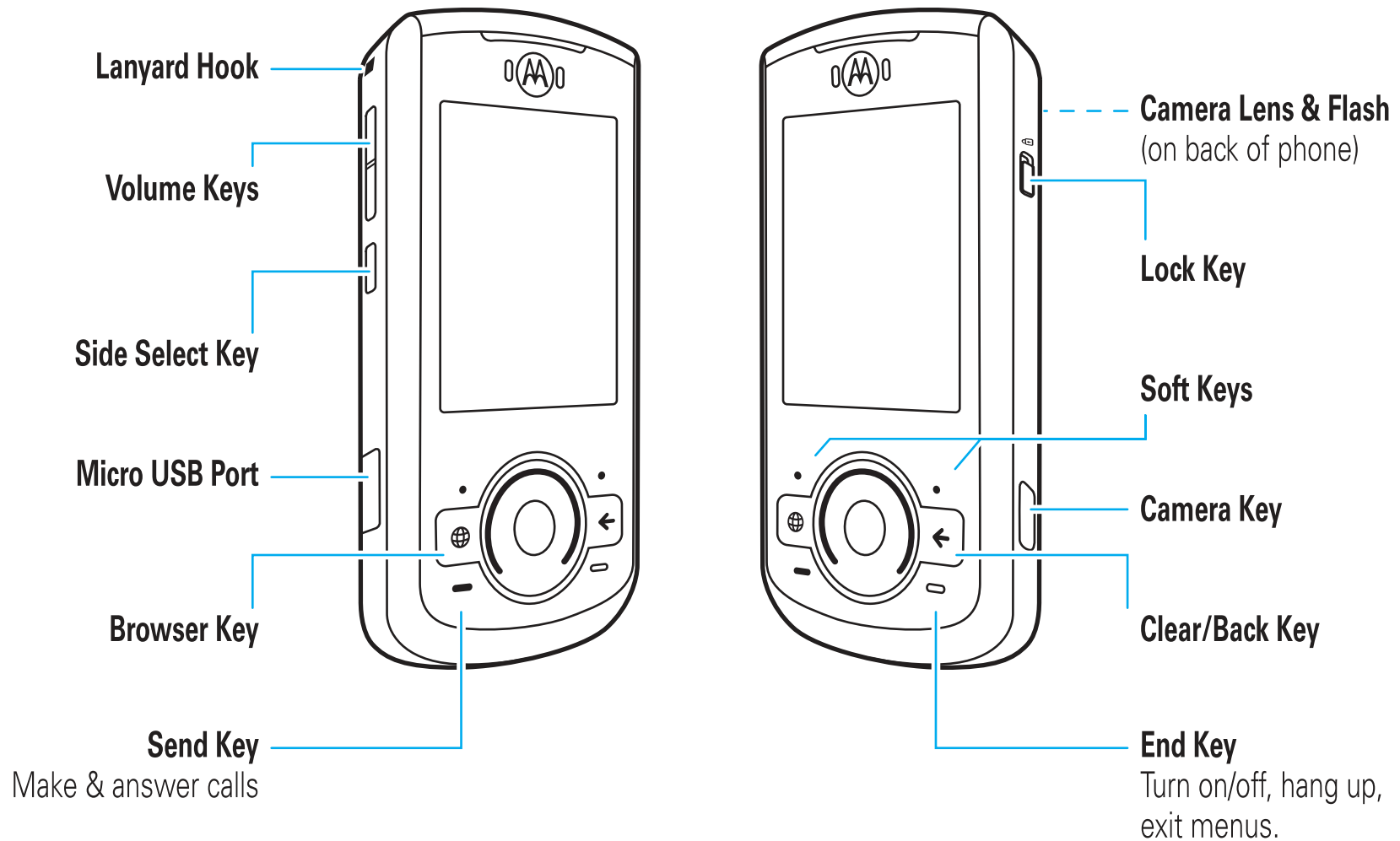


MOTOTM VE66

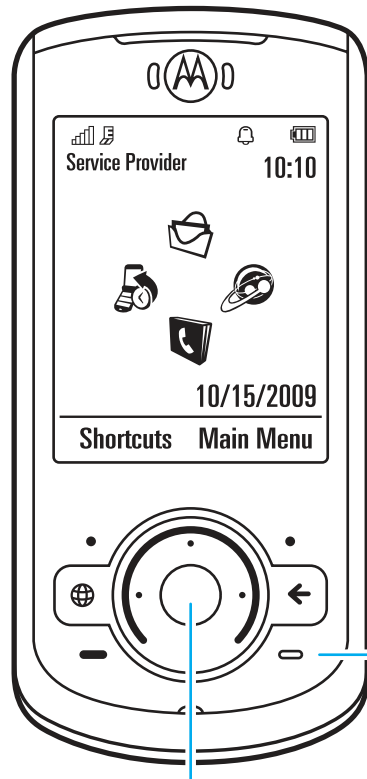
User's Guide

HELLOMOTO

Introducing your new **MOTO™** VE66 GSM wireless phone. Here's a quick anatomy lesson.



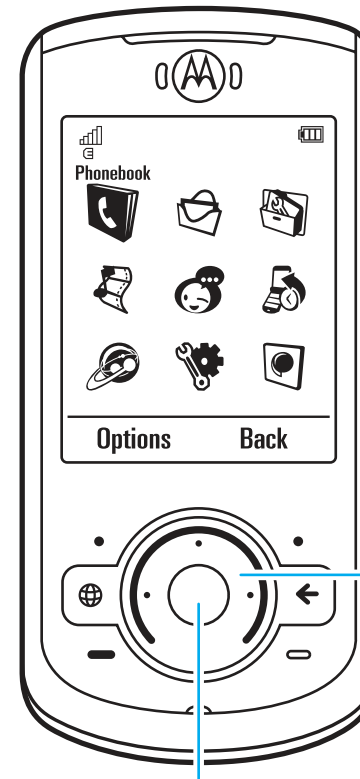
Home Screen



① Press & hold  until the display lights up, to turn on your phone.

② Press  to open the **Main Menu**.

Main Menu



③ Press  up/down/left/right, or use the FastScroll™ touch wheel, to scroll to a menu feature.

④ Press  to select it.

Note: This is the standard home screen and main menu layout. **Your phone's home screen and main menu may be different.** To change your home screen shortcuts and main menu appearance, see your *Quick Start Guide*.

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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.

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

Product Operation

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

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

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

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your doctor before using this mobile device. Persons with implantable medical devices should observe the following precautions:

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

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

Driving Precautions

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

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue use if you cannot concentrate on driving.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.
- Do not place a mobile device in the airbag deployment area.

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola web site:

www.motorola.com/callsmart.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Operational Warnings

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

Potentially Explosive Atmospheres

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

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

Symbol Key

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

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.

Symbol	Definition
	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.
	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.

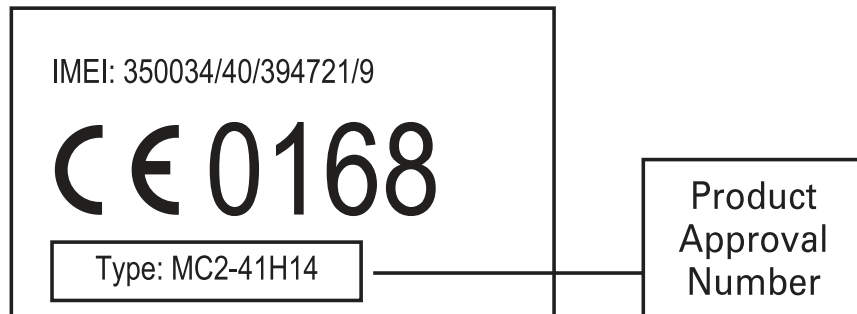
European Union Directives Conformance Statement



[France Only]

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:  >  **Multimedia** > **Camera**

This means that, from the home screen:

- 1 Press the *centre key*  to open the menu.
- 2 Press the *navigation key*  to scroll to  **Multimedia**, and press  to select it.
- 3 Press  to scroll to **Camera**, and press  to select it.

This guide uses the following symbols:

symbols	
	This means a feature is network, SIM card or 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.

battery

battery charging notes

For instructions on charging the battery, see your *Quick Start Guide*.

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 charge your battery by connecting a cable from your phone's micro USB port to a USB port on a computer. Both your phone and the computer need to be turned on, and your computer has to have the correct software drivers installed. A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.



Note: When recharging a completely dead battery, the charging time required for your phone to power up can vary, depending on the type of battery charger you use.

battery use & safety

IMPORTANT: HANDLE AND STORE BATTERIES PROPERLY TO AVOID INJURY OR DAMAGE. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, get 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 onto 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.rbrc.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.

shortcuts

Your phone provides shortcuts to some frequently-used features. You can use the following shortcuts from the home screen.

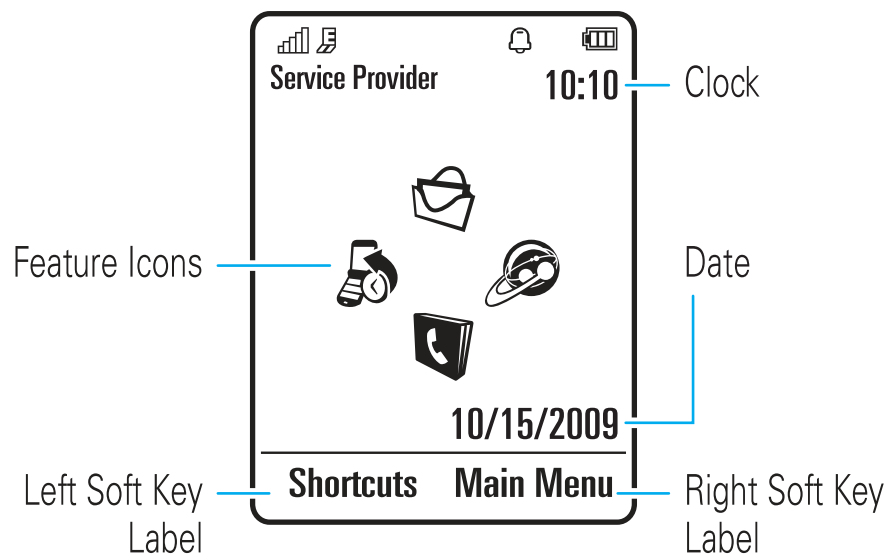
To...	Do this...
change the alert style	Press Shortcuts > Change Alert Style .
send a text message	Press Shortcuts > Create Message .
change the wallpaper image	Press Shortcuts > Change Wallpaper .
create a new contact	Press Shortcuts > Create Contact .
connect to a Bluetooth® device	Press Shortcuts > Find Bluetooth Devices .

To...	Do this...
use widgets	Press Shortcuts > Widget Library .
change the alert style to vibrate only	Press and hold  .
go to the dialled calls list	Press  .

basics

display

The *home screen* appears when you turn on the phone.



Note: Your home screen may look different, depending on your service provider.

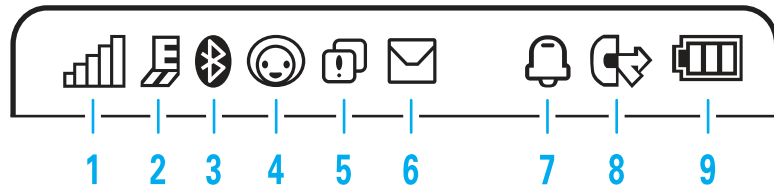
To dial a number from the home screen, press the number keys and . Press  to delete numbers or return to the home screen.

