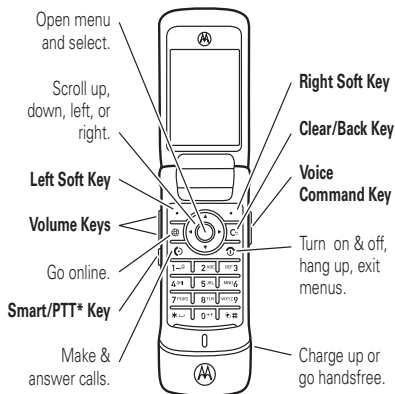


Welcome

Introducing your new MOTOKRZR GSM wireless phone. Here's a quick anatomy lesson.



For Push to Talk (PTT) details, see page 24.

* Indicates network or subscription-dependent features

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

Home Screen



2 Press the Center Key (•◉•) key to open the **Main Menu**.

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

Main Menu



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

4 Press the Center Key (•◉•) to select it.

Note: All the illustrations, simulated screen and related images used in this manual are for reference only. There may be slight difference between the handset and keys and content of display used in this manual and those of your handset. Please refer to your handset for actuality. The display of the softkeys may be different if you subscribe SCREEN3™ service. SCREEN3™ is a subscription-dependent feature and is not available in all regions. Please contact your service provider for more details. After activating SCREEN3™, you may not be able to use •◉• to open the main menu. Please use the right soft key Main Menu to open it.

Mobile Devices Business

(852)2506-3888 (Hong Kong)

www.motorola.com.hk (Hong Kong)

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While Products specifications and features may be subject to change without notice, we are making every possible effort to ensure that user manuals are updated on a regular basis to reflect product functionality revisions. However, in the unlikely event that your manual version does not fully reflect the core functionality of your product, please let us know. You may also be able to access up-to-date versions of our manuals from our Motorola web site, at <http://www.motorola.com.hk>.

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

Manual Number:6887370Z88

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

* Indicates network or subscription-dependent features

menu map

main menu



Phonebook



Recent Calls

- (press the or to scroll through the call lists)



Messages

- New Message
- Email Msgs*
- Message Inbox
- Voicemail*
- Browser Msgs*
- Info Services *
- Outbox
- Drafts
- Templates



Tools

- SIM Applications *
- Calculator
- Datebook
- Alarm Clock
- Dialling services
 - Fixed Dial *
 - Service Dial *
 - Quick Dial
- Activation List
- Voice Records
- World Clock*



Games & Apps



WebAccess

- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions *



Multimedia

- Themes
- Camera
- Video Camera
- Pictures
- Sounds
- Videos



Bluetooth Link



Settings

- (see next page)

* Indicates network or subscription-dependent features

Motorola reserves the rights for amending the features listed here without prior notice.

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

Tip: Press to exit the current menu, or to exit all menus.

settings menu



Personalise

- Home screen
- Headlines *
- Main Menu
- Voice Dial setup
- Skin
- Greeting
- Wallpaper
- Screen Saver



Ring Styles

- Style
- (style) Detail



Connection

- Bluetooth Link
- USB Settings
- Synchronisation*



Call Direct *

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



In-Call Setup

- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Talk and Fax*
- Answer Options
- Call Waiting*



Initial Setup

- Time and Date
- Speed Dial
- Auto Redial
- Display Timeout
- Backlight
- Scroll
- Text Marquee
- Language
- Battery Save
- Brightness
- DTMF
- Master Reset
- Master Clear



Phone Status

- My Tel. Numbers
- Active Line *
- Credit Info/Available *
- Battery Meter
- Download Location*
- Storage devices
- Software Update *



Headset

- Auto Answer
- Voice Dial



Car Settings

- Auto Answer
- Auto Handsfree
- Power-off Delay
- Charger Time



Airplane Mode

- Airplane Mode
- Prompt At Power Up



Network

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



Security

- Phone Lock
- Lock PTT Key *
- Lock Application
- Fixed Dial *
- Restrict Calls *
- Call Barring*
- SIM PIN
- New Passwords
- Certificate Mgmt *



PTT Settings *

- PTT Service



Java™ Settings

- Java App Loader
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Backlight

* Indicates network or subscription-dependent features

Safety and General Information

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

Exposure to Radio Frequency (RF) Energy

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

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

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in

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

the relevant standards, always follow these instructions and precautions.

External Antenna Care

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

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

Product Operation

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

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

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

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

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 physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (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 minimize 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 physician to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult your physician 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 can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

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.

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 fueling areas such as below decks

on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

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

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 Authorized Service Center. Do not attempt to dry it with an external heat source, such as a microwave oven.








