



MOTORAZR<sup>2</sup> V8



*MORE HERE>>*






# HELLOMOTO

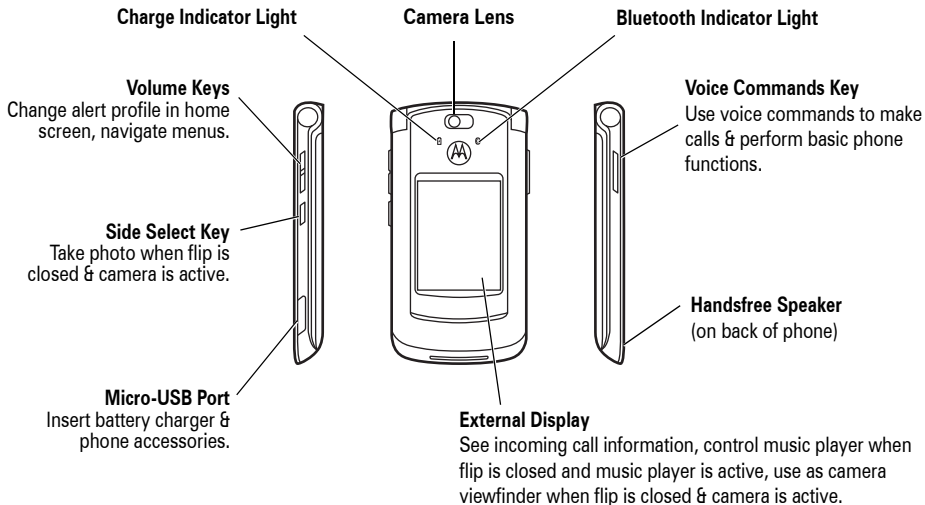
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Your **MOTORAZR<sup>2</sup>**™ V8 phone is slimmer, stronger, and smarter!

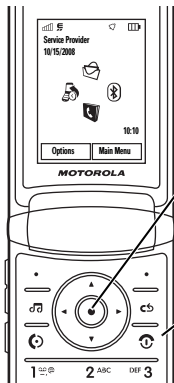
- Your **phone** can recite text messages, incoming caller ID information, and menu items (page 30). An external touchscreen display puts control at your fingertips, without opening your phone, for music playback, messages, and recent phone calls (see your *START HERE* guide).
- Transfer your favorite **music** quickly with USB 2.0 high-speed technology, and easily with Microsoft® Windows® Media Player 11 (see your *START HERE* guide).
- Snap pictures automatically with your 2-megapixel multi-shot **camera** (page 46).
- Capture key moments in high-definition **video**, then upload to your blog (see your *START HERE* guide).
- Access any **Web** site just like you do on your computer, with your phone's full HTML browser (page 45).
- Check your personal **email** accounts (for example Hotmail, Gmail, or Yahoo) on the Web (see your *START HERE* guide). Or read and sync your corporate email (Microsoft Outlook) with MOTOSYNC (page 56).


**For more information:** To read feature instructions on your phone, press **Main Menu** >  **Help**. To watch Web tutorials and learn more about your phone and accessories, go to [www.hellomoto.com](http://www.hellomoto.com).


Introducing your new MOTORAZR<sup>2</sup>™ V8 GSM wireless phone. Here's a quick anatomy lesson.



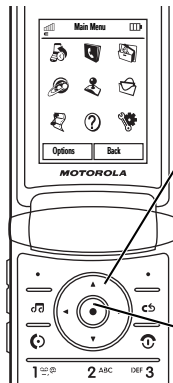
## Home Screen





2 Press the *centre key*  to open the **Main Menu**.

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

## Main Menu



2 Press the *navigation key*  up/down/left/right to scroll to a menu feature.

1 Press the *centre key*  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 *START HERE* guide.

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

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

## Software Copyright Notice

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

# contents

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<b>safety information</b> .....	7	lock & unlock external keys .....	31
<b>FCC Notice</b> .....	13	lock & unlock phone .....	32
<b>use and care</b> .....	15	<b>personalise</b> .....	33
<b>EU Conformance</b> .....	16	profiles .....	33
<b>recycling information</b> .....	17	time & date .....	35
<b>essentials</b> .....	18	themes .....	36
about this guide .....	18	display appearance .....	37
battery .....	18	answer options .....	38
<b>basics</b> .....	21	<b>calls</b> .....	39
display .....	21	turn off a call alert .....	39
text entry .....	23	recent calls .....	39
volume .....	26	redial .....	39
navigation key .....	26	return a call .....	40
side select key .....	27	caller display .....	40
external display .....	27	emergency calls .....	41
voice commands .....	28	voicemail .....	41
talking phone .....	30	<b>entertainment</b> .....	42
handsfree speaker .....	30	music player .....	42
codes & passwords .....	30	browser .....	45

camera . . . . .	46	<b>SAR Data</b> . . . . .	82
video . . . . .	49	<b>WHO Information</b> . . . . .	84
<b>messages</b> . . . . .	51	<b>OSS Information</b> . . . . .	85
text messaging. . . . .	51	<b>index</b> . . . . .	86
instant messaging . . . . .	55		
<b>connections</b> . . . . .	56		
MOTOSYNC . . . . .	56		
file manager . . . . .	57		
cable connections . . . . .	58		
Bluetooth® wireless . . . . .	59		
phone updates . . . . .	63		
<b>other features</b> . . . . .	64		
advanced calling . . . . .	64		
contacts . . . . .	67		
advanced personalizing . . . . .	72		
call times & costs . . . . .	74		
handsfree . . . . .	75		
network . . . . .	75		
personal organiser . . . . .	76		
security . . . . .	79		
fun & games . . . . .	80		

# Safety and General Information

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

## Exposure to Radio Frequency (RF) Energy

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

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

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1. The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006.

## 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 unauthorised antennas, modifications or attachments could damage the mobile device and/or may result in your device not complying with local regulatory requirements in your country.

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

## Product Operation

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

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, 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](http://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. These locations include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

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.

## Pacemakers

If you have a pacemaker, consult your doctor before using this device.

Persons with pacemakers should observe the following precautions:

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

## Hearing Aids

Some mobile devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or doctor to discuss alternatives.

## Other Medical Devices

If you use any other personal medical device, consult your doctor or the manufacturer of your device to determine if it is adequately shielded from RF energy.

## 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 a call if you cannot concentrate on driving.
- Use handsfree operation, if available.

- Pull off the road and park before making or answering a call if driving conditions so require.

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](http://www.motorola.com/callsmart).

## Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

### Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

## 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.

### Damaged Products

If your mobile device or battery has been submerged in water, punctured or subjected to a severe fall, do not use it until you take it to a Motorola Authorised Service Centre. Do not attempt to dry it with an external heat source, such as a microwave oven.

## Batteries and Chargers

If jewellery, keys, beaded chains or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. **Use only Motorola Original batteries and chargers.**



**Caution:** To avoid risk of personal injury, do not dispose of your battery in a fire.

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 the trash.
	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.

## 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

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

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

This device complies with part 15 of the FCC Rules.