Press the *centre key*  or the **Main Menu** soft key to open the main menu. When a menu is open, press  to go back one menu. Press  to exit all menus and return to the home screen.

Press **Shortcuts** in the home screen to access some frequently-used phone features.

Press the *navigation key*  up, down, left or right in the home screen to open basic features. To show, hide or change feature icons in the home screen, see your *Quick Start Guide*.

Status indicators appear at the top of the home screen:



1 Signal Strength Indicator – Shows the strength of the wireless network connection.

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



3 Bluetooth/WiFi Indicator – When Bluetooth power is turned on, the Bluetooth indicator shows Bluetooth status:

blue = power on

green = connected

flashing blue = discoverable

The WiFi indicator  appears in **red** when WiFi power is turned on. The WiFi indicator turns **green** when your phone establishes a WiFi network connection with another device.



4 Messaging Presence Indicator – Shows your instant messaging (IM) status:



 (green) = online

 = offline

 = busy

 = discrete

 (grey) = invisible to IM

- 5 Missed Event Indicator** – Shows when you have missed calls or unread messages.



When instant messaging is active, the IM indicator  shows when you receive a new IM message.

- 6 Message Indicator** – Shows when you receive a new text message. Other indicators can include:



 = voicemail message

 = email message

- 7 Alert Style Indicator** – Shows the alert style setting:

 = ring loud

 = ring soft

 = ring and vibrate

 = vibrate then ring

 = vibrate only

 = silent

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



 = line 1 active

 = line 2 active

 = line 1 call forward on

 = line 2 call forward on

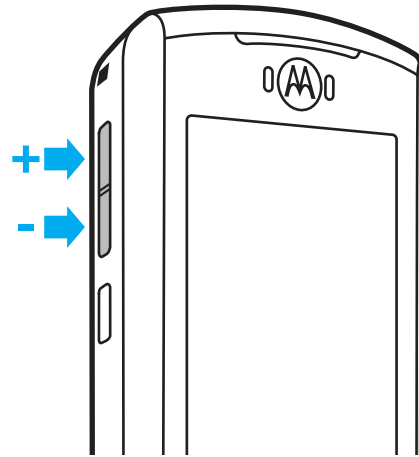
When you set an alarm, the alarm indicator  appears at this location.

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

volume

Press the *volume keys* to:

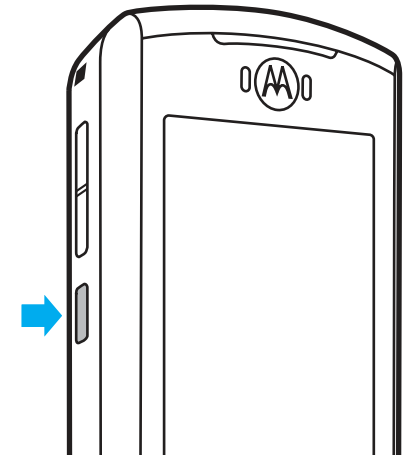
- turn off an incoming call ringer
- change earpiece or speakerphone volume during a call
- change playback volume for a song or video
- change the radio volume
- set your phone's alert style in the home screen (press the volume keys to scroll to an alert style, then press  or the side select key to select it)



side select key

The *side select key* gives you another way to do things. For example, when you scroll to a menu item, you can press the side select key to select it (instead of pressing .

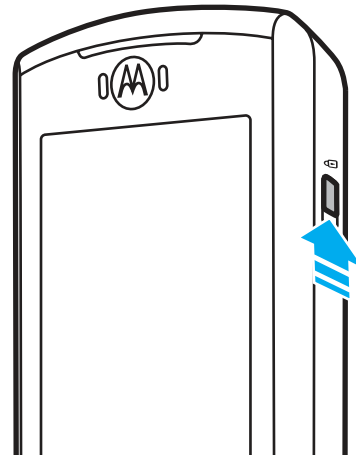
Tip: From the home screen, press the side select key to open the **Media Finder**.



lock key

Slide the *lock key* **up to lock** the phone keys, to prevent accidental keypresses during a call, or while playing music.

Slide the lock key **down to unlock** the phone keys.



- 2 Wait for the beep, then say the **full name** of the contact as it appears in your contact list (for example, "John Smith"). Your phone confirms the name and makes the call.

or

Say "Dial Number". Your phone prompts you to speak the digits in the phone number. Speak the digits. Your phone confirms the number and makes the call.

Tips:

- You can say a contact's name and number type together. For example, say "John Smith mobile" to call the mobile number stored for John Smith.
- For voice command help, press and hold , then press **Help**.

voice commands

You can use voice commands to tell your phone what to do.

Note: Not all languages support voice commands.

voice dial a call

You can dial a contact list entry by speaking its name, or dial any phone number by speaking its digits.

- 1 Press and hold .

voice activate phone functions

You can use voice commands to open applications and perform many basic phone functions.

- 1 Press and hold .
- 2 Wait for the beep, then say a command from the list.

voice commands
"<Name>"
"Dial Number"
"Send Message To <Name>"
"Check Calendar"
"Check New Message"
"Check New Email"
"Add New Contact"
"Talking Phone"
"Check Battery"
"Check Signal"
"Check Time"

voice commands
"Check Date"
"Open Setup"
"Open Recent Calls"
"Open Theme"
"Open Camera"
"Open Web Access"
"Set Ring Loud"
"Set Vibrate"
"Set Silent"
"Set Aeroplane Mode"
"Set Aeroplane Mode Off"

Tip: Press and hold  to see the list of voice commands.

talking phone

You can set your phone to read the names of menu features or contact list entries, recite phone number digits you type in the home screen and/or read text messages or email messages you receive (in English only).

Find it:  >  **Settings** > **Phone Settings** > **Talking Phone**

Shortcut: Press and hold . When the phone prompts you to say a command, say "Talking Phone".

hands-free speaker

During a call, press **Options** > **Speaker On** to turn the hands-free speaker on. Your display shows the speakerphone indicator until you turn it off (**Options** > **Speaker Off**) or end the call.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you cannot

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.

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234**. The six-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

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

You can also change your **SIM PIN** codes or call barring password.

If you forget your unlock code: At the **Please verify the Unlock Code** prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press  to enter your six-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code or call barring password, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. You'll need to enter the four-digit unlock code to lock or unlock your phone.

To **manually lock** your phone:

Find it:  >  Settings > Security > Phone Lock > Lock Now

To **automatically lock** your phone whenever you turn it off:

Find it:  >  Settings > Security > Phone Lock > Lock at Power On > On

lock your SIM card or applications

Note: You'll need to enter your SIM PIN code to lock or unlock the SIM card. If you forget your PIN code, contact your service provider.

Caution: If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled and your display shows **SIM Blocked**.

To **lock or unlock your SIM card**:

Find it:  >  Settings > Security > SIM PIN Lock

To **lock an application** (such as Messages):

Find it:  >  Settings > Security > Application Lock

You'll need to enter the four-digit unlock code to see the applications list. Select an application and choose **Locked** to lock it.

personalise

slider features

slide tone

Set a **slide tone** to play when you open or close the slider:

Find it:  >  **Settings** > **Sounds and Ringtones** > **Slide Tone**
> *slide tone* or **None**

Note: Slide tone volume is linked to the keypad volume setting. You won't hear the slide tone when the keypad volume is turned off.

slide close

Set your phone to continue running active applications (including calls), close active applications (including calls) or end calls when you close the slider:

Find it:  >  **Settings** > **Phone Settings** > **Slide Closed**
> **Continue All Tasks** or **End All Tasks** or **End Calls Only**

alert styles

You can quickly change your phone's alert style to match your activity or environment. The alert style indicator shows at the top of the home screen.

 **Ring Loud**

 **Ring Soft**

 **Ring and Vibrate**

 **Vibrate then Ring**

 **Vibrate Only**

 **Silent**

To change your alert style: From the home screen, press the volume keys on the side of your phone. Or, from the home screen press **Shortcuts** > **Change Alert Style**.

The **Vibrate Only** and **Silent** alert styles silence your phone until you set another alert style.

Shortcut: From the home screen, press and hold  to quickly set the alert style to **Vibrate Only**.

change alert style settings

You can change the ringtones that notify you of incoming calls and other events. You can also change the keypad tone volume and slide tone. The changes you make are applied to all alert styles.

Find it:  >  **Settings** > **Sounds and Ringtones**

- 1 Press  up/down to scroll to the setting you want to change, then press .
- 2 Change the setting as desired.
- 3 Press **Back** to exit and save your changes.

preview ringtones

To preview the ringtones on your phone:

Find it:  >  **Settings** > **Sounds and Ringtones**, > **Ringtones** > **Ringtones**

- 1 Press  up/down to scroll and listen to each ringtone in turn.
- 2 Press  to set the highlighted ringtone as your call alert.

create a new alert style

To create a **new** alert style with your own volume and call alert settings:

Find it:  >  **Settings** > **Sounds and Ringtones** > **Ring Mode** > **Options** > **Create Ring Mode**

- 1 Press  up/down to scroll to the default alert style name, then press  to select it.
- 2 Change the alert style name as desired.

- 3 Press  up/down to scroll to the setting you want to change, then press  to select it.
- 4 Change the setting as desired.
- 5 Press **Save** to save your changes.

edit or delete alert styles

To **edit** an alert style:

Find it:  >  **Settings** > **Sounds and Ringtones** > **Ring Mode**, scroll to the alert style, press **Options** > **Edit Ring Mode**

Note: You cannot edit the **Vibrate Only** or **Silent** alert styles.

To **delete** a custom alert style:

Find it:  >  **Settings** > **Sounds and Ringtones** > **Ring Mode**, scroll to the alert style, press **Options** > **Delete Ring Mode**

time & date

Your phone can automatically update the time and date. It uses the time and date for the **Calendar**.

To **synchronise** time and date with the network:



Find it:  >  **Settings** > **Phone Settings**
> **Time & Date** > **Auto-update Time** > **On**

To **manually** set the time and date:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Auto-update Time** > **Off**, then scroll and select **Time and Date**

To adjust time and date, press  left/right to scroll to a setting, then press  up/down to change it. Press **Set** to save your settings.

To show a **12-hour or 24-hour** digital clock in the home screen:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Time Format** > **12 Hour Clock** or **24 Hour Clock**

To set the **date format** in the home screen:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Date Format**

To set your **time zone**:

Find it:  >  **Settings** > **Phone Settings** > **Time & Date**
> **Time Zone**, then select a city in your time zone

Shortcut: Press keypad keys to enter the first letters of the city you want.

themes

Use a phone *theme* to personalise the appearance and sound of your phone. Each theme uses a different wallpaper image, screensaver image and ringtone.

Find it:  >  **Settings** > **Themes** > *theme*

wallpaper

Change the background *wallpaper* image in the home screen:

Find it:  >  **Settings** > **Display** > **Wallpaper** > **Wallpapers and Graphics** > *image*

Shortcut: From the home screen, press **Shortcuts** > **Change Wallpaper**.

To apply a **photo** as a wallpaper image:

Find it:  >  **Multimedia** > **Media Finder** > **Photos**
> **Captured**, scroll to the photo, press **Options** > **Apply to**
> **Wallpaper**

To **resize** a wallpaper photo so it displays at the correct size:

Find it:  >  **Settings** > **Themes**, press **Options** > **Edit**

- 1 Press  right to select the **images** tab .
- 2 Press  down to scroll to **Wallpaper Layout**, then press  to select it.