Batteries and Chargers

If jewelry, 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.
	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 center.

Seizures/Blackouts

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

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the

lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage



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

Repetitive Motion

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

Use and Care

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



liquids of any kind

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



dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.



cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



microwaves

Don't try to dry your phone in a microwave oven.



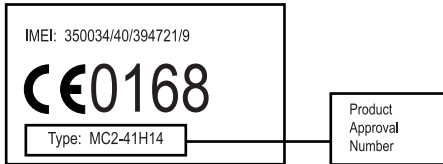
the ground

Don't drop your phone.

European Union Directives Conformance Statement

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

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



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

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

Caring for the Environment by Recycling



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

Disposal of your Mobile Telephone and Accessories

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


about this guide

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

Find it:  >  **Messages** > **New Message**

This means that, from the home screen:

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

Note: After activating SCREEN3™, you may not be able to use  to open the main menu. Please use the right soft key Main Menu to open 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.

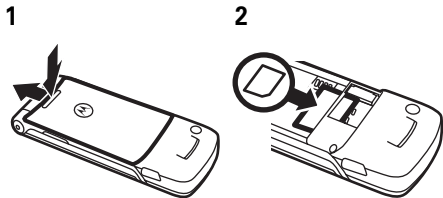
SIM card

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

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.

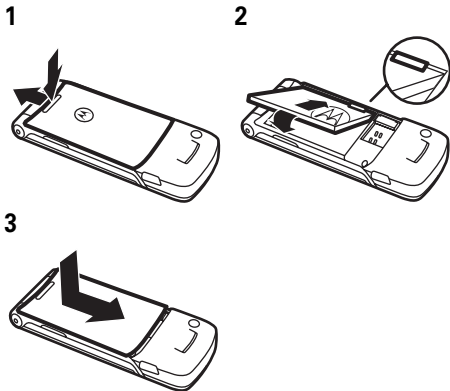
To insert and use a **memory card**, see page 38.

Turn off your phone and remove your battery before you install or remove a SIM card.



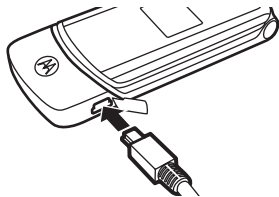
battery

battery installation



battery charging

New batteries are not fully charged. Plug the battery charger into your phone and an



electrical outlet. Your phone might take several seconds to start charging the battery. Your display shows **Charge Complete** when finished.

Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

You can charge your battery by connecting a cable from your phone's mini-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. Cables and software drivers are available in Motorola Original data kits, sold separately.

battery tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.



- When charging your battery, keep it near room temperature.

When storing your battery, keep it uncharged in a cool, dark, dry place.

- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.




Contact your local recycling center for proper battery disposal.

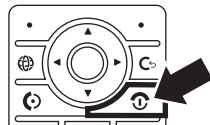
Warning: Never dispose of batteries in a fire because they may explode.


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

turn it on & off


Caution: Some phones ask for your SIM card PIN code when you turn them on. If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows **SIM Blocked**. Contact your service provider.


To turn on your phone, press and hold  for a few seconds or until the keypad or display lights up. If prompted, enter your eight-digit SIM card PIN code and/or four-digit unlock code.



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


make a call


Enter a phone number and press  to make a call.


To “hang up,” close the flip or press .


To use voice commands for calling, see page 50.

answer a call

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

To “hang up,” close the flip or press .

Note: Your phone cannot receive data over an EDGE network while it is  playing videos or some sound files. The EDGE


 status indicator appears at the top of your display when you can receive data over an EDGE network.

store a phone number



You can store a phone number in your

Phonebook:

Find it:  >  **Phonebook**, then press **Options** > **Create New** > **Phone Contact/ SIM Contact**





- 1 Enter a name and other details for the phone number. To select a highlighted item, press the *center key* .
- 2 Press the **Done** key to store the number.

To edit or delete a **Phonebook** entry, see page 69.



To store an email address from the home screen, press  >  **Phonebook** > **Options** >

Create New > Phone Contact. Enter the new contact's name and **Email** information.

Notes about entries on your SIM card:


- Phonebook entries stored on the SIM card only have a **Name** and **Number**.
- Your phonebook can show you the entries stored in your phone's memory or on your SIM card. To choose which entries you see, press  >  **Phonebook**, then press **Options > View**. You can select **Phone & SIM Card**, **SIM Card**, or **Phone Contacts**.
- To choose whether your phone stores entries in your phone's memory or on your SIM card, go to the home screen and press  >  **Phonebook**, then press **Options > Setup > Default Storage > Phone** or **SIM Card**.

call a stored phone number

Find it:  >  **Phonebook**


- 1 Scroll to the phonebook entry.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry you want.