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

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If

this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

# Use and Care

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



## liquids of any kind

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



## extreme heat or cold

Avoid temperatures below -10°C/14°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

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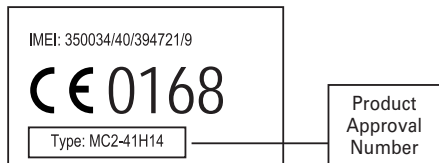


Hereby, Motorola declares that this product is in compliance with:

- 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](http://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

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

## Recycling Mobile Phones and Accessories

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Please do not dispose of mobile telephones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems have been set up to handle waste electrical and electronic items. Please contact your regional authorities for more details. If no suitable scheme exists, you may return unwanted mobile telephones and electrical accessories to any Motorola Approved Service Centre in your region.

# essentials

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**Caution:** Before using your phone for the first time, be sure to review the *important safety information* in the user's guide. Periodically review this information so you remember how to safely use your phone.

## about this guide

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

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

This means that, from the home screen:

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

### 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

**Tip:** Motorola batteries 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 must be turned on, and your computer must have the correct software drivers installed. A Motorola Original USB cable and supporting software may be included with your phone. These tools also are sold separately.



## Battery Use & Battery Safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.** The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

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



or use of a damaged battery, may result in a fire, explosion, or other hazard.

- Battery usage by children should be supervised.
- **Important:** Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:
  - Remove the battery and inspect it to confirm that it bears a Motorola "Original Equipment" hologram;
  - If there is no hologram, the battery is not a qualified battery;
  - If there is a hologram, replace the battery and retry charging it;
  - If the message remains, contact a Motorola Authorised Service Center.

- New batteries or batteries stored for a long time may take more time to charge.
- **Charging precautions:** When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging. Always take your mobile device with you when you leave your vehicle
- When storing your battery, keep it in a cool, dry place.
- It is normal over time for battery life to decrease, and for the battery to exhibit shorter runtime between charges or require more frequent or longer charging times.
- **Avoid damage to battery and mobile device.** Do not disassemble, open, crush, bend, deform, puncture, shred, or submerge the battery or mobile device. Avoid dropping the battery or mobile device, especially on a hard surface. If your battery or mobile device has

been subjected to such damage, take it to a Motorola Authorised Service Center before using. Do **not** attempt to dry it with an appliance or heat source, such as a hair dryer or microwave oven.

- **Use care when handling a charged battery**—particularly when placing it inside a pocket, purse, or other container with metal objects. Contact with metal objects (e.g., jewelry, keys, beaded chains) could complete an electrical circuit (short circuit), causing the battery to become very hot, which could cause damage or injury.

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

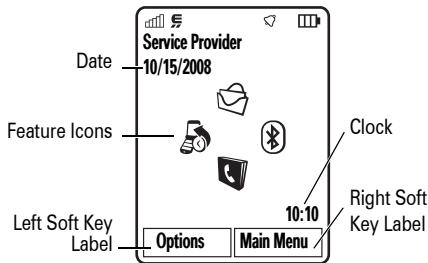


**Warning:** Never dispose of batteries in a fire because they may explode.

# 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 number keys and .

Press the *centre key*  or the **Main Menu** soft key to open the main menu.







Press **Options** in the home screen lock the external (side) keys, set an alarm, take a picture or send a message, change the alert profile, activate aircraft mode or customise the home screen.


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 *START HERE* guide.






**Tip:** Want some help? Press **Main Menu** >  **Help**. Select a **Help** topic to find information about phone features.


Status indicators appear at the top of the home screen:






- 1 Signal Strength Indicator** – Show 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® Indicator** – Shows Bluetooth status:
  -  solid blue = Bluetooth powered on
  -  solid green = Bluetooth connected
  -  flashing blue = Bluetooth discoverable mode




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

-  (green) = online
-  = offline
-  = busy
-  = discrete
-  (gray) = invisible to IM


- 5 IM Indicator** – Shows when you receive a new IM message. 

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

-  = email message
-  = voicemail message

- 7 Location Indicator** – Shows  when your phone is providing location information to the network, or  when location information is turned off. 



8 **Profile Indicator** – Shows the alert profile setting:

 = ring only

 = silent

 = vibrate only

 = vibrate then ring

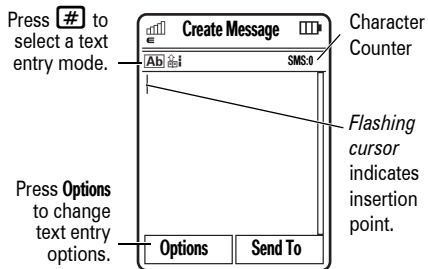
9 **Active Line Indicator** – Shows  to indicate an active call, or  to indicate when call forwarding is on.







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

## text entry




Some features let you enter text.




text entry modes	
	"word" mode (see page 24)
	"abc" mode (see page 25)
	numeric mode (see page 26)
	symbol mode (see page 26)


To **change** text entry settings and languages:


**Find it:**  >  **Settings** > **Phone Settings** > **Text Entry**




**Change text case:** Press  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. Press **Options** > **Text Entry** > **Set Text Prediction** > **Learn my words**. Your phone shows  when the feature is active.



**Set text completion:** Set your phone to guess the rest of the word when you enter three or more characters in

a row. Enter a word and press **Options** > **Text Entry** > **Set Text Prediction** > **Offer completions**. Your phone shows  when word learning is active.

**Enter punctuation:** Press  to enter punctuation or other characters.

**Edit or delete text:** 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 the entire word.

## word mode

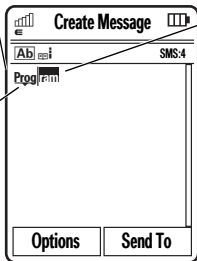
Press  in a text entry screen to switch to "word" predictive text entry mode. Your phone shows  in the display.

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 **7** **7** **6** **4**, your display might show:

Press **\*** to enter **Prog** & a space.

Press **↑** up/down to see other words. Press **◀** to select a word.



You can turn text completion on (☺) or off (☹).

Press **C** to delete character to left of cursor.

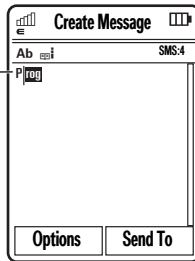
## abc mode

Press **#** in a text entry screen to switch to “abc” text entry mode. Your phone shows **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** one time, your display might show:

Character displays at insertion point.



After two seconds, character is accepted and cursor moves to next position.

When text completion is activated, your phone tries to guess the rest of the word:

- Press **◀** to select the suggested word.
- Press **→** right to enter the suggested word and a space.
- If you want a different word, press keypad keys to enter the remaining letters.

## numeric mode

Press **#** in a text entry screen until you see **123**. 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.

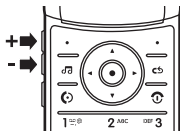
## symbol mode

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 **◂**.

## volume

Press the volume keys to:

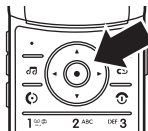
- turn off an incoming call alert




- change earpiece or speaker phone volume during a call
- change playback volume for a song or video
- set your phone's alert profile in the home screen (press the volume keys to scroll to a profile, then press **◂** or side select key to select it)

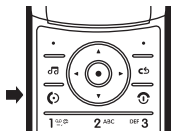
## navigation key

Press the navigation key **◂** up, down, left, or right to scroll to menu items. When you scroll to something, press **◂** 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 activate the camera.