3 Scroll to **Fit-to-Screen**, then press **Select**.

4 Press **Save** to save the setting.

screensaver

Change the *screensaver* image that appears in your phone's display after a period of inactivity:

Find it:  >  **Settings** > **Display** > **Screensaver**
> **Screensavers** > *image*

To extend battery life, turn off the screensaver:

Find it:  >  **Settings** > **Display** > **Screensaver** > **None**

skin

A *skin* sets the look and feel of your phone's display. To change the skin:

Find it:  >  **Settings** > **Display** > **Skin** > *skin*

home screen shortcuts

From the home screen, you can press the *navigation key*  up, down, left or right as shortcuts to your favourite features.



To **change** navigation key shortcut icons in the home screen:

Find it:  >  **Settings** > **Display** > **Home Screen** > **NaviKey Shortcuts** > **Up, Down, Left or Right**

Select a direction, then choose the feature you want to open when you press  in that direction.

To **show or hide** navigation key shortcut icons in the home screen:

Find it:  >  **Settings** > **Display** > **Home Screen** > **NaviKey Shortcuts** > **Icon Display** > **Show or Hide**

Note: You can press  to select the features in the home screen even when the icons are hidden.

main menu

You can set the main menu **view** to appear as a grid of graphic menu icons, a text-based list or a menu icon spinner you scroll through using the left/right nav keys. From the main menu, press **Options** > **View by** > **Grid** or **List** or **Spinner**

To change the **order** of the main menu features, press **Options** > **Reorder**, scroll to the feature you want to move, press **Grab**, scroll to the destination location, press **Insert**.

display appearance

To set your display **brightness**:

Find it:  >  **Settings** > **Display** > **Brightness**

To save battery life, the display turns off when you're not using your phone. To set the display **timeout** delay interval:

Find it:  >  **Settings** > **Display** > **Backlight Timeout**

more personalising features

features

language

Set menu language:

 >  **Settings** > **Phone Settings** > **Language and Input**
> **Language**

reset settings

Reset default settings for all options **except** the unlock code, security code and lifetime timer:

 >  **Settings** > **Phone Settings** > **Reset** > **Reset All Settings**

features

delete data

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

 >  Settings > Phone Settings > Reset > Delete All Data

features

delete memory card information

Caution: This option **erases all information you have entered** (including contacts and calendar entries) **and content you have downloaded** (including pictures, videos and music files) stored on your memory card and/or SIM card. After you erase the information, you cannot recover it.

 >  Settings > Phone Settings > Reset > Delete Memory Cards

calls

turn off a call alert

To turn off the ringer for an incoming call, press the volume keys on the side of your phone.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect.

Find it:  >  **Recent Calls**

Shortcut: Press  from the home screen to go to the **Dialled Calls** list.

- 1 Press  left/right to select a call list: **All Calls**, **Dialled Calls**, **Answered Calls**, **Missed Calls** or **Frequent Calls**.
- 2 Press  up/down to scroll to a phone number.

Icons indicate if the call was incoming , outgoing  or missed . A tick mark next to the icon indicates a connected call.

- To call the number, press .
- To check if your caller left a voicemail message, see page 67.
- To see call details (like time and date), press .
- Press **Options** to perform other operations on the number (send a message, save to contacts), or to set recent call options.

redial

- 1 Press  in the home screen to go to the **Dialled Calls** list.
- 2 Scroll to the number you want to call, then press .

If you hear a **busy signal** and see **Call Failed**, press  or **Retry** to redial the number. When the call goes through, your phone shows **Connected** and connects the call.



return a call

When your phone shows a list of calls you've missed, press  to scroll to a call, then press  to see call information. To return the call, press .

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call.



Your phone shows the caller's name and picture when they are stored in your contact list, or **Incoming Call...** when caller ID information isn't available.

Note: Picture IDs aren't available for contacts stored on the SIM card.

Tip: Want to know who's calling without even looking at your phone? To give one of your contacts a special ringtone, see page 75.

To show or hide your phone number for the next outgoing call, enter the number you want to call, then press **Options** > **Show ID** or **Hide ID**.

To show or hide **your phone number** for all calls:

Find it:  >  **Settings** > **Call Settings** > **Dialling Setup** > **My Caller ID** > **All Calls** > **Show ID** or **Hide ID**

emergency calls

Your service provider programmes one or more emergency phone numbers, such as 999 (UK) or 112 (Europe), on your phone. Provided that the phone is switched on and in network coverage, you can make emergency calls using the programmed numbers, even when your phone is locked or the SIM card is not inserted (*where allowed by the network operator*).

Note: Check with your service provider, as 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. Do not solely rely on your wireless phone for essential communications, such as medical emergencies.

To make an emergency call: Turn your phone on, exit any open application such as games, dial the

emergency number, then press  to call the emergency number.

hands-free

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you cannot 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.

features

auto answer (headset)



Automatically answer calls when connected to a car kit or headset:

 >  **Settings > Connections > Handsfree Settings**
> **Auto-Answer**

features

voice dial (headset)



Enable voice dial with headset send/end key:

 >  **Settings** > **Connections** > **Handsfree Settings** > **Voice Dial**

answer options

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

option

Any Key Answer Answer by pressing any key.

Open To Answer Answer by opening the slider.

Note: You can always press  to answer a call.

call times & costs

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

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

features

call times



See call timers:

 >  **Recent Calls**, press **Options** > **Call Times**

features

in-call timer



Show call time information during a call:

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

call costs



See call cost trackers and credit information:

 >  **Recent Calls**, press **Options** > **Call Costs**

call cost setup



Set a credit limit:

 >  **Recent Calls**, press **Options** > **Call Costs** > **Call Cost Setup**

data times



See data call timers:

 >  **Recent Calls**, press **Options** > **Data Times**

features

data volumes



See data volume meters:

 >  **Recent Calls**, press **Options** > **Data Volumes**

more calling features

features

speed dial

Your phone can store nine phone numbers that you can call with a single keypress. To **store** a speed dial phone number:

 >  **Contacts**, press **Options** > **Contacts Settings** > **Speed Dial List** > *speed dial location*

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

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 number keys to dial the country code and phone number.

hold a call

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

mute a call

Press **Options** > **Mute** to put all active calls on mute.

features

call waiting



When you're on a call, you'll hear an alert if you receive a second call. Press **[icon]** to answer the new call.

- To switch between calls, press **Switch**.
- To connect the two calls, press **Options** > **Link Calls**.
- To end the call on hold, press **Options** > **Call Waiting**.

To turn call waiting on or off:

[icon] > **[icon]** **Settings** > **Call Settings** > **In-Call Setup** > **Call Waiting** > **On** or **Off**

features

third call waiting



When you're on a call, and have a second call on hold, your phone notifies you if you receive a third call.

- To end the active call, scroll and select **End Active Call**.
- To end the held call, scroll and select **End Held Call**.
- To ignore the third call, press **Ignore**.

To turn call waiting on or off:

⬅️ ➡️ > ⚙️ **Settings** > **Call Settings** > **In-Call Setup** > **Call Waiting** > **On** or **Off**

conference call



During a call:

Dial next number, press , press **Options** > **Link Calls**

features

transfer a call



During a call:

Dial next number, press , press **Options** > **Transfer**

call forwarding



Set up call forwarding:

⬅️ ➡️ > ⚙️ **Settings** > **Call Settings** > **Call Forward** > **Voice Calls** > **Forward Calls** > **All Calls** or **If Unavailable**, select **To**, then specify the forwarding number

Cancel call forwarding:

⬅️ ➡️ > ⚙️ **Settings** > **Call Settings** > **Call Forward** > **Cancel All**

Note: The **Cancel All** option cancels all call forwarding, including data and fax calls.

features

TTY calls



Note: A teletypewriter (TTY) is a communication device used by people who are hard of hearing or have a speech impairment. TTY does not work from mobile phone to mobile phone.

Set up your phone for use with an optional TTY device:

 >  **Settings** > **Call Settings** > **In-Call Setup** > **TTY Settings** > **TTY**

change phone line



If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number:

 >  **Settings** > **Call Settings** > **Active Line**

The active line indicator shows the active phone line (see page 21).

features

network settings



See network information and adjust network settings:

 >  **Settings** > **Network Settings**

fixed dial



When you turn on fixed dialling, you can call only numbers stored in the fixed dial list.

Turn fixed dialling on or off:

 >  **Settings** > **Call Settings** > **Fixed Dialling** > **On** or **Off**

Note: You'll need to enter your SIM PIN2 code to turn fixed dialling on or off. If you forget your PIN2 code, contact your service provider.

Use the fixed dial list:

 >  **Tools** > **Dialling Services** > **Fixed Dial**

features

service dial



Dial service phone numbers stored by your service provider:

 >  **Tools > Dialling Services > Service Dial**

DTMF tones

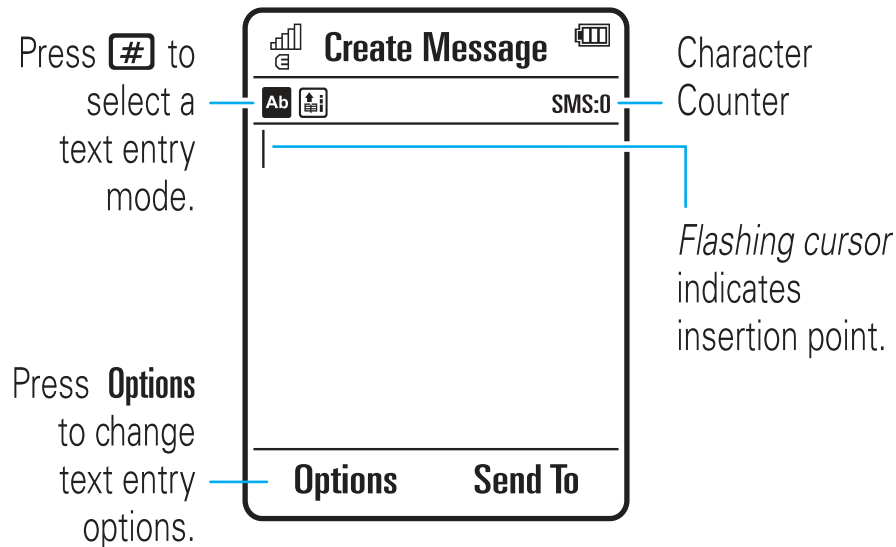
Activate DTMF tones:

 >  **Settings > Call Settings > Dialling Setup > DTMF**
> **Long or Short**

To send DTMF tones during a call, just press the number keys.

text entry

Some features let you enter text.



text entry modes

Ab	"word" mode (see page 44)
Ab	"abc" mode (see page 45)
123	numeric mode (see page 46)
!@	symbol mode (see page 46)

To **change** your global text entry language:

Find it:  >  **Settings** > **Phone Settings** > **Language and Input** > **Default Input Language**

Change text case: In a text entry screen, press **0** to change text case to all capital letters (**↑**), next letter capitalised (*****) or next letter lowercase (no symbol).

Set word learning: Your phone can learn the words you enter, to improve text prediction and completion. In a text entry screen, press **Options > Text Entry > Set Text Prediction > Learn my words**. Your phone shows  when word learning is active.

Set text completion: Set your phone to complete words based on the characters you enter. In a text entry screen, press **Options > Text Entry > Set Text Prediction > Offer completions**. Your phone shows  when text completion is active.