- 2 Press  to call the entry.

To use voice commands for calling, see page 50.

your phone number

From the home screen, press
the clear key  then  to see your number.

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

You can edit the name and phone number stored on your SIM card. From the home screen, press  , select an entry, press the **View** key, press the **Options** key, and select **Options > Edit**. If you don't know your phone number, contact your service provider.



main attractions

You can do much more with your phone than make and receive calls!

push to talk (PTT)*

Push to Talk (PTT) lets you talk walkie-talkie style with other PTT subscribers. You can talk to one person or a group.


PTT and the other related features indicated are network and subscription dependent features, and are not available in all areas. PTT connectivity requires PTT-compatible phones.



* Indicates network or subscription-dependent features

Note: When PTT service is activated, Smart Key will change to PTT Key. To lock your PTT key or turn PTT on or off, see page 28.

make a PTT call

When  shows at the top of your home screen, you can make and receive PTT calls. To make a PTT call:


- 1 Enter a PTT subscriber's phone number in your home screen, or select a contact or group from a list by pressing the Smart Key:
 - **PTT Contacts** (press the PTT key to open the list)

Note: If you change your **Open To** setting, your PTT key does not open the contacts list (see page 28).

- **PTT Quick Group** (press the PTT key and **Options > Quick Group**) This lets you select more than one contact for the call.

2 Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak.


To speak during a PTT call, hold your PTT key and speak after the tone. Only one person can speak at a time.

To end the call, press . If nobody speaks for 20 seconds, the call ends (actual timing varies between PTT servers).


To send a PTT alert instead of a standard PTT call, scroll to a PTT contact in **PTT Contacts** and press the **Options > PTT Invite** key. The contact's

phone rings or vibrates, and the contact can speak first. If the contact does not respond, the call ends. You cannot send alerts to groups.

answer a PTT call

Note: Your phone cannot receive PTT calls while it is recording videos, and may not receive PTT calls while it is playing videos or some sound files. The PTT indicator  appears at the top of your display when you can receive PTT calls.

When you receive a PTT call, you hear a tone or alert followed by conversation from the caller.

- **To speak** when the caller stops speaking, hold your PTT key and speak after the tone. Only one person can speak at a time.
- **To end the call**, press .

If you change your **My Answer Mode** setting to **Manual**, your phone does not automatically answer as described (see page 28).

When you receive a PTT alert, press the PTT key and speak after the tone. You can also press the **Ignore** key to cancel the call.

Your phone shows **Missed Call** if you miss a PTT alert. It does not show **Missed Call** when you miss a standard PTT call unless you set **My Answer Mode** to **Manual** (see page 28).

send a picture with push to view (PTV)

You can send a picture during a PTT call, or you can open a picture and start a PTT call to send it.

Note: You cannot send pictures in group calls or while someone is speaking. You can send

pictures only to phones with push to view (PTV) capability.

To send a picture during a PTT call, press **Options**, then select **Camera** to capture a new picture or **Pictures** to send a stored picture.

To send a stored picture, press **Options** > **Pictures**, scroll to the picture, and press the **Send** key.

To take a photo and send it, press **Options** > **Capture** the photo, and press the **Send** key.

Your phone plays a tone when the picture transfer completes. To speak after the picture transfers, hold the PTT key and speak after the tone.

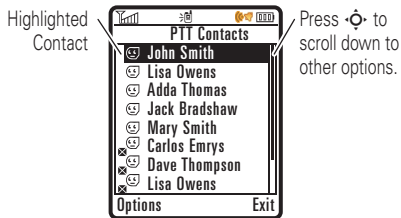
PTT contacts and groups

You can store PTT **Contacts** to make one-to-one calls, or you can store PTT **Groups** to make group calls.

To store a contact, press **PTT key**, then **Options > Create New > Add PTT Contact**. Enter the contact's **Name** and phone **Number**, then press the **Done** key. Your network stores the contact and your phone returns to the **PTT Contacts** list with the new contact shown.

To create a group of contacts that you can call at the same time, press **PTT key**, then **Options > Create New > Add PTT Group**. Enter the group's **Name** and select the **Members**, then press the **Done** key. Your network stores the group and your phone returns to the **PTT Contacts** list with the new group shown.

To see PTT contacts, press the PTT key. Scroll to a contact and press **Options** to **Edit** or **Manage** it.