## external display

When your phone flip is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 22.

## set phone ring style in external display

From the external display, press the external volume keys on the side of your phone to scroll to a profile, then press the side select key to select it.

## return unanswered call in external display

Your phone keeps a record of your unanswered calls, and the external display shows **X Missed Calls**, where **X** is the number of missed calls.

**Tip:** Since the microphone and earpiece are hidden when the phone flip is closed, you'll have to use a headset or other handsfree device to make and receive calls.



- 1 Press the side select key (see illustration on page 2) to see the received calls list.
- 2 Press the external volume keys on the side of your phone to scroll to an unanswered call.

- To call the number, press and hold the side select key.
- To exit without calling, press the side select key briefly.

## 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 the external *voice command key* on the side of your phone. The phone loads the voice recognition software, then prompts you to say a command or name.

- 2 Wait for the beep, then say the name of an entry as it appears in your contact list. 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 the voice command key on the side of your phone, then press **Help**.

## voice activate phone functions

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

- 1 Press and hold the external voice command key on the side of your phone. The phone prompts you to say a command.
- 2 Wait for the beep, then say a command from the list.



voice commands
<i>"contact name"</i>
"Dial Number"
"Send Message To <i>contact name</i> "
"Check Calendar"
"Check New Message"
"Check New Email"
"Add New Contact"
"Talking Phone"

voice commands
"Check Battery"
"Check Signal"
"Check Time"
"Check Date"
"Open Setup"
"Open Recent Calls"
"Open Theme"
"Open Camera"
"Open Web Access"
"Set Aircraft"
"Set Aircraft Off"
"Set Ring"
"Set Normal"
"Set Vibrate"
"Set Silent"

**Tip:** Press and release the voice command key on the side of your phone to see the list of voice commands.

## talking phone

Set your phone to recite incoming caller ID information, read the names of menu features or contact list entries, read messages you receive, and provide audio feedback for phone functions.

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

**Shortcut:** Press and hold the external voice command key on the side of your phone. When the phone prompts you to say a command, say “Talking Phone.”



## handsfree speaker

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

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

You can lock the external phone keys when the phone flip is closed, to prevent accidental key presses (for example, when carrying your phone in a purse or pocket).

To **manually lock** the external keys: Close the phone flip, then press and hold the side select key. The



external keys remain locked until you open the phone flip.

To **automatically lock** the external keys when the phone is idle and the phone flip is closed:

**Find it:**  >  **Settings** > **Security** > **External Key Lock** > **Timer**

You can set the time delay for locking the external keys (**2 Seconds**, **4 Seconds**, or **8 Seconds**). The keys lock when you close the phone flip, and unlock when you open the phone flip.

To **turn off** the automatic lock feature:


**Find it:**  >  **Settings** > **Security** > **External Key Lock** > **Timer** > **Off**

To **unlock** the external keys: Press and hold the side select key.



# lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit unlock code.

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

You can make emergency calls when the phone is locked (see page 41).

# personalise

---

## profiles

You can quickly change your phone's alert style or profile to match your activity or environment. Each profile uses a different set of ringtones or vibrations for incoming calls and other events. The alert profile indicator shows at the top of the home screen:

 Ring Only

 Silent


 Vibrate Only

 Vibrate then Ring

**To change your profile:** From the home screen, press the external volume keys on the side of your phone.

Alternatively, from the home screen press **Options** > **Change Alert Style** or **Change Profile**.

The **Silent** profile silences your phone until you set another profile.








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

## change alert style settings



You can change the ringtones that a standard alert style uses to notify you of incoming calls and other events. Additionally, you can change the alert style's ring volume, keypad tone volume, and media playback volume settings. For dual-line-enabled SIM cards, you can set different ringtones to identify incoming calls on line 1 or line 2.

**Note:** You can't set a ringtone for the **Silent** alert style, or change some settings for some alert styles.

**Find it:**  >  **Settings** > **Profiles** > **Alert Style** > *alert style*



- 1 Press /right to select the **alerts** tab , **volume** tab , **messages** tab , or **settings** tab .
- 2 Press  up/down to scroll to the alert or volume setting you want to change, then press .
- 3 Select the setting value you want.
- 4 Press **Back** to exit and save your changes.

To **reset** the default settings for an alert style:

**Find it:**  >  **Settings** > **Profiles** > **Alert Style** > *alert style*, press **Options** > **Reset**

## create a new profile

To create a **new** profile with the ringtones and volume settings you specify:

**Find it:**  >  **Settings** > **Profiles** > **Alert Style** > *alert style*

- 1 Change alert style settings as described in the previous section.
- 2 Press **Options** > **Save as Profile**.
- 3 Enter a name for the profile, then press **Save** to save it.



To create **additional** profiles:

**Find it:**  >  **Settings** > **Profiles**, press **Options** > **Create Profile**

**Note:** Profile alert settings also can be set by the theme. When you apply a new theme, you can choose to apply the theme's alert settings to the current profile. Selecting this option **changes** the current profile to use the theme alert settings.



## edit or delete profiles

To **edit** a profile:

**Find it:**  >  **Settings** > **Profiles**, scroll to the profile, press **Options** > **Edit**



**Note:** You can't edit the **Silent** profile, or change some settings for some profiles.

To **delete** a user-defined profile:

**Find it:**  >  **Settings** > **Profiles**, scroll to the profile, press **Options** > **Delete Profile**

## restore alert style settings

To delete all user-defined profiles and restore your phone's original alert style settings:

**Find it:**  >  **Settings** > **Profiles**, press **Options** > **Reset**

## 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 > **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 look and sound of your phone. Most themes include a wallpaper image, screensaver image, and ringtones. 



To **apply** a theme:

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

Alternatively, from the home screen, press **Options**  
> **Customise Home** > **Change Theme**.

To **download** a theme, see page 45.






To **delete** a theme:

**Find it:**  >  **Settings** > **Themes**, scroll to the theme, then press **Options** > **Manage** > **Delete**

**Note:** You can delete only downloaded themes or custom themes you create.

## modify a theme

**Find it:**  >  **Settings** > **Themes**, scroll to the theme, press **Options** > **Edit**

- 1 Press  left/right to select the **sounds** tab  or **images** tab .
- 2 Press  up/down to scroll to the setting you wish to change, then press .
- 3 Scroll to the image or sound file you want, then select it.
- 4 Press **Save** to save your theme changes.

The **Wallpaper** appears as a background image in your home screen.

The **Screensaver** appears in the display when no activity is detected for a specified time. To set the delay interval, see the following section.

**Skins** set the look and feel of your phone's display.

To **reset** the standard settings for a modified theme:

**Find it:**  >  **Settings** > **Themes** > *theme*, press **Options** > **Manage** > **Reset**

To **restore** the default theme on your phone:

**Find it:**  >  **Settings** > **Themes**, press **Options** > **Manage** > **Restore to Default**

## create a new theme

**Find it:**  >  **Settings** > **Themes**, press **Options** > **Create New** or **Create a Copy**

## display appearance

To set your display **brightness**:

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

To save battery life, the keypad **backlight** can turn off when you're not using your phone. To set the backlight timeout delay interval:

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

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

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

To set the **screensaver** timeout delay interval:

**Find it:**  >  **Settings** > **Phone Settings** > **Display Settings** > **Screensaver Timeout**



**Note:** To see the screensaver, the **Display Timeout** setting must be greater than the **Screensaver Timeout** setting.