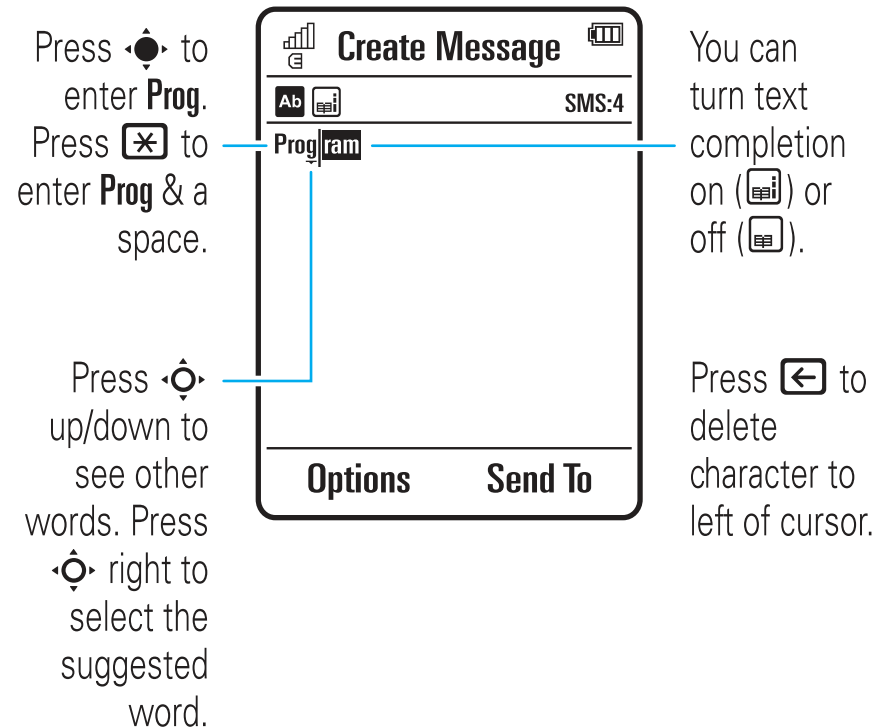
Edit or delete text: In a text entry screen, press  to move the cursor to the right of text you want to edit. Press the *clear/back* key  to delete the character left of the cursor. Hold  to delete word by word.

word mode

To switch to "word" predictive text entry mode, press  in a text entry screen until you see  in the display.

Word mode lets you enter words using one keypress per letter. The phone predicts each word as you enter it.

For example, if you press    , your display might show:



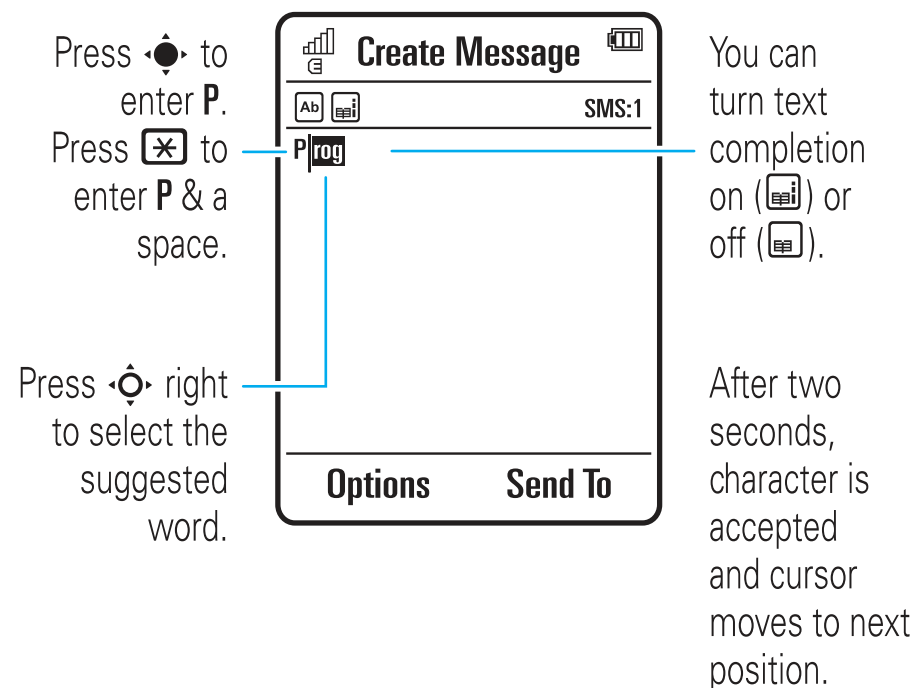
Tip: Need to enter a symbol or punctuation? Press **#** until you see **@** to switch to symbol mode (for more information, see page 46).

abc mode

To switch to "abc" text entry mode, press **#** in a text entry screen until you see **Ab** in the display.

To enter text, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press **7** once, your display might show:



When text completion is activated, your phone tries to guess the rest of the word. If you want a different word, press keypad keys to enter the remaining letters.

Shortcut: To enter punctuation in abc mode, press **1** to cycle through common punctuation symbols.

numeric mode

Press  in a text entry screen until you see . Press the number keys to enter the numbers you want.

Tip: Just need one number? To enter a number quickly, press and hold a number key until the number appears.

symbol mode

Press  in a text entry screen until you see . The display shows the symbol associated with each keypad key. Press  up/down repeatedly to see different symbols. To insert a symbol, press its key, or scroll to it and press .

entertainment

videos

To record and play videos on your phone, see your *Quick Start Guide*.

supported video formats

Before you copy video files to your phone, make sure the files are in a format the phone recognises:

MPEG4 + AMR-NB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 12.2 kbps, 8 kHz, mono - .mp4, .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

MPEG4 + AMR-WB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 23.85 kbps, 16 kHz, mono - .mp4, .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

MPEG4 + AAC/AAC+/Enhanced AAC+: total bit rate up to 350 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .mp4, .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

H.263 + AMR-NB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 12.2 kbps, 8 kHz, mono - .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

H.263 + AMR-WB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 23.85 kbps, 16 kHz, mono - .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

H.263 + AAC/AAC+/Enhanced AAC+: total bit rate up to 350 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

Real Audio + Video: total bit rate up to 350 kbps - video up to 296 kbps, QVGA, 15 fps - audio up to 64 kbps, up to 48 kHz, stereo/mono - .rm, .rmvb file extensions - MIME Application/x-pn-realmedia, Application/vnd.rn-realmedia.

H.264 + AMR-NB: total bit rate up to 280 kbps - video up to 256 kbps, QCIF, 15 fps - audio up to 12.2 kbps, 8 kHz, mono - .mp4, .3gp file extensions - MIME Video/mp4, Video/3gpp.

H.264 + AMR-WB: total bit rate up to 280 kbps - video up to 256 kbps, QCIF, 15 fps - audio up to 23.85 kbps, 16 kHz, mono - .mp4, .3gp file extensions - MIME Video/mp4, Video/3gpp.

H264 + AAC/AAC+/Enhanced AAC+: total bit rate up to 350 kbps - video up to 256 kbps, QCIF, 15 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .mp4, .3gp file extensions - MIME Video/mp4, Video/3gpp.

WMV 9 + WMA v9 L2 (also WMA v3, v7, v8): total bit rate up to 224 kbps - video up to 96 kbps, QCIF, 15 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .asf, .wmv file extensions - MIME Video/x-ms-wmv.

music

Copying and syncing music between your phone and computer is easy, with Microsoft™ Windows™ Media Player 11.

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

set up music

To **load song files from a music CD** onto your computer:

- 1 Insert the music CD in your computer's CD drive.
- 2 Open Windows Media Player 11.
- 3 Copy the music CD to the media player library (also called *ripping* the CD).

If your computer is connected to the Internet, the media player may retrieve CD information, such as song titles, album name, artist name and album artwork. This information will display in your phone's music player.

Tip: You can also purchase Microsoft™ Windows Media DRM-protected music files from supported online music stores (such as Urge, Yahoo! and Napster).

set default format and bit rate for Windows™ Media Player 11

Windows Media Player 11 lets you adjust format and bit rate settings, to optimise sound quality, or to increase the number of song files you can store on your phone.

To set the default file format and bit rate:

- 1 Insert the music CD in your computer's CD drive.
- 2 Open Windows Media Player 11.
- 3 Select the Rip tab in Windows Media Player 11.
- 4 Click the Rip tab down arrow, then choose Format > Windows Media Audio, Windows Media Audio Pro or mp3.
- 5 Click the Rip tab down arrow again, then choose Bit Rate > *bit rate*.

Tip: To maximise the number of songs you can store on the phone, we recommend setting the bit rate to 128 Kbps or lower (use the lowest bit rate

that provides an acceptable sound quality on your phone).

Tip: To learn more about Windows Media Player 11 song file formats and bit rates, open Windows Media Player 11, click the Rip tab down arrow, then choose Help with Ripping.

convert iTunes AAC files to MP3 files on your computer

You can use the iTunes desktop application to convert standard iTunes AAC files to MP3 files that are compatible with Windows Media Player 11. For more information, open the iTunes desktop application and choose Help > iTunes Help > Saving a copy of a file in a new file format.

get music

Note: You'll need Windows Media Player 11 to synchronise music files as described in this section. Using previous versions of Windows Media Player may

compromise your music experience. You can download Windows Media Player 11 at www.microsoft.com/windowsmedia.

Note: Windows Media Player 11 requires Windows XP™ or later to run. If you are using an earlier version of the Windows OS on your computer, see the section "manually transfer music" on page 55.

Note: You cannot use Windows Media Player 11 to copy pictures or videos to the phone.

When your phone is connected to the computer in media synchronisation mode, Windows Media Player 11 treats the phone as a single memory device, and will copy and sync music files to both phone memory and a microSD memory card installed in the phone. (For example, a phone with 1 GB of internal memory and an 8 GB microSD memory card would appear to have around 9 GB of available memory in Windows Media Player 11).

on your phone

If desired, insert a memory card in your phone (see your *Quick Start Guide*)., then press  >  **Settings** > **Connections** > **USB Settings** > **Media Sync/PlayFromDevice**.

Attach a Motorola Original USB cable to the micro USB port on your phone and to an available USB port on the back of your computer. A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.



Note: Some phone functions are temporarily unavailable when a USB connection is active.

on your computer

Open Windows Media Player 11. Your phone appears in the upper right corner of the Windows Media Player 11 screen. The phone's music files are listed on the left side of the screen.

- 1 Select the Sync tab in Windows Media Player 11.

- 2 Drag and drop songs or playlists onto the Sync List on the right side of the Windows Media Player 11 screen.
- 3 Click Start Sync to copy the songs onto the phone.
- 4 When you finish, disconnect your phone from the computer.

play music

Find it: > **Multimedia** > **Media Finder** > **Music**
> *category* > *song or playlist*

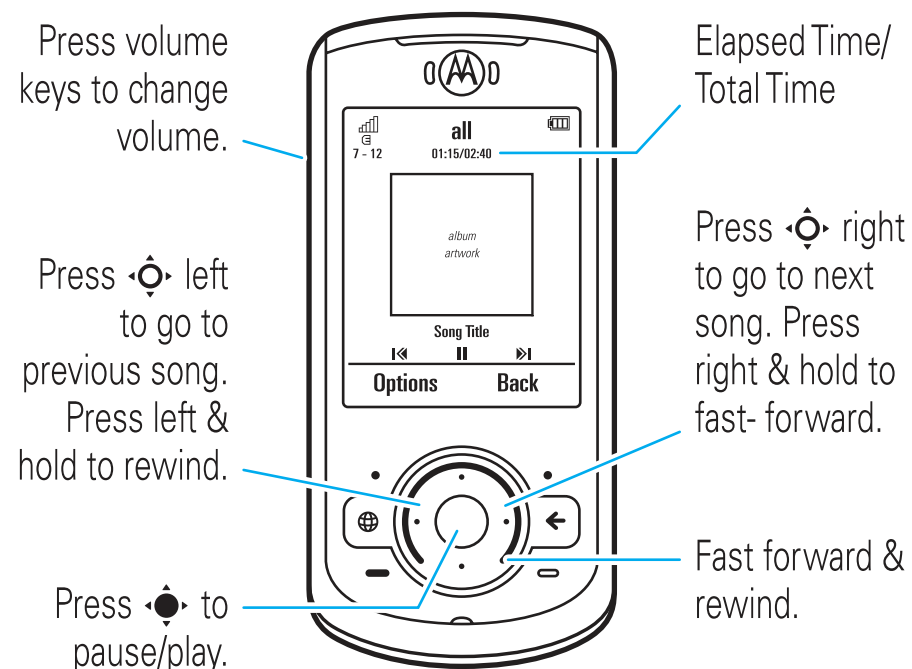
You can select a song or playlist from these categories:

All, **Playlists**, **Artists**, **Albums**, **Genres**, **Ratings** or **Shuffle All** (play all songs in random order).