To see PTT groups, press the PTT key and **Options > Quick Group**. Scroll to a group and press **Options** to **View Details**.

Icons in the PTT contact and group lists indicate if someone is online (☺, ☺☺) or offline (☹☺, ☹☹). They also tell you if a contact is blocked (☹☺).

To **block** a contact, scroll to the contact and press **Options > Edit > Block Mode > On**.

To set an **online alert** (🔔) to tell you when a contact comes online, scroll to the contact and press **Options > Manage > Enable Online Alert**. You can turn online alert tones on or off in your **PTT Setup** menu (see page 28).

To refresh the contact or group list from your network, press **Options > Refresh List**.

PTT settings

To **turn PTT on or off** from your home screen, press **📶 > ⚙️ Settings > PTT Settings > PTT Service > On/Off**.

To prevent accidental PTT calls, you can set your phone to **lock the PTT key** automatically when you haven't pressed it for a few minutes and your phone is closed. Press **📶 > ⚙️ Settings > Security > Lock PTT Key**, and select how long your phone should wait before it locks the key. To unlock the key, hold

it for two seconds or open the phone. The PTT key unlocks when you receive a PTT call.

You can change your PTT menu and call preferences.

Find it: Press **PTT key**. Press **Options**, select **Setup**

options	
Open to	From the home screen, the PTT key can open group menu (Groups), or your contacts list sorted by name (Contacts), or most recent call (Last Contact Called).
Sort by	Sort your contacts and groups by Name , online Status , or call Frequency .

options	
My Answer Mode	Set the mode for incoming PTT calls to Manual (press the PTT key to answer), or Automatic (standard mode that accepts all calls).
Tone Volume	Set the volume for the tone you hear when it is your turn to speak.
PTT Speaker	Turn the speakerphone On or Off for PTT calls.

options	
Set Online Alert Tone	You can set an online alert to tell you when a contact or group comes online (scroll to the entry in your PTT Contacts or PTT Groups and press Options > Enable Online Alert). This setting tells your phone whether to play these alert tones (On) or not (Off).

Bluetooth® wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree calls. You can also connect your phone with a phone or computer that

supports Bluetooth connections to exchange files.

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

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

use a headset or handsfree car kit


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


connect your phone with only one device at a time.

Find it:  >  **Settings** > **Connection** > **Bluetooth Link** > **Audio Devices** > [Look for devices]



Your phone lists the devices it finds within range.

- 1 Scroll to a device in the list and press the *center key* .
- 2 If necessary, enter the device passkey (such as **0000**) and press the **Ok** key.

When your phone is connected, the Bluetooth indicator  shows in the home screen.

Shortcut: When Bluetooth power is on, your phone can automatically connect to a handsfree device you have used before. Just turn on the device or move it near the phone.

Tip: Want to know more about your headset or car kit? For specific information about a device, refer to the instructions that came with it.

copy files to another device

You can copy a media file, phonebook entry, datebook event, or Web shortcut from your phone to a computer or other device.




Note: You can't copy some copyrighted objects.


- 1 On your phone, scroll to the object that you want to copy to the other device.
- 2 Press **Options**, then select:
 - **Manage > Copy** for media files.
 - **Send Contact** for phonebook entries.
 - **Send** for datebook events.

- 3 Select a recognized device name, or **[Look for devices]** to search for the device where you want to copy the file.

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

Note: Once you connect your phone to a Bluetooth device, that device can start similar Bluetooth connections with your phone. Your display shows the Bluetooth indicator  at the top when there is a Bluetooth connection.



receive files from another device

If you do not see the Bluetooth indicator  at the top of your phone display, turn on your phone's



Bluetooth feature by pressing  >  **Settings**
> **Connection** > **Bluetooth Link** > **Setup** > **Power** > **On**.

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



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





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

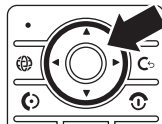
Your phone notifies you when file transfer is complete. If necessary, press the **Save** key to save the file.

audio player

Your phone can play song files:

Find it:  >  **Multimedia** > **Sounds** and select the file you want to play.

Press  up to play or pause. Press  down to stop. Press  right or  left to go to previous or next song.



To download songs to your phone, see page 88. To copy files between your phone and a computer, see page 40.