**Tip:** To extend battery life, turn off the screensaver.


## answer options

You can use different ways to answer an incoming call.

To turn on or turn off an answer option:

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

options
<b>Any Key Answer</b> Answer by pressing any key.
<b>Open to Answer</b> Answer by opening the phone flip.

You can always press  to answer a call.

# calls


---




## turn off a call alert




Press the external volume keys on the side of your phone to turn off the ringer before answering a call.



## recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.



**Shortcut:** Press  in the home screen to see the **Dialled Calls** list.


**Find it:**  >  **Recent Calls**, press  to select the **Dialled Calls**, **Missed Calls**, **Answered Calls**, or **Recent Calls** list

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

- To call the number, press .
- To see call details (such as time and date), press .
- Press **Options** to select recent calls options, or to select call times or costs (see page 74).

## redial



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

If you hear an **engaged 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

Your phone keeps a record of your unanswered calls, and shows **X Missed Calls**, where **X** is the number of missed calls.

- 1 When you see the **X Missed Calls** message, press  to see the **Missed Calls** list. Scroll to the call you want to return, then press .

## caller display

*Calling line identification* (caller ID) shows the phone number for an incoming call in your phone's display.



Your phone shows the caller's name and picture when they're stored in your contact list, or **Incoming Call...** when caller display 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 69.

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** > **In-Call Setup** > **My Caller ID** > **All Calls** > **Show ID** or **Hide ID**

## emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call at any time, even when your phone is locked or the SIM card is not inserted.

**Note:** Check with your service provider, as emergency numbers vary by country. Your phone 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 the send key  to call the emergency number.

## voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.



**Note:** Your service provider may include additional information about using this feature.

When you **receive** a voicemail message, your phone display shows **New Voicemail** and the new message indicator .

To **check** voicemail messages:

 >  **Messages** > **Call Voicemail**

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

## music player

For basic music player instructions, see your *START HERE* guide.

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

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

**Windows Media Audio** format offers the optimal balance between file size and sound quality. Song files in this format tend to require more storage space than files that use Windows Media Audio Pro format.

**Windows Media Audio Pro** format is designed for use in portable devices with limited storage capacity. The

format provides improved sound quality at lower bit rates.

To set the default file format and bit rate:

- 1 Insert the music CD in your computer's CD drive.
- 2 Launch 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** or **Windows Media Audio Pro**.
- 5 Click the Rip tab down arrow again, then choose **Bit Rate > bit rate**.

## convert iTunes AAC files to MP3 files on your computer


Use the iTunes desktop application to convert standard iTunes AAC files to MP3 files that are compatible with Windows Media Player 11.


**Note:** The iTunes desktop application can only convert AAC files ripped from a music CD. It can't convert music files purchased from the iTunes store.


- 1 Open the iTunes desktop application on your computer.
- 2 Select **Edit > Preferences**, then click the Advanced tab and click Importing.
- 3 Open the Import Using pop-up menu, then select the MP3 Encoder option. Click **OK** to save your settings.
- 4 Select one or more songs in your iTunes music library, then choose **Advanced > Convert Selection to MP3**.

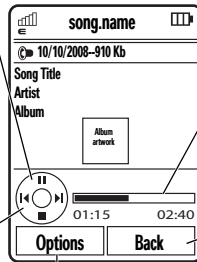
The converted MP3 file copies appear in your computer's music library alongside the original AAC files.

## play music (flip open)

Use the navigation key  to control song playback when the phone flip is open.

Press  up to pause/play, press down to stop.

Press  left/right to skip to previous/next song.




Timer shows % played.


Return to previous screen.

Select & adjust music player options.


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

<b>options</b>
<b>Hide</b> Hide the music player while music plays. To see the music player again, go to the home screen, then press  up.
<b>Manage</b> Show song <b>Properties</b> , such as file name, type, and size.
<b>Delete</b> Delete the song file.
<b>Send to</b> Send the song in a message or email, or send it to another device over a Bluetooth connection.


<b>options</b>
<b>Apply to</b> Add the song to a playlist or make it a ringtone.
<b>Use Bluetooth/ Use Handset</b> When Bluetooth power is on, select <b>Use Bluetooth</b> to route audio to a Bluetooth headset.  When a Bluetooth audio connection is active, select <b>Use Handset</b> to switch audio back to the phone.  <b>Note:</b> This option appears only when Bluetooth power is turned on.
<b>Setup</b> Customize settings.

During a song, the music player shows the song title, artist, album, and artwork, if available. To see a larger image of the **artwork**, press  (press it again to return to the music player).

## customize the music player

**Find it:** , press **Options** > **Setup**

You can select the following options:

options
<b>Shuffle</b> Play songs in a random order.
<b>Auto-Repeat</b> Replay the song or playlist when the last file finishes playing.
<b>Stereo Effects</b> Set <b>Spatial Audio</b> and <b>Bass Boost</b> to customize sound.
<b>Internet Connection</b> Set your Internet connection preferences. 



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

## browser

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

To **launch** the browser:

**Find it:**  >  **Web Access** > **Browser**

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 (for more information about text entry, see page 23).

To **go to a Web page**, press **Options** > **Go to Page**, enter the Web address, then press **Go**.

To **bookmark** the current Web page, press **Options**  
> **Active Page** > **Add Bookmark**.

To go to a **bookmarked Web page**, press **Options**  
> **My Bookmarks** > *bookmark*.

To **upload** a video to a video blog site, see your **START**  
**HERE** guide.

To **download** a media file, theme, or Java™ game or  
application to your phone, go to the page that links to  
the file, scroll to the link, and select it.

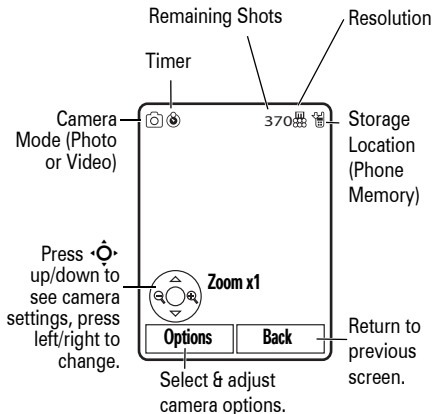
To **exit** the browser, press **Options** > **Exit**.


## camera


The 2-megapixel digital camera on your phone can take  
photos at up to 1200 x 1600 pixels resolution. Just aim  
and shoot to take a photo, then press **Send** to share it  
with your friends.



## take a photo

**Find it:**  >  **Multimedia** > **Camera**



To take the photo in the viewfinder, press .

- To store the photo, press .

- To send the photo in a message, press **Send** (see page 51). 
- To discard the photo, press the clear/back key .
- To select other photo options, press **Options**. You can choose to **Save Only**, **Discard**, **Send to** (message, email, or Bluetooth connection), **Apply to** (wallpaper, screensaver, new or existing contact), **Edit**, or **Print via** (Bluetooth connection or USB connection).