Tip: Use the phone's built-in stereo speakers to play your music out loud. Use a wired headset or wireless stereo headphones to enjoy your music in private.

Tip: Lock the phone keys, to prevent accidental keypresses while playing music (see page 23).

When a song or playlist starts to play, use the following keys to control song playback:



During a song, the music player shows the song title, artist, album and artwork, if available.

If you receive a call during a song, the song pauses until the call is over.

When a song is playing, press **Options** to select music player options:

options	
Rate	Assign a rating to the song.
Hide	Hide the music player.
Delete	Delete the song file.
Manage	Show song Properties , such as file name, type and size.
Send to	Send the song in a message or email, or send it to another device over a Bluetooth® connection.
Apply to	Add the song to a playlist or make it a ringtone.

options	
Use Bluetooth/ Use Handset	To send the audio to a Bluetooth® headset, select Use Bluetooth to connect to a recognised Bluetooth headset or search for a new headset. When a Bluetooth audio connection is active, select Use Handset to drop the Bluetooth connection and switch the audio back to the phone.
Buy More	Mark the song for further research. During synchronisation with a PC, you'll be prompted to buy more related content.
Setup	Personalise settings.

hide the music player

To **hide** the music player while music plays, press . The phone returns you to the home screen, where you can use the nav key  to control song playback.

To **return** to the music player from the home screen, press  up.

use Bluetooth® stereo headphones

Connect your phone with optional Bluetooth stereo headphones to listen to music stored on your phone. 

To connect your phone to a set of Bluetooth stereo headphones for the first time, make sure the headphones are **on** and **ready** in *pairing* or *bonding* mode (to put the headphones in pairing/bonding mode, see the user's guide for the device).

Find it:  >  **Settings** > **Bluetooth** > **Search for Devices**

Shortcut: From the home screen, press **Shortcuts** > **Find Bluetooth Devices**.

Your phone lists the Bluetooth audio devices it finds within range.

- 1 Scroll to the stereo headphones in the list.
- 2 Press  to connect with the stereo headphones.

adjust audio settings

Optimise the sound quality when listening to music through the phone speakers, stereo headphones or stereo headset.

To change **playback volume**, press the volume keys on the side of your phone.

To adjust audio settings, press **Options** > **Setup**, then select your listening method (**Stereo Headset** or **Loudspeaker**).

Stereo headset options:

options	
Stereo Surround	Set surround sound environment.
Bass Boost	Set bass level.
Equalizer	Optimise audio settings for the type of music you play.
3D Stereo	Set stereo separation level.

Loudspeaker options:

options	
3D Stereo	Set stereo separation level.
Bass Boost	Set bass level.

do other tasks while playing music

To take **pictures** or record **videos** while playing music:

- 1 From the music player screen, press  to go to the home screen.

- 2 Press the external camera key  on the side of your phone to activate the camera.

- 3 Press  to take a photo.

or

Press **Options > Mode > Video Camera** to switch to video camera mode, then press  to record a video.

Note: Music playback pauses while you record a video, and may pause momentarily when you take a picture.

To use the **browser** while playing music:

- 1 From the music player screen, press  to go to the home screen.
- 2 Press  to open the browser.

To return to the **music player** from another application:

- 1 Press  to exit the application.
- 2 Press  up to return to the music player.

manually transfer music

Without using Windows Media Player 11, you can manually copy or sync music files from the computer to phone memory, or to an optional microSD memory card in the phone. (To insert a memory card, see your *Quick Start Guide*).

supported audio formats

Before you copy audio files to your phone, make sure the files are in a format the phone recognises:

AMR-NB: 4.75 kbps to 12.2 kbps (supports all 3GPP specified rates), 8 kHz, mono - .amr, .3gp, .3ga, .mp4 file extensions - MIME Audio/amr, Audio/mp4, Audio/3gpp, Video/mp4, Video/3gpp.

AMR-WB: 6.6 kbps to 23.85 kbps (supports all 3GPP specified rates), 16 kHz, mono - .awb, .3ga, .3gp file extensions - MIME Audio/amr-wb, Audio/3gpp, Video/3gpp.

AAC (MPEG4 AAC-LC): Up to 192 kbps CBR, 48 kHz max sampling rate, mono/stereo - .mp4, .3gp, .m4a, .3ga, .aac file extensions - MIME Audio/m4a, Audio/mp4, Audio/3gpp, Video/mp4, Video/3gpp, Audio/aac.

AAC+: 16 to 128 kbps, up to 48 kHz, mono/stereo - .mp4, .3ga, .m4a, .aac file extensions - MIME Audio/mp4, Audio/3gpp, Audio/m4a, Audio/aac.

Enhanced AAC+: 16 to 128 kbps, up to 48 kHz, parametric stereo - .mp4, .3ga, .m4a, .aac file extensions - MIME Audio/mp4, Audio/3gpp, Audio/m4a, Audio/aac.

MP3: Up to 320 kbps, up to 48 kHz, mono/stereo - .mp3, .mpga file extensions - MIME Audio/mp3, Audio/x-mp3, Audio/mpeg3, Audio/x-mpeg3, Audio/mpeg, Audio/mpg, Audio/x-mpeg, Audio/x-mpg.

8-bit Linear PCM: Up to 320 kbps, 8/11.05/12/16 kHz, stereo/mono - .wav file extension - MIME Audio/L8, Audio/wav.

16-bit Linear PCM: Up to 320 kbps, 8 kHz, stereo/mono - .wav file extension - MIME Audio/L16, Audio/wav.

8-bit A-law PCM: Up to 320 kbps, 8/11.05/12/16 kHz, stereo/mono - .wav file extension - MIME Audio/pcma.

8-bit mu-law PCM: Up to 320 kbps, 8/11.05/12/16 kHz, stereo/mono - .wav file extension - MIME Audio/pcmu.

WMA v9 L2 (also WMA v3, v7, v8): Up to 320 kbps, 48 kHz, stereo/mono - .wma file extension - MIME Audio/x-ms-wma.

Real Audio LBR (Cook): Up to 96 kbps, 8/11/22/44 kHz, stereo/mono - .rm, .ra file extensions - MIME Audio/x-pn-realaudio, Audio/vnd.rn-realaudio.

Real Audio Sipro (ACELP®.net): 5.0 kbps (fixed rate) at 8 kHz sampling rate, 8.5/6.5 kbps (dual rate) at 8 kHz sampling rate, 16 kbps (wide-band) at 16 kHz sampling rate, mono - .rm, .ra file extensions - MIME Audio/x-pn-realaudio, Audio/vnd.rn-realaudio.

Real Audio 10: Up to 192 kbps, 8/11/12/16/22.05/24/32/44.1/48 kHz, stereo/mono - .rm, .ra file extensions - MIME Audio/x-pn-realaudio, Audio/vnd.rn-realaudio.

on your phone

Press  >  **Settings** > **Connections** > **USB Settings**
> **Memory Card**

Attach a Motorola Original USB cable to the micro USB port on your phone and to an available USB port on the back of your computer. A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.



on your computer

Your phone and memory card appear as two separate removable disks on your computer.

- 1** Find where your phone and memory card appear as Removable Disk icons. On a Windows PC, this is the My Computer window. On a Macintosh™ computer, it's on the desktop.
- 2** Double-click the Removable Disk icon for your phone or memory card.
- 3** To copy the desired files onto the phone or memory card, drag and drop them onto the appropriate removable disk icon.
- 4** When you finish, remove the phone safely from your computer:
 - **On a Windows PC**, click the Safely Remove Hardware icon in the system tray at the bottom of your computer screen, then

select Safely Remove USB Mass Storage Device.

- **On a Mac**, select and drag the Removable Disk icon to the Bin.

create a playlist

create a playlist on your computer

Use Windows Media Player 11 to create a playlist of music files stored on the computer.

On your phone, press  >  **Settings** > **Connections** > **USB Settings** > **Memory Card**.

Connect your phone to the computer through a USB cable connection, then drag and drop the playlist onto the phone or memory card.

create a playlist on your phone

Find it:  >  **Multimedia** > **Media Finder** > **Music** > **Playlists**, press **Options** > **Create New Playlist**

- 1 Enter a name for the playlist.
- 2 Select a storage location for the playlist (**Memory Card** or **Phone Memory**), then press **Save**.
- 3 Scroll to the playlist you created, and press  to select it.
- 4 Scroll to **Add Songs**, and press  to select it.
- 5 Scroll to **All**, **Artists**, **Albums** or **Genres**, press  to select it.
- 6 Scroll to the songs you want to add, and press  to select them.
- 7 Press **Add** to add the selected songs to the playlist.
- 8 Repeat the procedure to add more songs, or press **Back** to return to the **Playlists** menu.

play a playlist

Find it:  >  **Multimedia** > **Media Finder** > **Music** > **Playlists**, scroll to the playlist, press **Options** > **Play**

personalise your music player

Find it:  >  **Multimedia** > **Media Finder** > **Music**, press **Options** > **Media Finder Settings**

You can select the following options:

options		
Shuffle	Play songs in a random order.	
Auto-Repeat	Replay the current playlist when the last song finishes playing.	
Stereo Headset	Optimise audio settings for a connected stereo headset.	
Loudspeaker	Optimise audio settings for your phone's internal stereo speakers.	
Internet Connection	Set your Internet connection preferences.	

When you scroll to a song or a list and press **Options**, you may see additional options for the song or list, such as **Remove**, **Delete**, **Send to** and **Apply to**.

close the music player

To close the music player when the **music player screen** is visible, press  twice.

To close the music player from the **home screen**, press  once.

browser

Use your phone's full HTML browser to surf to your favourite Web sites, upload photos, videos and sound files to your Weblog (blog) and download files and applications to your phone. Log on to your Internet-based email account to check your email on the go.

Find it: Press 

Press  up/down/left/right to scroll through Web pages. Scroll to a link and press  to select it. Press **Back** at any time to return to the previous screen.

Some Web pages may contain a text entry window for exchanging information with a Web site. Scroll to the

window, select it, and enter text as usual (to enter text, see page 43).

To...	Do this...
go to a Web page	Press Options > Go to > New Address , enter the Web address, press Go .
bookmark the current Web page	Press Options > Active Page > Add Bookmark .
go to a bookmarked Web page	Press Options > Go to > My Bookmarks > <i>bookmark</i> .
change the browser's home page	Go to the Web page you want to use, then press Options > Active Page > Use as Homepage .
send a picture, video or song file to your blog	Use the Media Finder to scroll to the media file you want to post, then press > Options > Send via > Blog .