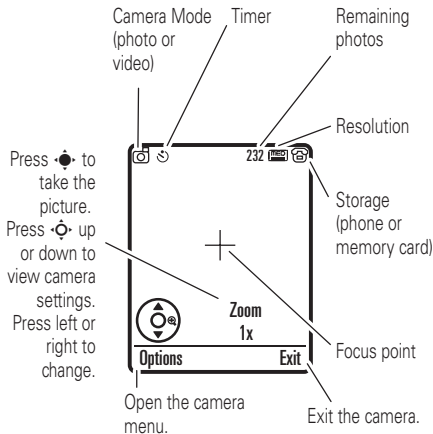
Note: Your phone may not play MP3 files that have a bit rate higher than 128 kbps. If you try to download or play one of these files, your phone might show you an error or ask you to delete the file.

Tip: You can listen to tunes on your way. Use *airplane mode* to make your phone safe to use even while you're on a plane. See page 90.



take & send a photo

Your camera lens is on the back of your phone when the phone is open.

- 1 Press  >  **Multimedia** > **Camera** to see the camera viewfinder.




Note: Adjusting the exposure affects the brightness of both the viewfinder display and the captured photo.

- 2 Press the *center key*  to take the photo in the viewfinder. You can:
 - Press the **Options** key to store or discard the photo.
 - Press the **Send in Message** key to send the photo in a message.
 - Press  to discard the photo and return to the active viewfinder.

Before you capture the photo, you can press **Options** to open the camera menu:

options	
Go to Pictures	See stored pictures and photos.
Go To Video Mode	Switch to the video camera.

options	
Auto-Timed capture	Set a timer for the camera to take a photo.
Camera Setup	Open the setup menu to adjust photo settings.
Switch storage device	Choose to store videos on your phone or a memory card. 
Free Space	See how much memory remains. Note: Your service provider may store some content in user memory before you receive the phone.


self portrait

If you close your phone while the viewfinder is active, the external display shows the image. Press the volume keys to zoom, or press the smart key to capture and store the image.

send a stored photo in a message

Find it:  >  **Messages** > **New Message** > **Message**, then press **Options** > **Insert** > **Picture**



- 1 Scroll to the picture you want and press **Insert**.
- 2 Enter the message text and press **Send To**.
- 3 Scroll to a recipient address and press the *center key* .

- 4 Press the **Send** key to send the message.



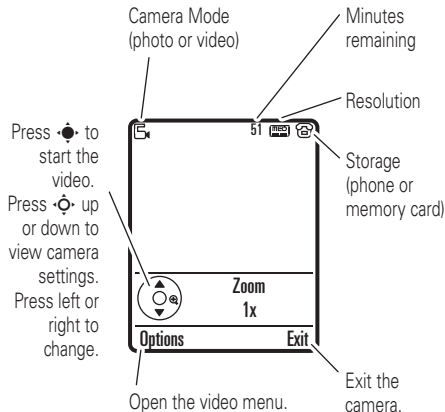
Your phone might tell you that this is a **Multimedia Message**, since it has a picture in it. Some other phones or networks do not support picture messages. Press the **Yes** key to send the message.

record & send a video

To view, edit, or delete videos you've recorded, see page 87.



Your camera lens is on the back of your phone, when your phone is open.

Press  >  **Multimedia** > **Video Camera** to see the video viewfinder.



Note: The number of minutes remaining is an estimate.

If you want to send your video in a message, the video length must be set to **MMS**. To set length, press **Options > Video Camera Setup > Video length**.

- 1 Press the *center key*  to start recording the video in the viewfinder.
- 2 Press the **Stop** key to stop recording the video. You can:
 - Press the **Options** key to store, or discard the video.
 - Press the **Send > Send in Message** key  to send the video in a message.

Enter text and press **Send To**, then scroll to a recipient address and press the *center key*  to select it. Press the **Options** key to enter a new number. To send the message, press the **Send** key.

Note: Some other phones or networks do not support messages with videos.

text messages

To create a group mailing list, see page 72. For more message features, see page 73.

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 you can put text and media objects on each page. You can send a message to other compatible phones, or to email addresses.




Find it:  >  **Messages > New Message > Message**

- 1 Press keypad keys to enter text on the page (for details about text entry, see page 45).

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


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

- 2 When you finish the message, press the **Send To** key.
- 3 Scroll to a recipient and press the *center key* . Repeat to add other recipients.

To enter a **new** number or email address, press the **Options** key and select **Enter Number** or **Enter Email**.

- 4 Before you send a message, you can press **Options** to choose **Save to Drafts**, **Cancel Message**, or open **Sending Options** (such as message **Subject** or **Cc** addresses).
- 5 To **send** the message, press the **Send** key. Your phone might tell you that this is a **Multimedia Message**, if it has multiple pages or media objects in it. Some other phones or networks do not support multimedia messages. Press the **Yes** key to send the message.

receive a text message

When you receive a message, your phone plays an alert, and the display shows **New Message** with a message indicator, such as .