## auto-send

You can set up your phone to automatically send the photos you take to a list of contacts you specify.

To use auto-send, you first must activate the auto-save feature:


**Find it:**  >  **Multimedia** > **Camera**, press **Options**  
> **Camera Settings** > **Auto-Save** > **Enable**

Then activate auto-send:

**Find it:**  >  **Multimedia** > **Camera**, press **Options**  
> **Camera Settings** > **Auto-Send** > **Enable**

To specify the message recipients for the photos you take:

**Find it:**  >  **Multimedia** > **Camera**, press **Options**  
> **Camera Settings** > **Message Recipients**

**Tip:** To send your photo in an MMS text message, the picture resolution must be set to **X-Small**, **Small**, or **Medium**. To set resolution, press  >  **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Picture Settings** > **Resolution**.

## self portrait

When the camera viewfinder is active, you can close the phone flip to show the viewfinder image in the external display. Press the side select key (see illustration on page 2) to take a photo. Your phone automatically stores photos you take when the phone flip is closed.

## camera settings

When the viewfinder is active, press **Options** to select camera options:

options
<b>Capture</b> Take a photo.
<b>Go to My Media</b> See, edit, and delete stored pictures and photos.
<b>Video Mode</b> Switch to the video camera.
<b>Auto-Timer</b> Set a timer for the camera to take a photo.
<b>Multi-Shot</b> Set the camera to take multiple photos in sequence.

## options

### Camera Settings

Customise camera settings:

- Review Time
- Shutter Tone
- Default Name
- Auto-Save
- Auto-Send
- Message Recipients
- Picture Settings
- Resolution
- Quality
- Video Settings
- Resolution
- Quality
- Video Length

# video

To record and play a video, and upload a video to a video blog Web site, see your *START HERE* guide.

## set video recording options

When the video camera viewfinder is active, press **Options** to set video recording options:

<b>options</b>
<b>Capture</b> Begin video recording.
<b>Go to My Media</b> See, edit, and delete stored videos.
<b>Picture Mode</b> Switch to the photo camera.
<b>Audio On/Audio Off</b> Turn audio recording on/off.

### options

#### Camera Settings

Customize camera settings (see page 48).


## set video playback options

When a video is playing, press **Options** to set video playback options.

**Note:** Your phone's options may vary. Most options apply only to user-recorded videos, and are not available for pre-installed videos.

### options

#### Play Fullscreen

Show the video in full screen. (Press  to return to actual size.)

#### Manage

Show video **Properties**, such as file name, type, and size.

## options

### Delete

Delete the video.

### Zoom

Show the video at actual size, or scale the video to fit the viewing area.

### Send to

Send the video in a message or email, or send it to another device over a Bluetooth connection.

### Use Bluetooth/Use Handset

When Bluetooth power is on, select **Use Bluetooth** to route the audio soundtrack (if available) to a Bluetooth headset.

When a Bluetooth audio connection is active, select **Use Handset** to switch audio back to the phone.

**Note:** This option appears only when Bluetooth power is turned on.

## options

### Setup

Adjust video settings.

# messages

---

## text messaging

### send a text message

A text 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:**  >  Messages > Create Message

- 1 Press keypad keys to enter text on the page (for more information about text entry, see page 23).  
To insert a **picture, sound, 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 text 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 the centre key  to select it).
  - Enter a new number or email address (press **Options** > **Enter Number** or **Enter Email**).

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

Your phone might tell you that this is a multimedia message, if it contains multiple pages or media objects. Some phones or networks don't support multimedia messages. Press **Yes** to send the message.

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


- Sound files play as you read the message. Press the external 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**.

## receive a text message

When you receive a message, your phone plays an alert, and the internal display shows

























**New Message** with a message indicator (such as )

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

- Pictures and animations show as you read the message.

## additional message & email features

features
<b>send a prewritten quick note</b> 
 >  <b>Messages</b> > <b>Templates</b> > <b>Text Templates</b> > <i>quick note</i> , press <b>Options</b> > <b>Send</b>
To create a new quick note:
 >  <b>Messages</b> > <b>Templates</b> > <b>Text Templates</b> , press <b>Options</b> > <b>Create template</b>
<b>set up email accounts</b> 
You can set up and use multiple email accounts on your phone:
 >  <b>Messages</b> > <b>Email</b> > <b>Add Account</b>
<b>Note:</b> Your display shows a separate folder for each email account.

features
<b>send email</b> 
 >  <b>Messages</b> > <b>Email</b>
<b>use a multimedia template</b> 
Open a multimedia template with pre-installed media:
 >  <b>Messages</b> > <b>Templates</b> > <b>Multimedia Templates</b>
<b>read new message or email</b> 
When your display shows <b>New Message</b> , press <b>Read</b> .
<b>read old messages</b> 
 >  <b>Messages</b> > <b>Inbox</b>
Icons next to each message show if it is <b>read</b>  , <b>unread</b>  , <b>urgent</b>  , or has an <b>attachment</b>  . Press <b>Options</b> to perform various operations on a message.

## features

### read old email



 >  Messages > Email

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

### store message objects



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

### create folder



Create a personal folder to store your messages.

 >  Messages > **My Folders**, press **Options**  
> **Create Folder**

## features



### 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:

 >  Messages, press **Options** > **Settings**  
> **Browser Messages**

### 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:

 >  Messages, press **Options** > **Settings** > **Info Services**

## instant messaging

Use instant messaging to share messages with your friends in real time.

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

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

To **find others** online, select **Contact List** to see a list of other users.

To **start a conversation**, scroll to a name in the **Find Online Contacts** list and press **Send IM**.

To **open an active conversation**, scroll to a name in the **Conversations** list and press **View**.

To end a conversation, press **Options** > **End Conversation**.

To **log out** from your instant messaging session, press **Options** > **Log Out**.

## create or edit an IM account

To create a new IM account:

**Find it:**  >  Office Tools > IM > **New Account**

To edit an existing IM account:

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

# connections

---

## MOTOSYNC

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



## MOTOSYNC with Exchange ActiveSync

Use the Internet to synchronize 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:**  >  **Office Tools** > **MOTOSYNC**  
> **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** synchronize data with an Exchange ActiveSync partner:

**Find it:**  >  **Office Tools** > **MOTOSYNC**  
> **Exchange ActiveSync**, press **Options** > **Auto-Sync** > **On**, press **OK** to enter the time and days you want to synchronize

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

**Find it:**  >  Office Tools > MOTOSYNC  
> Exchange ActiveSync > Synchronise Now

The first synchronization may take several minutes, depending on the amount of data in your contacts list, calendar, and email on the Exchange 2003 server.

## MOTOSYNC with SyncML

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



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

**Find it:**  >  Office Tools > MOTOSYNC > 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 can't 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

Access and manage music, photos, and other multimedia files stored on your phone.



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


Select a folder to see its contents.

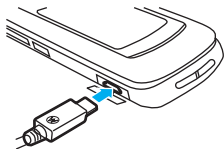
To **view** a photo or video, or **play** a sound file, just scroll to the file and select it.

To **edit** a file, scroll to the file and press **Options** to delete, rename, copy, move, send, or apply it. You can't 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 60).