To...	Do this...
download a media file, theme, Java™ game or application	Go to the Web page that links to the file, scroll to the link and select it.
hide the browser screen	Press Options > Hide All . The browser continues to run in the background, and you can perform other tasks while the browser is running.
exit the browser	Press  .

set up & use a blog

You can set up a blog account on your phone, and set the phone to automatically post pictures and videos to your blog site.



To **set up a blog** on your phone:

Find it:  >  **Mobile Internet** > **WebShare** > **Add Blog**

Press  left/right to select information tabs at the top of the display. Press  up/down to scroll to each data field, then press  to select it and enter information. When you're finished, press **Save** to save the blog.

To manually **post a media file** (photo, video or sound file) to a blog:

Find it:  >  **Mobile Internet** > **WebShare** > *blog*

- 1 Press **Options** > **Insert** > **Picture** or **Video** or **Sound**, then scroll and select the file you want to insert.
- 2 Enter a **Title:** and **Description:** for the file, if desired.
- 3 Press **Post** to post the file to the blog.

To specify one or more blogs where you would like to **auto post** photos/videos:

Find it:  >  **Mobile Internet** > **WebShare**, press **Options** > **Set Auto Post** > **Post Photos to** or **Post Videos to** > *blog*

To **activate auto blog** so your phone automatically posts captured photos/videos to the specified blog(s), see your *Quick Start Guide*.

set up & use a Web feed

You can set up a Web feed subscription, to periodically receive updated Web feed content that you can read on your phone.



Find it: > **Mobile Internet** > **Web Feeder** > **Add Subscription**

Press left/right to select information tabs at the top of the display. Press up/down to scroll to each data field, then press to select it and enter information. When you're finished, press **Save** to save your subscription.

To **read a Web feed** that you subscribe to on your phone:

Find it: > **Mobile Internet** > **Web Feeder**
> *subscription*

To **activate auto blog** so your phone automatically posts pictures and/or videos to the specified blog(s), see your *Quick Start Guide*.

check your email

Check your personal Web-based **email** account (like Hotmail, Gmail or Yahoo).



Find it: Press

- 1 Press **Options** > **Go to**.
- 2 Enter the Web address for your Web-based email account, then press **Go**.

manage certificates

Certificates are used to verify the identity and security of Web sites when you download files or share information. To enable or disable Internet access certificates stored on your phone:



Find it:  >  **Settings** > **Security** > **Certificates**

widgets

Widgets are small, Web-based applications you can install on your phone for instant access to Web 2.0 services and content. Your phone may come with some pre-installed widgets, and you can download more to personalise the content and services that matter to you.



Note: You need to have browser service activated on your phone to use widgets. You may incur additional data charges when accessing the **Widgets** application. Contact your service provider for more information.

install a widget

Find it:  >  **Widgets**

- 1 If no widgets are installed on your phone, select **Get Widgets** from the widget library screen.

or

If one or more widgets are installed on your phone, press **Options** > **Get Widgets** from the widget library screen.

- 2 Your phone launches the phone browser and takes you to the widgets download page. Scroll and select the widget you want to install.

download a widget from a computer

To download a widget from a computer to your phone:

- 1 Connect your phone to the computer over a USB cable connection. (For more information about using USB cable connections, see page 89).

- 2 Set USB mode to mass storage (press 
>  **Settings** > **Connections** > **USB Settings** > **Memory Card**).
- 3 Open the optional Motorola Phone Tools accessory application on the computer, and use the Phone Tools application to transfer the widget MPKG installation package to your phone.

Tip: You can also download a widget MPKG installation package to your phone over a Bluetooth connection, or send the file to your phone in an SMS message or email message.

Use the **File Manager** application (press  >  **Tools** > **File Manager**) to locate the widget file you downloaded. Select the file to install the widget to the widget library.

use widgets

To **view and use** widgets installed on your phone:

Find it:  >  **Widgets**

Shortcut: From the home screen, press **Shortcuts** > **Widget Library**.

Press  up/down/left/right to scroll to an active widget you want to use. Press  to open the widget.

Icons for the widgets installed in the widget library are separated into two categories, **Active** and **Inactive**. Only active widgets can be used (new widgets are installed as active by default) Your phone is limited in the number of widgets that can be active at one time.

To **reorder** the active widgets or inactive widgets list: From the widget library screen, press **Options** > **Reorder**, scroll to the feature you want to move, press **Grab**, scroll to the destination location, press **Insert**.

To **activate or deactivate** a widget installed on your phone: Scroll to the widget, then press **Options** > **Activate** or **Deactivate**.

install & use WebUI applications

WebUI applications are Web-based applications you can install and use on your phone.

To **download** a WebUI application, you can use any of the methods used to download a widget to your phone (see page 62).

To **install** the WebUI application:

Find it:  >  **Tools > File Manager**

- 1 Press  to scroll to the file you downloaded.
- 2 Press  to select the file and launch the installation program.
- 3 If the WebUI application is unsigned, the installation program asks if you want to continue. Select **Continue**.

- 4 If the developer did not specify a menu location, you are prompted to select the location where you want to install the WebUI application:

- **Messages**
- **Tools**
- **Dialling Services**
- **Multimedia**
- **Games**

Select the location you want.

To **launch** the WebUI application: Navigate to the location where you installed the WebUI application, and press  to launch the application.

media finder

Can't find a video you've recorded? Use the media finder to locate any photo, video or sound file stored on your phone or memory card.

Find it:  >  **Multimedia** > **Media Finder**

Shortcut: From the home screen, press the side select key to open the **Media Finder**.

You can search for content in the following categories:

- **Music**
- **Photos**
- **Videos**
- **Voice Notes**
- **Ringtones**
- **Wallpapers and Graphics**
- **My Blog**

Most categories offer additional sub-categories to refine your search (for example, you can search by **Date** or by a **Tag** name you've assigned to a photo or video file).

The **My Blog** category lets you search and/or upload files to your Web blog.

fun & games

features

start a game or application



Start a Java™ game or application:

 >  **Games** > *game or application*

features

aeroplane mode

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

 >  **Settings > Phone Settings > Aeroplane Mode > On**

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

messages

voicemail

Your network stores the voicemail messages you receive.



When you **receive** a voicemail message, your phone shows **New Voicemail**, and the voicemail message indicator  appears at the top of the home screen.

To **check** voicemail messages:

Find it:  >  **Messaging** > **Voicemail**

Shortcut: Your service provider may store your voicemail phone number in speed dial location 1. If so, you can press and hold  in the home screen to listen to your voicemail message(s).

text messages

send a message

A message can contain text and pictures, sounds or other media objects. You can add multiple pages to a message and put text and media objects on each page. You can send a message to other compatible phones or to email addresses.



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

Shortcut: From the home screen, press **Shortcuts** > **Create Message**.

- 1 Press keypad keys to enter text on the page (to enter text, see page 43).

To insert a **picture, video or other media object** on the page, press **Options** > **Insert**. Select the file type

and the file. (**Note:** File size restrictions may apply to pictures and videos sent in a message).

To insert **another page**, press **Options > Insert > Page**. You can enter more text and objects on the new page.

- 2 When you finish the message, press **Options > Sending Options** to set message options (such as **Subject** and **Priority**).
- 3 When you finish setting message options, press **Done**.
- 4 Press **Send to** to select message recipients. You can:
 - Select one or more entries from your contact list (press  to scroll to an entry, and press  to select it).
 - Enter a new number or email address (press **Options > Enter Number** or **Enter Email**).

- 5 Press **Send** to send the message.

To save or cancel the message, press **Options > Save to Drafts** or **Cancel Message**.

Messages that you send are stored in the **Outbox**. Icons next to each message show if the message was **sent** , if the send attempt was **successful** , or if the send attempt **failed** . Press **Options** to perform various operations on a message.

receive a message

When you receive a message, your phone plays an alert and shows **New Message**. The text message indicator  appears at the top of the home screen.



To **read** the message, press **View**. If the message contains media objects:

- Pictures and animations show as you read the message.

- Sound files play as you read the message. Press the volume keys on the side of your phone to change the sound volume.
- Attached files are added to the end of the message. To open an attachment, select the file indicator or file name.

To **answer** the message, press **Options > Reply**.

instant messaging

Share messages with your friends in real time.

Find it:  >  **IM**, scroll to your IM account, press **Log In**



If you don't have an IM account, select **[New Account]** to create one.

To...	Do this...
find others online	Select Contact List to see a list of other users.
start a conversation	Scroll to a name in the Online Contacts list and press Send IM .
open an active conversation	Scroll to a name in the Conversations list and press View .
end a conversation	Press Options > End Conversation .
log out from IM session	Press Options > Log Out .

create or edit an IM account

To **create** a new IM account:

Find it:  >  IM > [New Account]

To **edit** an existing IM account:

Find it:  >  IM, scroll to an account, press
Options > Edit Account

more messaging features

features

send a pre-written quick note



 >  Messaging > Messages > Templates
> Text Templates > *quick note*, press Options > Send

To create a new quick note:

 >  Messaging > Messages > Templates > Text Templates,
press Options > Create Template

features

set up an email account



You can set up and use multiple email accounts on your phone:

⬅ ➡ >  **Messaging > Email**

If no account exists, the phone prompts you to set up a new email account.

Your phone shows a separate folder for each email account.

send email



⬅ ➡ >  **Messaging > Email**

use a multimedia template



Open a multimedia template with pre-installed media:

⬅ ➡ >  **Messaging > Messages > Templates > MMS Templates**

features

read new message or email



When your display shows **New Message**, press **View**.

read old messages



⬅ ➡ >  **Messaging > Messages > Inbox**

Icons next to each message show if it is **read** , **unread** , **urgent**  or has an **attachment** . Press **Options** to perform various operations on a message.

read old email



⬅ ➡ >  **Messaging > Email > email folder**

Press **Options** to perform various operations on a message.

features

store message objects



Go to a multimedia message page, then press **Options > Store**.

create folder



Create a personal folder to store your messages.

◀●▶ >  **Messaging > Messages > My Folders**, press **Options > Create Folder**

browser messages



Read messages received by your browser:

When your display shows **New Message**, press **View**.

To activate browser messages and adjust browser message settings:

◀●▶ >  **Messaging > Messages**, press **Options > Message Settings > Browser Messages**

features

info services



Read subscription-based information services messages:

When your display shows **New Message**, press **View**.

To activate information services and adjust info services settings:

◀●▶ >  **Messaging > Messages**, press **Options > Message Settings > Info Services**

tools

contacts

You can store a new contact in **phone memory**, on your **SIM card** or in both locations. Contacts stored in phone memory can include multiple phone numbers, email addresses and personal information. Only the contact name and phone number(s) are stored on the SIM card.

features

call a contact

 >  **Contacts**, scroll to the contact, press  to call

Note: If a contact has multiple phone numbers or email addresses, press  left/right to select the number or email address you want.

features

set contact list view

Show contacts stored in phone memory, SIM card memory or both:

 >  **Contacts**, press **Options** > **View by** > **Phone & SIM**, **Phone** or **SIM**

Note: The contact list view determines where **new contacts are stored**. For example, when you set the view to **SIM**, any new contacts you create are stored on the SIM card.

features

store new contact

⬅️ ➡️ > 📞 **Contacts**, press **Options** > **Create** > **Phone Contact** or **SIM Card Contact** or **Group**

Shortcut: From the home screen, press **Shortcuts** > **Create Contact**.