Press the **Read** key to open the message.

If a multimedia message contains media objects:

- Photos, pictures, and animations show as you read the message.
- A sound file plays when its slide shows. Use the volume keys to adjust the sound volume.
- Attached files are added to the end of the message. To open an attachment, scroll to the file indicator/filename and press the **View** key (image), **Play** key (sound), or **Open** key (phonebook vCard, datebook vCalendar entry, or unknown file type).

memory card

You can use a removable memory card with your phone to store and retrieve



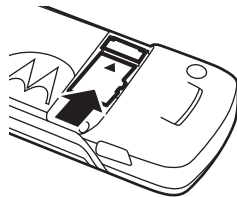
multimedia objects (such as photos and sounds).

Your phone supports memory cards.

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

install a memory card

- 1 Remove the battery door.
- 2 Make sure the memory card's metal contacts are facing down, and slide the top of the memory card under the metal band.



3 Replace the battery door.

Do not remove your memory card while your phone is using it or writing files on it.

see and change memory card information

To **see the files** stored on your memory card and on your phone, open a file list such as **Pictures** (see page 86). Icons can indicate if a file is stored in your phone memory (📁) or on your memory card (📁). To copy or move a file from your phone to your memory card, highlight it in the list and press and press **Options > Manage > Copy** or **Move > Memory Card**. You cannot copy or move some copyrighted files.

To **copy files** between your memory card and a computer, you can use a cable connection (see page 40) or a Bluetooth connection (see page 31).

To see your **memory card name, available memory**, and other information about the card:

Find it: ⬅️ > ⚙️ **Settings > Phone Status > Storage devices**

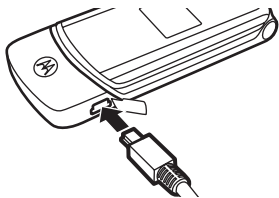
- 1 Press ⬅️ to scroll to the memory card that is installed.
- 2 Press the *center key* ⬅️ to see the memory card information. Your phone stores any content that you add, like ring tones or games, in *user memory*. Your service provider may store some content in user memory before you receive the phone.

or

Press **Options** to see the **Storage Device** menu, which lets you **Format** or **Rename** the memory card.

cable connections

 Your phone has a mini-USB port so you can connect it to a computer to transfer data.



Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need. To **transfer data** between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information. To make **data calls** through a connected computer, see page 80.



connect your memory card to a computer

You can use a cable connection to access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Press  >  **Settings** > **Connection** > **USB Settings** > **Default Connection** > **Memory Card**.

This directs the USB connection to your memory card. Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer. Then follow these steps:



On your computer:

- 1 Open your “My Computer” window, where your phone’s memory card shows as a “Removable Disk” icon.
- 2 Click on the “Removable Disk” icon to access the files on your phone’s memory card.
- 3 To store the desired files onto the memory card, drag and drop them as follows:
MP3 or AAC files: > mobile > audio
screen savers: > mobile > picture
wallpapers: > mobile > picture
video clips: > mobile > video
- 4 When you finish, remove the device by selecting the “Safely Remove Hardware” icon in the system tray at the bottom of your computer screen. Then select “USB Mass Storage Devices” and “Stop”.
- 5 Select “USB Mass Storage Device” then “OK”.

On your phone:

To return to **Data** as your USB default connection, press  >  **Settings** > **Connection** > **USB Settings** > **Default Connection** > **Data connection**.

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 and register for free update notifications at: <http://www.hellomoto.com/support/update>



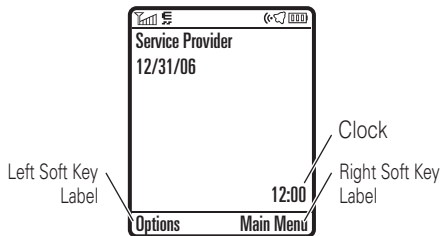
Note: Software updates do not affect your phonebook entries or other personal entries. If you receive a software update but choose to install it later, see page 83.

basics

See page 1 for a basic phone diagram.


display


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





Note: The picture is for reference only. Please refer to your handset for actuality.

Note: Your home screen might look different from the one shown, depending on your service provider. The display of the softkeys may be different if you subscribe to SCREEN3™. If you would like to subscribe to SCREEN3™ service, please contact your service provider.

To dial a number from the home screen, press number keys and .