## cable connections



 To transfer data between your phone and a computer, insert the micro-USB 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 also are sold separately. Check your computer to determine the type of cable you need.





To use your phone as a **modem**: Press  >  **Settings** > **Connections** > **USB Setting** > **Modem**.

To **transfer contact lists and calendar entries** between your phone and computer: Use the modem connection setting on your phone (press  >  **Settings** > **Connections** > **USB Setting** > **Modem**). You must run the optional Motorola Phone Tools accessory application on your computer. See the Phone Tools user's guide for more information.

To make **data calls** through a connected computer: Use the modem connection setting on your phone (press  >  **Settings** > **Connections** > **USB Setting** > **Modem**). 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 **copy files** between your phone and computer, see the instructions for copying music files to the phone in your *START HERE* guide.

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

## Bluetooth<sup>®</sup> wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with an optional Bluetooth headset or Bluetooth car kit to make handsfree calls; connect with a set of Bluetooth stereo headphones to listen to music stored on your phone; connect with a computer that supports Bluetooth connections to exchange files; connect with a printer that supports Bluetooth connections to print images; use your phone as a Bluetooth wireless modem to connect to the Internet.



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

## turn Bluetooth power on or 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** > **Connections** > **Bluetooth**, press **Options** > **Manage** > **Setup Bluetooth** > **Bluetooth Power** > **On**


**Note:** To extend battery life and maximize 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 handsfree car kit

**Before you try to connect your phone to a handsfree device**, make sure the device is **on** and **ready** in *pairing* or *bonding* mode (see the device user's guide). You can connect your phone with only one device at a time.

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

Your phone lists the devices it finds within range.

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

## copy files to another device

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

**Note:** You can't 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 to** > **Bluetooth** for an image or sound file.
  - **Send Contact via** > **Bluetooth** for a contact.
  - **Share Event via** > **Bluetooth** for a calendar event.
  - **Sending request. Please wait** > **Bluetooth** for a bookmark.
- 3 Select a recognized 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 the device passkey (such as 0000), and press **OK** to connect to the device.

## receive files from another device

**Before you try to receive a file from another device,** make sure your phone's Bluetooth power is **on** (see page 59).

Place your phone near the 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** > **Connections** > **Bluetooth**, press **Options** > **Discoverable**). The Bluetooth indicator  in the home screen flashes when your phone is in discoverable mode.

Your phone notifies you when file transfer is complete, and saves the file.

## 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 4x6 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 **Unknown Service** 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 recognized printer name, or **[Search for Printers]** to search for another printer where you want to send the image.






**Note:** If a printer is already listed in the **Printer** list, press  right and select **Search for Printers** to search for another printer.

- 3 If available, modify print options.

## advanced Bluetooth features

**Note:** A device is *recognized* after you connect to it once (see page 60).

features
<b>pair with recognized device</b> 
Press  >  <b>Settings</b> > <b>Connections</b> > <b>Bluetooth</b> , press  left/right to select the <b>My Devices</b> list, press  up/down to scroll to the device name, press  to connect.
<b>drop connection with device</b> 
Scroll to the device name and press <b>Options</b> > <b>Manage</b> > <b>Disconnect Device</b> .
<b>remove device from device list</b> 
Scroll to the device name and press <b>Options</b> > <b>Manage</b> > <b>Remove Device</b> .
<b>Note:</b> You can't remove a device from the list while your phone is connected to the device.

features
<b>switch audio to Bluetooth headset or Bluetooth car kit during call</b> 
Press <b>Options</b> > <b>Use Bluetooth</b> .  To switch audio back to the phone, press <b>Options</b> > <b>Use Handset</b> .
<b>edit properties of recognized device</b> 
Scroll to the device name, press <b>Options</b> > <b>Manage</b> > <b>Edit Device</b> .
<b>set Bluetooth options</b> 
Press  >  <b>Settings</b> > <b>Connections</b> > <b>Bluetooth</b> , press <b>Options</b> > <b>Manage</b> > <b>Setup Bluetooth</b> .

## phone 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](http://www.hellomoto.com/update)

**Note:** Software updates do not affect your contact list or other personal entries or files. If you receive a software update but choose to install it later, see page 76.

# other features

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## advanced calling

To use voice commands for calling, see page 28.

### 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:

 >  **Settings** > **Call Settings** > **Speed Dial** > *speed dial location*

To **call** a speed dial number, press and hold the single-digit speed dial number for one second.

### 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  to answer the new call.

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

To turn the call waiting feature on or off:

 >  **Settings** > **Call Settings** > **In-Call Setup** > **Call Waiting** > **On** or **Off**.

### make another call during a call



During a call:

**Options** > **New Call**, press **Options** > **Browse Contacts**

## features

### conference call




During a call:

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

### transfer a call





During a call:

**Options** > **Transfer Call**, dial transfer number, press 

### call diversion





Set up or cancel call diversion:

 >  **Settings** > **Call Settings** > **Call Forward**

### call barring



Restrict outgoing or incoming calls:

 >  **Settings** > **Call Settings** > **Call Barring**

### TTY calls



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

 >  **Settings** > **Phone Settings** > **TTY Settings**

## features

### 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** > **In-Call Setup** > **Active Line**

The active line indicator shows the active phone line (see illustration on page 23).

## features

### fixed dial





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

**Note:** You must enter your SIM PIN2 code to turn fixed dialing on or off. If you forget your PIN2 code, contact your service provider.

Turn fixed dialing on or off:

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


Use the fixed dial list:

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

### service dial



Dial service phone numbers stored by your service provider:

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

## features

### DTMF tones

Activate DTMF tones:

ⓘ > ⚙ Settings > Call Settings > In-Call Setup > DTMF

Send DTMF tones during a call:

Press number keys

### hyphenation

Set your phone to add hyphens to phone numbers you enter:

ⓘ > ⚙ Settings > Call Settings > In-Call Setup  
> Hyphenation

## contacts

For basic contact list features, see your *START HERE* guide.

## features


### set contact storage location






**Note:** You can store contacts in phone memory, SIM card memory, or both. Contacts stored on the SIM card can contain only a name and phone number. To set your default storage location:

ⓘ > 📁 Contacts, press Options > View by > Phone & SIM, SIM Card or Phone Contacts

## features

### add new contact

•◂ >  **Contacts**, press **Options** > **Create New Contact**

For a contact stored in phone memory: Press •◂ left/right to select the **contact details** tab , **address** tab , **picture ID** tab , **alerts** tab , or **notes** tab . Press •◂ up/down to scroll to information you wish to change, then press the centre key •◂ to select it.



### set contact list view

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

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


## features

### call 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.

### send message to contact

•◂ >  **Contacts**, scroll to the contact, press **Options** > **Send Message**

## features

### add additional 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, then press the centre key ◂◃ to select it.

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

### set picture ID for contact

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



•◂ >  **Contacts** > *entry*, press **Options** > **Edit Contact**, press ◂◃ left/right to select the **picture ID** tab , > *picture*

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

## features



### set alert(s) for contact

Assign a distinctive call alert (*ringer ID*) or message alert for a contact:

•◂ >  **Contacts**, scroll to the contact, press **Options** > **Edit Contact**, press ◂◃ left/right to select the **alerts** tab , > **Call alert** or **Message Alert**

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


### assign contact to category

•◂ >  **Contacts**, scroll to the contact, press **Options** > **Edit Contact**, press ◂◃ left/right to select the **details** tab , > **Category**

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

## features

### set category view

•◉• >  **Contacts**, press **Options** > **Filter by**

You can show contacts in a predefined category (**Family**, **Friends**, **Work**), or contacts in a category that you create (select **Create New Category**).