For a contact stored in phone memory: Press ⬅️ ➡️ left/right to select the **details** tab 📄, **address** tab 📁, **ID** tab 🆔 or **notes** tab 📝. Press ⬅️ ➡️ up/down to scroll to information you want to change, then press ⬅️ ➡️ to select it.

send message to contact

⬅️ ➡️ > 📞 **Contacts**, scroll to the contact, press **Options** > **Send** > **Message**

features

send email to contact

⬅️ ➡️ > 📞 **Contacts**, scroll to the contact, press **Options** > **Send** > **Email**

Note: This option appears only when the contact has an email address.

add another phone number or email address to contact

⬅️ ➡️ > 📞 **Contacts**, scroll to the contact, press **Options** > **Edit Contact**, press ⬅️ ➡️ left/right to select the **details** tab 📄, press ⬅️ ➡️ up/down to scroll to an empty **Number** or **Email** field, press ⬅️ ➡️ to select it

Note: The **Email** option isn't available for contacts stored on the SIM card.

features

set picture for contact

Assign a photo or picture (*picture ID*) to show in the display when you receive a call from a contact:

◀▶ >  **Contacts**, scroll to the contact, press **Options**
> **Edit Contact**, press ◀▶ left/right to select the **ID**
tab , press ◀▶ up/down to scroll to **Picture ID**, press
◀▶ to select it

Note: This option isn't available for contacts stored on the SIM card.

features

set ringtone for contact

Assign a distinctive call alert (*ring ID*) for a contact:

◀▶ >  **Contacts**, scroll to the contact, press **Options**
> **Edit Contact**, press ◀▶ left/right to select the **ID**
tab , press ◀▶ up/down to scroll to **Call Alert**, press
◀▶ to select it

Note: This option isn't available for contacts stored on the SIM card.

create group

Add contacts to a group message list or email list:

◀▶ >  **Contacts**, press **Options** > **Create** > **Group**

Note: This option isn't available for contacts stored on the SIM card.

features

create and use private contacts

Identify one or more contacts as private contacts. You'll need to enter your six-digit security code to see the private contacts on your contact list.

⬅️➡️ > 📞 Contacts, press Options > Contacts Settings
> Private Contacts

set contact list sort order

⬅️➡️ > 📞 Contacts, press Options > Contacts Settings
> Default Sort Order > First Name or Last Name

copy SIM card contacts to phone memory

Press ⬅️➡️ > 📞 Contacts, press Options > View by > Phone, press Options > Import Contacts > SIM Card, press Options > Select All, press Import.

features

copy phone memory contacts to SIM card

Press ⬅️➡️ > 📞 Contacts, press Options > View by > SIM, press Options > Import Contacts > Phone Contacts, press Options > Select All, press Import.

send contact(s) to another device

Send one or more contacts to another phone, computer or device:

⬅️➡️ > 📞 Contacts, scroll to the contact, press Options > Share, press ⬅️➡️ to select the current contact, press ⬆️⬆️ up/down to scroll to Bluetooth, Messaging or Email transfer method, press ⬅️➡️ to select it

To send multiple contacts, press Options > Share > Multiple Contacts (instead of the current contact).

features

delete contact(s)

Delete one or more contacts from your contact list:

◆ >  **Contacts**, scroll to the contact, press **Options** > **Delete**, press ◆ to select the current contact, press **Yes** to confirm deletion

To delete multiple contacts, press **Options** > **Delete** > **Multiple Contacts** (instead of the current contact).

personal organiser

features

set alarm

◆ >  **Tools** > **Alarm Clock**

features

turn off alarm

When the display shows an alarm:

To turn off the alarm, press **Dismiss** or .

To set an eight-minute delay, press **Snooze**.

set calendar default view

◆ >  **Tools** > **Calendar**, press **Options** > **Calendar Setup** > **Default View** > **Month** or **Week** or **Day**

add new calendar event

◆ >  **Tools** > **Calendar**, scroll to the day and/or start time, press ◆, enter event details

You can set a music or sound file, voice note or video as an event reminder alert. When creating a calendar event, select **Calendar Alert:** > *alarm type*, scroll to the file (or create a new file), press **Insert**.

features

see calendar event

 >  **Tools** > **Calendar** > *event*

To edit event details, press **Options** > **Edit**.

calendar event reminder

When the display shows an event reminder (and optionally plays an event reminder alert):

To see reminder details, select **Open Event**.

To close the reminder, press **Dismiss**.

send calendar event to another device

Send a calendar event to another phone, computer or device:

 >  **Tools** > **Calendar** > *event*, press **Options** > **Share via**
> **Bluetooth** or **Message** or **Email**

features

manage downloaded files

Manage files and applications that you've downloaded onto your phone from the browser or over a Bluetooth® connection:

 >  **Tools** > **Download Manager**

world clock

Show time and date information for multiple cities around the world:

 >  **Tools** > **World Clock**

task list

Create a checklist of tasks you need to perform, and set your phone to notify you when task deadlines arrive:

 >  **Tools** > **Task List**

features

notes

Write and store notes on your phone:

 >  **Tools** > **Notes**

record voice note

Record a voice note reminder to yourself, or record a phone call in progress:

 >  **Multimedia** > **Voice Recorder**, press  to start recording, press **Stop** to stop recording

To save the voice note, press **Save**.

To perform various operations on the voice note, press **Options**.

Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.

features

play voice note

 >  **Multimedia** > **Media Finder** > **Voice Notes**
> *voice note*

calculator

 >  **Tools** > **Calculator**

To use the calculator as a currency converter:

 >  **Tools** > **Calculator**, press **Options** > **Set Exchange Rate**, enter exchange rate, press **Set**, enter amount, press **Options** > **Convert Currency**

connections

Bluetooth® wireless

Your phone supports Bluetooth wireless connections with other Bluetooth devices.



Note: Your phone's Bluetooth features and power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

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

turn Bluetooth power on & off

Your phone automatically turns Bluetooth power on when you use a Bluetooth feature.

To turn Bluetooth power on or off at any time:

Find it:  >  **Settings** > **Bluetooth**, press **Options**
> **Setup Bluetooth** > **Bluetooth Power** > **On** or **Off**

Note: To extend battery life and maximise Bluetooth security, use this procedure to set Bluetooth power to **Off** when not in use. Your phone will not connect to another device until you use a Bluetooth feature again, or set Bluetooth power back to **On**.

use a Bluetooth headset or hands-free car kit

Before you try to connect your phone to a hands-free device for the first time, make sure the device is **on** and **ready** in *pairing* or *bonding* mode (to put the device in pairing/bonding mode, see the user's

guide for the device). You can connect your phone with only one device at a time.

Find it:  >  **Settings** > **Bluetooth**, press **Options** > **Search for Device** > **Headset**

Shortcut: From the home screen, press **Shortcuts** > **Find Bluetooth Devices**.

Your phone lists the Bluetooth audio devices it finds within range.

- 1 Scroll to a device in the list.
- 2 Press  to connect with the highlighted device.

copy files to a device

You can copy a media file, contact, calendar event or bookmark to another phone or computer that supports Bluetooth connections.

Note: You cannot copy some copyrighted objects.

Before you try to copy a file to another device, make sure the receiving device is **on** and **ready** in discoverable mode. Also, make sure the device is not busy with another Bluetooth connection.

- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press **Options**, then select:
 - **Send via** > **Bluetooth** for an image or sound file, calendar event or bookmark.
 - **Share** > *contact* > **Bluetooth** for a contact.
- 3 Select a recognised device name.

or
Select **[Search for Devices]** to search for new devices, then select the device where you want to copy the object.
- 4 Press **Options** > **Send**.

- 5 If necessary, enter a mutually agreed upon passkey (such as **0000**) on your phone and the device, then press **OK** to connect to the device.

Your phone shows **Sending** while the file is transferred. When file transfer is complete, the phone shows **Send Successful**, and prompts you to press **OK** to continue.

receive files from a device

Before you try to receive a file from another device, make sure your phone's Bluetooth power is **on** (see page 80).

Place your phone within range (approximately 10 metres/30 feet) of the other Bluetooth device, and send the file from the device.

If your phone and the sending device were not previously paired, place your phone in discoverable mode so the sending device can locate it. Press

 >  **Settings** > **Bluetooth**, press **Options**

> **Discoverable: On for 3 Minutes**. The Bluetooth indicator  in the home screen flashes when your phone is in discoverable mode.

Your phone shows **Incoming Transfer** while the file is transferred. When the file transfer is complete, the phone shows **Successful**, and tells you where the file was stored.

send a photo to a printer

You can send a photo to a printer that supports Bluetooth connections.

Note: You can print A4, US Letter and 4 x 6 size pages. To print another size, copy the image to a linked computer and print it from there.

- 1 On your phone, take a new photo or scroll to a stored image that you want to print, then press **Options > Print via > Bluetooth**.

Note: If you see **Not Supported** when you try to print, select **Send to > Bluetooth** instead. (The **Send to** option does not print the image name or date stamp).
- 2 Select a recognised printer name, or press **Options > Search for Printers** to search for another printer where you want to send the image.
- 3 If available, modify print options.

more Bluetooth features

Note: A device is *recognised* after you connect to it once (see page 80).

features	
pair with recognised device	
Press  >  Settings > Bluetooth , press  left to select the My Devices tab, press  up/down to scroll to the device name, press  to connect.	
drop connection with device	
Scroll to the connected device name and press  to disconnect.	
remove device from device list	
Scroll to the device name and press Options > Remove Device .	
Note: You cannot remove a device from the list while your phone is connected to the device.	

WiFi connections

You can share multimedia files (pictures, videos and music) over a WiFi CERTIFIED™ wireless connection with other WiFi-capable devices.

Note: Your phone's WiFi features are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the WiFi features in France unless you are indoors.

connect to a WiFi network

Note: To connect to another WiFi device, the device needs to be within range of your phone, and needs to have WiFi power turned on.

To search for available WiFi networks:

Find it:  >  **Settings** > **WiFi** > **Available Networks**

Your phone lists the available WiFi **access point networks** within range of your phone.

features

switch audio to Bluetooth® headset or Bluetooth car kit during call



Press **Options** > **Use Bluetooth**.

To switch audio back to the phone, press **Options** > **Use Handset**.

edit properties of the recognised device



Scroll to the device name, press **Options** > **Edit Device**.

set Bluetooth® options



Press  >  **Settings** > **Bluetooth**, press **Options** > **Setup Bluetooth**.

The orange WiFi signal strength indicator  shows the strength of each WiFi network. Other indicators can include:

- | | |
|-------------------------------|--------------------------------------|
| ★ = saved network | 🔑 = secure network |
| ✓ = active network connection | ★✓ = active saved network connection |

- 1 Scroll to a network in the list.

For networks with **MAC filtering**, press **Options** > **View Details** to see your **Phone MAC:** address, then ask the network administrator to allow your address.

- 2 Press  to connect to the network.

If your phone asks for a **Network Key:**, enter the key from the network administrator. If the **Continue** key does not activate after you enter the key, change the key format (**ASCII** or **Hex**).

- 3 If prompted by your phone, enter the required security **Network Key or Passphrase:**, then press **Continue**.

The passphrase is provided by the network administrator, and is unique.