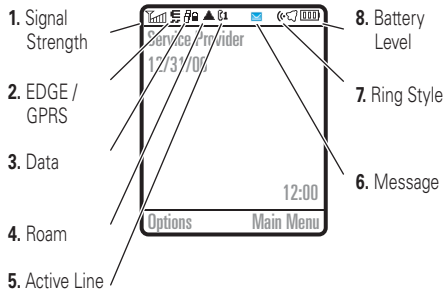
Press  up, down, left, or right in the home screen to open basic menu features.

Press the *center key*  to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

After activating SCREEN3™, you may not be able to use  to open the main menu. Please use the right soft key Main Menu to

open it. You may not be able to change the labels of the soft keys.

Status indicators can show at the top of the home screen:



Note: The picture is for reference only. Please refer to your handset for actuality.

1 Signal Strength Indicator – Vertical bars show the strength of the network

connection. You can't make or receive calls when or shows.


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


- = GPRS PDP context active
- = EDGE active
- = GPRS packet data available


3 Data Indicator – Shows connection status.

- = secure packet data transfer
- = unsecure packet data transfer


 = secure application connection




 = unsecure application connection

 = secure *Circuit Switch Data (CSD)* call

 = unsecure CSD call


 = Bluetooth™ connection is active

4 Roam Indicator – Shows  when your phone is seeking or using a network outside your home network.


5 PTT* / Active Line Indicator – Shows when you can make and receive PTT calls (). This also shows  to indicate an active phone call, or  to indicate when call forwarding is on.

Indicators for dual-line-enabled SIM cards can include:

 = line 1 active


 = line 1 active, call forward on


 = line 2 active


 = line 2 active, call forward on

* Indicates network or subscription-dependent features

6 Message Indicator – Shows when you receive a new message. Indicators can include:

 = text message

 = voice message

 = voice & text message

7 Ring Style Indicator – Shows the ring style setting.

🔊 = loud

🔊🔔 = vibrate & ring

🔊 = soft

🔊🔔 = vibrate then ring

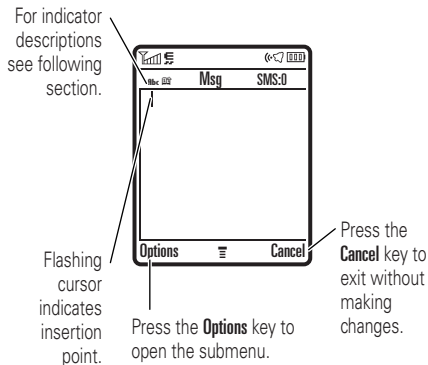
🔊🔔 = vibrate

🔇 = silent

- 8 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.



Note: The picture is for reference only. Please refer to your handset for actuality.

Press **[#]** in a text entry view to select an entry mode:

entry modes	
⌨ or 1	Your Primary text entry mode can be set to any iTAP™ ⌨ or tap 1 mode.
⌨ or 2	Your Secondary text entry mode can be set to any iTAP ⌨ or tap 2 mode, or set to None if you don't want a secondary entry mode.
123	Numeric mode enters numbers only.
@	Symbol mode enters symbols only.

To set your primary and secondary text entry modes, press **Options** > **Text Setup** in a text entry view and select **Primary Text** or **Secondary Text**.

iTAP™ and TAP mode tips

- Press **[0]** in a text entry view to change text case to all capital letters

(**ABC**), no capitals (**abc**), or next letter capital (**Abc**).

- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP or Tap mode.
- Press **[⏏]** to move the flashing cursor to enter or edit message text.
- Press **[←]** to delete the character to the left of the cursor. Hold **[←]** to delete the word.
- To cancel your message, press **[⏏]**.

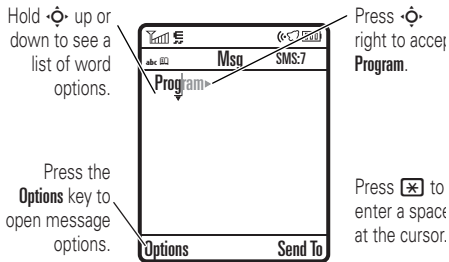
iTAP™ mode

Press **[#]** in a text entry view to switch to iTAP mode. If you don't see ⌨ or ⌨, press

Options > **Text Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

For example, if you press **7** **7** **6** **4**, your display shows:



If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.

Tip: Don't worry if you forget how iTAP works. In a text entry display, you can press **Options** > **Text Setup** > **Text Tutorial** to see an explanation.

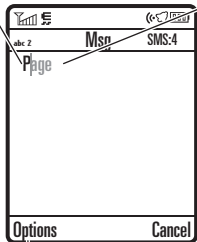
tap and tap extended modes

Press **#** in a text entry view to switch to tap mode. If you don't see **abc 1** or **abc 2**, press **Options** > **Text Setup** to set tap mode as your primary or secondary text entry mode.