### set alert(s) or picture ID for category

Assign a distinctive call alert (*ringer ID*), message alert, or picture ID for contacts in a specified category:

•◉• >  **Contacts**, press **Options** > **Manage Contacts**  
> **Edit Categories** > *category*

## features

### create group mailing list

Assign contacts to a group message list or email list:

•◉• >  **Contacts**, press **Options** > **Create New**  
> **Message List** or **Email List**


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

### show contact photos

Show contacts with picture ID photos, or as a text list:

•◉• >  **Contacts**, press **Options** > **Manage Contacts**  
> **Contacts Settings** > **Default View** > **Thumbnail** or **List**



### set contact list sort order

•◉• >  **Contacts**, press **Options** > **Manage Contacts**  
> **Contacts Settings** > **Default Sort Order** > **First Name** or **Last Name**

## features

### copy all contacts to SIM card


Copy all contacts from phone memory to the SIM card:

 >  **Contacts**, press **Options** > **Manage Contacts**  
> **Copy All to SIM Card**

### synchronise contacts

synchronise your contact list over-the-air direct to a corporate Microsoft® Exchange 2003 server using MOTOSYNC:





 >  **Contacts**, press **Options** > **Manage Contacts**  
> **Synchronise**

For more information, see page 56.



## features

### send contact to another device



Send a contact to another phone, computer, or device:

 >  **Contacts**, scroll to the contact, press **Options**  
> **Send Contact via** > **Bluetooth** or **Message**



### delete contact

 >  **Contacts**, scroll to the contact, press **Options**  
> **Delete Contact**

### delete multiple contacts

 >  **Contacts**, press **Options** > **Select Multiple**, select contacts to delete, press **Options** > **Delete**



### delete all contacts

 >  **Contacts**, press **Options** > **Manage Contacts**  
> **Delete All Contacts**

## features



### import vCard

Import contact information from a vCard file stored on your phone.

 >  **Contacts**, press **Options** > **Manage Contacts**  
> **Import vCard**

### store owner's information

Store information about yourself on your phone.

 >  **Contacts**, press **Options** > **Manage Contacts**  
> **Owner's Information**

## advanced personalizing

## features





### language

Set menu language:

 >  **Settings** > **Phone Settings** > **Language**

### reminders

Set the reminder alert for event notifications:

 >  **Settings** > **Profiles**, press  left/right to select the **settings** tab , > **Reminder Alert**

### clock view

Show an analog or digital clock in the home screen, or turn off the clock:

From the home screen, press **Options** > **Customise Home**  
> **Clock Style**.

## features

### date view

Show or turn off the date in the home screen:

From the home screen, press **Options > Customise Home > Date**.

### 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 photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

This option does **not** delete SIM card information:


 >  **Settings > Phone Settings > Reset > Delete All Data**

### delete SIM card information







**Caution:** This option **erases all information you have entered** (including contacts and calendar entries) **and content you have downloaded** (including photos and sounds) stored on your SIM card. After you erase the information, you can't recover it.













 >  **Settings > Phone Settings > Reset > Delete Memory Cards**

## 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 engaged 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.**




<b>features</b>
<b>call times</b> 
See call timers:  >  <b>Recent Calls</b> , press <b>Options</b> > <b>Call Times</b>
<b>in-call timer</b> 
Show call time information during a call:  >  <b>Settings</b> > <b>Call Settings</b> > <b>In-Call Setup</b> > <b>In-Call Timer</b>

<b>features</b>
<b>call cost</b> 
See call cost trackers and credit information:  >  <b>Recent Calls</b> , press <b>Options</b> > <b>Call Costs</b>
<b>call cost setup</b> 
Set a credit limit:  >  <b>Recent Calls</b> , press <b>Options</b> > <b>Call Costs</b> > <b>Call Cost Setup</b>
<b>data times</b> 
See data call timers:  >  <b>Recent Calls</b> , press <b>Options</b> > <b>Data Times</b>
<b>data volumes</b> 
See data volume meters:  >  <b>Recent Calls</b> , press <b>Options</b> > <b>Data Volumes</b>




## handsfree

**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.

features	
<b>speaker phone</b>	
Activate a connected external speaker phone during a call:	
Press <b>Speaker</b>	
<b>auto answer (headset)</b>	
Automatically answer calls when connected to a car kit or headset:	
 >  <b>Settings</b> > <b>Phone Settings</b> > <b>Headset Settings</b>	
> <b>Auto-Answer</b>	

features	
<b>voice dial (headset)</b>	
Enable voice dial with headset send/end key:	
 >  <b>Settings</b> > <b>Phone Settings</b> > <b>Headset Settings</b>	
> <b>Voice Dial</b>	

## network

features	
<b>network settings</b>	
See network information and adjust network settings:	
 >  <b>Settings</b> > <b>Network</b>	

## features

### software update




Your service provider can 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:

 >  **Settings** > **Phone Settings** > **Software Update**  
> **Install**

## 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

 >  **Office Tools** > **Calendar**, press **Options**  
> **Calendar Setup** > **Default View**

### add new calendar event

 >  **Office Tools** > **Calendar**, select the day and the start time, press , enter event details

You can set a music file, voice record, or video as a calendar event reminder. When creating a calendar event, select **Alarm Style** > *alarm type*, scroll to the file (or create a new file), press **Insert**.

## personal organiser

## features

### set alarm

 >  **Office Tools** > **Alarm Clock**

**Shortcut:** From the home screen, press press **Options**  
> **Set Alarm**.

## features

### see calendar event

 >  Office Tools > Calendar > *event*

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

### calendar event reminder



When the display shows and sounds an event reminder:

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:

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

## features

### manage downloaded files

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

 >  Office Tools > **Download Manager**

### manage files

Access and manage multimedia files stored on your phone:

 >  Office Tools > **File Manager**

### world clock

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

 >  Office Tools > **World Clock**

## features

### task list

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

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




### notes

Write and store notes on your phone:

 >  **Office Tools** > **Notepad**

## features

### record voice note

 >  **Multimedia** > **Voice Recorder**, press the centre key  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.

### play voice note

Play back a voice note you've recorded:



 >  **Office Tools** > **File Manager** > **Voice Notes** > *voice note*

## features

### calculator

 >  Office Tools > Calculator

### currency converter

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



## security

## features

### SIM PIN

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

Lock or unlock the SIM card:

 >  Settings > Security > SIM Lock

## features



### lock application

 >  Settings > Security > Application Lock

### manage certificates

Enable or disable Internet access certificates stored on your phone:



 >  Settings > Security > Certificates

Certificates are used to verify the identity and security of Web sites when you download files or share information.