Your phone notifies you when the WiFi network connection is established.

save a WiFi network

When you connect to a new or unsaved WiFi network, your phone asks if you want to save the network. Press **Yes** to add the network profile to your **Saved Networks** list.

manually add a network profile to the saved networks list

Find it:  >  **Settings** > **WiFi** > **Set Up WiFi**
> **Add New Network** > **Enter Network Info**

You'll need to enter the following configuration settings:

options	
SSID	The broadcast name that identifies the WiFi network.
Profile Name	The name you want to use to identify the network in the Saved Networks list.
Security Type	The network security type. Depending on the security type, you may need to enter a Network Key or Passphrase: or Network Key: to access the network.
Non-Broadcast SSID	Select this option if the WiFi network name is not being broadcast. Tip: Check the available networks list to see if the WiFi network name is being broadcast.

view or edit a network profile

Find it:  >  **Settings** > **WiFi** > **Saved Networks**, scroll to the network, press **Options** > **Edit**

send a network profile

Send a network profile in a text message to another phone or compatible device:

Find it:  >  **Settings** > **WiFi** > **Saved Networks**, scroll to the network, press **Options** > **Send to**

receive a network profile

Your phone notifies you when you receive a network profile text message from another device.

Press **Options**, then press **Save** to save the network profile to the **Saved Networks** list.

Tip: Press **Options**, then press **View** to see network details before you save the network profile.

connect to a saved network

Find it:  >  **Settings** > **WiFi** > **Saved Networks**
> *network name*

quick connect

Automatically locate and connect to a WiFi network:

Find it:  >  **Settings** > **WiFi** > **Quick Connect**

Your phone connects to the network with the best signal strength within range of the phone. If the first connection fails, the phone connects to the next available network.

DLNA 1.5 media server

Your phone is a *Digital Living Network Alliance* DLNA 1.5 Certified media server. This means that other DLNA Certified devices can access multimedia files (pictures, videos and music) on your phone over a WiFi network connection.

When your phone is sharing files in DLNA 1.5 media server mode, other DLNA Certified devices can also upload files to your phone, to a location you specify.

how do I know whether a device is DLNA Certified?

DLNA Certified products have the DLNA logo on their packaging or product documentation. For more information, go to DLNA.org.

set shared file types

To set the shared file types other devices can access on your phone:

Find it:  >  **Multimedia** > **Media Server** > **My Shared Files**
> **Music** and/or **Pictures** and/or **Videos**

turn file sharing on/off

Find it:  >  **Multimedia** > **Media Server** > **File Sharing**
> **On** or **Off**

Note: You need to have WiFi power turned on for other devices to connect and access the shared files on your phone (see page 89).

set your device name

To set or change the device name you present to other devices on the WiFi network:

Find it:  >  **Multimedia** > **Media Server** > **Advanced Settings** > **Device Name**

- 1 Enter the name you want to use for your phone.
- 2 Press **Save** to save the name.

control access to your shared files

To control access of other devices to the shared files on your phone:

Find it:  >  **Multimedia** > **Media Server** > **Advanced Settings** > **File Sharing Security** > *security setting*

Select one of the following security settings:

options	
Notify Me First	You're prompted to grant access every time a device tries to connect to your phone.
Allow Trusted Devices	Gives automatic access to devices that have previously been granted access to your shared files.
Accept Any Device	Gives automatic access to any device that tries to connect to your phone

When you grant access to a device that tries to connect to your phone, the device is automatically added to your **Trusted Devices** list. When you deny access to a device, the device is added to your **Banned Devices** list.

edit the device lists

To edit or delete the devices stored in your **Trusted Devices** and **Banned Devices** lists:

Find it:  >  **Multimedia** > **Media Server** > **Advanced Settings** > **Trusted Devices** or **Banned Devices**, scroll to the device name, press **Options** > **Edit** or **Delete Device**

set storage location

To set the storage location for files that a connected device uploads to your phone:

Find it:  >  **Multimedia** > **Media Server** > **Advanced Settings** > **Storage Location** > **Phone Memory** or **Memory Card**

disconnect from current network

Scroll to the active network connection in the **Available Networks** list, then press **Options** > **Disconnect**.

turn WiFi power on or off

Find it:  >  **Settings** > **WiFi** > **WiFi Power** > **On** or **Off**

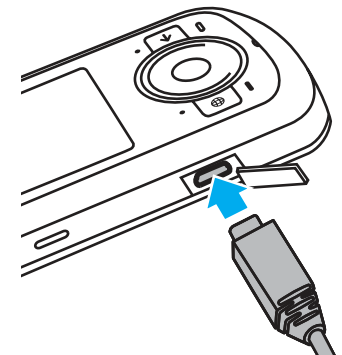
Note: To extend battery life, use this procedure to turn off WiFi power when not in use.

cable connections



You can use a USB cable to connect your phone to a computer or other device. Because you can perform different tasks over a USB cable connection, you need to specify the USB mode you want to use when you connect a USB cable to the phone.

To set up a USB connection, insert the micro USB port connector plug from a USB cable into your phone's micro USB port. Connect the other end of the cable to the computer.



Note: A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately. Check your computer to determine the type of cable you need.



Note: Some phone functions are temporarily unavailable when a USB connection is active.

To have your phone **always prompt you** to select a USB mode when you connect a USB cable to the phone: Press  >  **Settings** > **Connections** > **USB Settings** > **Always Ask**. This shortcut lets you set the USB mode on the fly (without using the menu system) when you insert a USB cable.

To use Windows™ Media Player 11 to **sync music files** from a computer to your phone: Press  >  **Settings** > **Connections** > **USB Settings** > **Media Sync/PlayFromDevice**, then connect your phone to the computer. For more information, see page 49.

To manually **transfer pictures, videos and music** between your computer and phone (phone memory or installed memory card): Press  >  **Settings** > **Connections** > **USB Settings** > **Memory Card**, then connect your phone to the computer. For more information about manually transferring music files, see page 55.

To **sync picture files** between your phone and a computer: Press  >  **Settings** > **Connections** > **USB Settings** > **Image Synchronisation**, then connect your phone to the computer.

To use your phone as a **modem**: Press  >  **Settings** > **Connections** > **USB Settings** > **Modem**, then connect your phone to the computer.

To **sync contact lists and calendar entries** between your phone and computer: Connect your phone to the computer, then open the optional Motorola Phone Tools application on the computer. The Phone Tools software automatically switches your phone to the correct USB mode to sync your files. See the Phone Tools user's guide for more information.

Tip: You can also use Motorola Phone Tools to transfer and sync music files from the computer to your phone.

To make **data calls** through a computer: Press  >  **Settings** > **Connections** > **USB Settings** > **Modem**, then connect your phone to the computer. Use the computer application to place or answer the call.

To create a **new data connection** on your phone, press  >  **Settings** > **Connections** > **Data Connections** > **Add a Connection**.

To **print** an image over a USB PictBridge connection: Press  >  **Settings** > **Connections** > **USB Settings** > **USB Printing**, then connect your phone to a PictBridge-compatible printer. Select the image(s) you want to print, then press **Options** > **Print via** > **USB**.

To **charge the phone's battery** over a USB cable connected to a computer: Press  >  **Settings** > **Connections** > **USB Settings** > **Charge Only**, then connect your phone to the computer.

end a USB connection

Caution: Do not disconnect your phone from the computer while files are being transferred.

On a PC running Windows XP™ or later: When file transfer is complete, remove the USB cable from your phone and computer.

On a PC running an earlier version of the Windows OS: Click the Safely Remove Hardware icon in the system tray at the bottom of your computer screen, then select Safely Remove USB Mass Storage Device. Remove the USB cable from your phone and computer.

On a Macintosh™ computer: Select and drag the Removable Disk icon to the Bin. Remove the USB cable from your phone and computer.

sync

You can use several different over-the-air connection methods to synchronise information between your phone and a remote server.



Exchange ActiveSync

Use the Internet to synchronise your phone's contact list, calendar entries and email with an email account on a Microsoft™ Exchange 2003 server.



set up Exchange ActiveSync

Confirm that the **Mobility** option is enabled on the email account, and that **data service** is activated with your phone service provider (additional fees may apply for this service).

To set up an ActiveSync partner:

Find it:  >  **Tools > Sync > Exchange ActiveSync**

Enter your email account and server information, including **User Name**, **Password**, **Domain Name**, **Server Name** and **Data Connection** details. If necessary, contact your system administrator to obtain the information you need, or to help you connect your phone to the server.

use Exchange ActiveSync

Schedule your phone to **automatically** synchronise data with an Exchange ActiveSync partner:

Find it:  >  **Tools > Sync > Exchange ActiveSync**, press **Options > Edit > Auto Sync > On**, press **OK** to enter the time and days you want to synchronise

To **manually** synchronise your contacts, calendar and email:

Find it:  >  **Tools > Sync > Exchange ActiveSync** press **Options > Sync**

The first synchronisation may take several minutes.

SyncML

Call a SyncML Internet server and synchronise your phone's contact list and calendar entries with the server.



To **synchronise files** with a partner you set up:

Find it:  >  Tools > Sync > SyncML

If no SyncML profile is stored on your phone, the phone prompts you to create a profile. Contact your IT system administrator to obtain the information you need to set up a profile.

Note: If your phone cannot connect to the server, verify that your phone's network service provider has data service activated on your phone (additional fees may apply for this service).

file manager

Manage pictures, videos and music files stored on your phone, and on an optional, removable microSD memory card.

Find it:  >  Tools > File Manager

Select a folder or **Memory Card** to see its contents.

To **play** a sound file or voice note, or **view** a picture or video, scroll to the file and select it.

To **edit** a file: Scroll to the file and press **Options** > **Manage** to copy, move or rename it. Other options let you delete, send or apply the file. You cannot perform some operations on some copyrighted or pre-installed files.

To **copy files** between your phone and a computer, you can use a cable connection (see following section) or a Bluetooth® connection (see page 81).

format memory card

You need to format a new memory card before you can use it with your phone.

Caution: Formatting a memory card **erases** all files stored on the memory card.

Find it:  >  **Tools** > **File Manager**

- 1 Press  to scroll to the memory card.
- 2 Press **Options** > **Manage** > **Format**.
- 3 Select **Format** to confirm that you want to format the memory card.

see memory card properties

To see memory card properties (such as name and available memory):

Find it:  >  **Tools** > **File Manager**

- 1 Press  to scroll to the memory card.
- 2 Press **Options** > **Manage** > **Properties**.

move or copy files between phone and memory card

Caution: When you **move** a file to a new location, the file is **deleted** from its original location.

Find it:  >  **Tools** > **File Manager**

- 1 Scroll to the file you want to move or copy.
- 2 Press **Options** > **Manage** > **Move** or **Copy**.

Note: The **Move** and **Copy** options do not appear if the file is copyright-protected.

- 3 Scroll to the destination location, then press **Place**.

phone software updates

Sometimes, we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find out if your phone can be updated at: www.hellomoto.com/update



Your service provider may send updated phone software over-the-air to your phone. When your phone receives a software update, you can install it immediately, or defer installation until later. To install a deferred software update:

Find it:  >  Settings > Update Software

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.64 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 0.39 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.

OPEN SOURCE SOFTWARE INFORMATION

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device you may send your request in writing to:

MOTOROLA, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website [**opensource.motorola.com**](https://opensource.motorola.com) also contains information regarding Motorola's use of open source.

Motorola has created the [**opensource.motorola.com**](https://opensource.motorola.com) to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licences, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please select  >  **Settings** > **Phone Settings** > **Legal Notices**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

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.



TM

- **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.

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U.S. patent Re. 34,976

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 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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Manual Number: 68004104007

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68004104007