# fun & games

## features

### manage music and sounds




Manage music and ringtones that you have downloaded:

Press 

Scroll to a sound file, then press **Options** to delete, rename, copy, move, send, or apply it. You can't perform some operations on some copyrighted or pre-installed files.

### play a music or sound file

Press  > *sound file*

## features

### manage pictures

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

Scroll to a picture file, then press **Options** to delete, rename, copy, move, send, or apply it. You can't perform some operations on some copyrighted or pre-installed files.

### edit a picture

 >  **Multimedia** > **Pictures** > *picture*, press **Options** > **Edit**

You can't edit some copyrighted or pre-installed files.

### manage videos

 >  **Multimedia** > **Videos**



Scroll to a picture file, then press **Options** to delete, rename, copy, move, or send the video. You can't perform some operations on some copyrighted or pre-installed files.

## features

### start a game or application

Start a Java™ game or application:



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

### use SIM applications

Your SIM card may contain additional applications that add features and functionality to your phone. Contact your service provider for information.



 >  **Office Tools** > **SIM Applications**

## features

### aircraft mode

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

From the home screen, press **Options**  
> **Enable Airplane Mode** > **Yes**.

To turn off aircraft mode and reactivate your phone's calling features.

From the home screen, press **Options**  
> **Disable Airplane Mode** > **Yes**.

# Specific Absorption Rate Data

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## **This model meets international guidelines for exposure to radio waves.**

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.34 W/kg.<sup>1</sup> As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.<sup>2</sup> In this case, the highest tested SAR value is 0.63 W/kg.<sup>1</sup>

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 Organisation

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Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

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

# OPEN SOURCE SOFTWARE INFORMATION

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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 email your request to [ossmanagement@motorola.com](mailto:ossmanagement@motorola.com).

Optionally, you may choose to 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](http://opensource.motorola.com) also contains information regarding Motorola's use of open source.

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

To see additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, follow these instructions:

- 1 From the phone Main Menu, select **Office Tools**.
- 2 From **Office Tools**, select **File Manager**.
- 3 From **File Manager**, select **OpenSource** folder.
- 4 Highlight **OpenSourceNotices.html** and press **Select**. This will launch the browser and open the notices document.

# index

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## A

- abc mode 25
- accessories 18, 59, 75
- active line indicator 23
- active line, change 66
- aircraft mode 81
- aircraft mode 21, 29
- alarm clock 76
- alert
  - set 27, 33, 36
  - turn off 26, 39
- alert profile 33
- alert style profiles 23
- animation 80
- answer a call 38
- audio player 42

## B

- backlight 37
- battery 18
- battery charge indicator light 2, 18
- battery indicator 23
- battery life, extend 19, 37, 38, 59
- blog 45
- Bluetooth indicator 22
- Bluetooth indicator light 2
- Bluetooth wireless 59
- bonding. See Bluetooth wireless
- brightness 37
- browser 45, 54, 77
- browser messages 54

## C

- cables, using 58

- calculator 79
- calendar
  - add event 76
  - send event 77
  - set view 76
  - synchronize 56, 57
- call
  - answer 38
  - waiting 65
- call alert 69
- call barring 30, 65
- call diversion 65
- call diversion indicator 23
- call timers 74
- caller display 40, 69
- camera 2, 46, 49
- car kit 75
- centre key 18, 26

- certificate management 79
- clear/back key 24
- clock 35, 72
- codes 30, 32
- conference call 65
- contact list
  - add entry 68
  - filter 70
  - picture ID 40
  - send contact 71
  - synchronise 71
  - synchronize 56, 57
  - view 70
- costs, track 74

## D

- data call 74
- date 35, 73
- delete data 73
- delete text 24
- dial a phone number 66

- dialled calls 39
- digital audio 42
- display 3, 21, 37, 72, 73
- divert calls 65
- download files 46
- download manager 77
- download media objects 54
- drafts folder 52
- DTMF tones 67

## E

- earpiece volume 26
- EDGE indicator 22
- email 45
  - create folder 54
  - read 53, 54
  - send 53
  - setup 53
  - synchronize 56
- email address 68
- emergency number 41

- Enter Unlock Code message 30
- external display 2, 27

## F

- file manager 57, 77
- filter contacts 70
- fixed dial 66
- flip 27, 38

## G

- GPRS indicator 22
- group mailing list 70

## H

- handsfree speaker 2, 30
- headset 28, 75
- hold a call 64
- home screen 3, 21, 72, 73
- hyphenation 67

## I

- IM 55
- IM indicators 22
- in-call indicator 23
- Incoming Call message 40
- information services 54
- instant messaging. See IM
- international access code 64

## K

- keypad 38
- keypad volume, adjust 33, 34

## L

- language 72
- light alert 69
- linking. See Bluetooth wireless
- location indicator 22
- lock
  - application 79
  - external keys 31

- phone 32
- SIM card 79

Low Battery message 23

## M

- media playback 33, 34
- media volume, adjust 33, 34
- menu 3, 21
- menu icons 21
- menu key 18
- message
  - read 52, 53
  - send 51
- message alert 69
- message indicator 22, 52
- message reminders 72
- messaging. See IM
- micro-USB port 2, 19, 58
- Missed Calls message 40
- MOTOSYNC 56, 57
- MP3 sound files 42

- multimedia message 51, 53
- music 80
- music player 42
- mute a call 64

## N

- navigation key 18, 26
- network settings 75
- notes 78
- numeric entry mode 26

## O

- open to answer 38
- optional accessory 18
- optional feature 18

## P

- pairing. See Bluetooth wireless
- passwords. See codes
- personalize 72
- phone number

- store 68
- your number 66
- photo 46, 80
- picture 80
- picture ID 40, 69
- PIN code 30, 79
- PIN2 code 30, 66
- predictive text entry 24
- printing 59, 61
- profile indicator 23
- profiles 23, 33

## Q

- quick note 53

## R

- received calls 39
- recent calls 39
- redial 39
- reminders 72
- reset settings 73

- resolution 48
- return a call 27, 40
- ring style 27
- ringer ID 40, 69
- ringer volume, adjust 33, 34
- ringtone 33, 36, 44, 80

## S

- screensaver 36, 37
- security code 30
- service dial 66
- side select key 2, 27
- signal strength indicator 22
- silent mode 27
- silent profile 33
- SIM applications 81
- SIM Blocked message 79
- SIM card 30, 66, 79
- SIM card, delete information 73
- skin 36
- smart key 27

- soft keys 21
- software update 63, 76
- speaker phone 75
- speed dial 64
- store phone numbers 68
- symbol entry mode 26
- synchronize 56, 57

## T

- task list 78
- text edit 24
- text entry 23
- text entry mode 25
- text message 51
- text messaging 51
- text templates 53
- theme 36
- time 35
- timers 74
- transfer a call 65
- TTY device 65

## U

unlock

application 79

external keys 31

phone 30, 32

SIM card 79

unlock code 30, 32

USB cables 58

## V

vibrate mode 27

vibrate profile 33

video 49, 80

video blog 45

voice command key 2, 28

voice commands 28

voice dial 28, 75

voice note 78

voicemail 41

voicemail message indicator 41

volume 26, 33, 34

volume keys 2, 26

## W

wallpaper 36

Web pages 45

WHO information 84

word text entry mode 24

world clock 77

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