To enter text in **TAP** mode, 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 shows:

Character displays at insertion point.



Press the **Options** key to open message options.

Your phone might suggest a word. Press **↵** right to accept it, or press **⌘** to enter a space at the cursor.

Note: The picture is for reference only. Please refer to your handset for actuality.

The first character of every sentence is capitalized. If necessary, press **↵** down to change the character to lowercase before the cursor moves to the next position.

numeric mode

Press **#** in a text entry view until you see 123. Press the number keys to enter the numbers you want.

Shortcut: You can press and hold a number key to temporarily switch to numeric mode from iTAP™ or Tap modes. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.

symbol mode

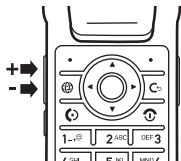
Press **#** in a text entry view until your phone shows a list of symbols. Scroll to the symbol you want, then press the *center key* **↵**.

volume

Press the volume keys to:

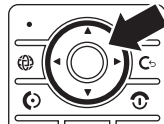
- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen

Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** by holding the down volume key while you are in the home screen. You can also switch back by holding **#** in the home screen.



navigation key

Press the *navigation key* (up, down, left, or right) to scroll to items in the display. When you scroll to an item, press the *center key* to select it.



smart key

The smart key gives you another way to do things. For example, when you scroll to a menu item, you can press the smart key to select it (instead of pressing the *center key*). The smart key usually does the same thing as pressing the *center key*. To find the smart key, see page 1. To change what the smart key does in the home screen, see page 78.

voice commands

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

- 1 Press and release the **voice key** on the right side of your phone.

Your phone says "Say a command."

- 2 Say a voice command from the list. (replace *23456789* with a phone number, and replace *Peter Chan* with a phonebook entry name):

voice commands
" Call <i>23456789</i> "
" Call <i>Peter Chan</i> "
" Send Email <i>Peter Chan</i> "
" Send Voice Note <i>23456789</i> "
" Send Voice Note <i>Peter Chan</i> "

voice commands

"**Send Message** *23456789*"

"**Send Message** *Peter Chan*"

"**Next Menu**"

To view other options on the next page.

"**Lookup** *Peter Chan*"

"**PTT Connect** *Peter Chan*"

"**Go To Voicemail**"

"**Go To Camera**"

"**Go To Redial**"

"**Go To Received Calls**"

"**Check Status**"

Your phone tells you its battery strength, network signal strength, and whether its coverage is normal or roaming.

"**Check Battery**"

"**Check Signal**"

voice commands
“Check Network”
“Check My Phone Number”
“Turn Prompts Off” Your phone turns off the sound on your voice command prompts (such as “Say a command.”). To turn prompts on again, say “Turn Prompts On.” Your phone confirms by saying “Voice prompts on.”

Tip:

- Speak numbers at a normal speed and volume, pronouncing each digit distinctly. Don't pause between digits.
- For voice command help, press the **voice key**, then press the **Help** key.

voice command setup

You can change voice command settings.

- 1 Press and release the **voice key** on the right side of the phone.
- 2 Press the **Settings** key.
- 3 Choose one of the settings below:

voice command settings	
Choice Lists	Turn choice lists on or off. Your phone uses choice lists to confirm voice commands by asking “Did you say...” followed by a choice list item.
Sensitivity	Make your phone more or less likely to reject a voice command.
Digit Dialling	Train your phone to recognize how you say digits.

voice command settings	
Sound	Adjust the sound settings for your voice commands.
About	See voice command software information.

external display

When your phone is closed, the external display shows the time, date, status indicators, and notifications for incoming calls and other events. For a list of phone status indicators, see page 43.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call, press the **Options > Spkrphone On** key to turn the handsfree speaker on. Your display shows **Spkrphone On** until you turn it off or end the call.


Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

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**
> **New Passwords**

You can also change your **SIM PIN** password.



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

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

lock & unlock phone

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

To **manually lock** your phone:

Press  >  **Settings** > **Security** > **Phone Lock** > **Lock Now**.

To **automatically lock** your phone whenever you turn it off: Press  >  **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On**.

Note: You can make emergency calls on a locked phone (see page 62). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

customize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:



The ring style profile's indicator shows at the top of your home screen. To choose your profile:

Find it:  >  **Settings** > **Ring Styles**
> **Style:** *style name*

Shortcut: In the **home screen**, press the volume keys up or down to quickly change


your ring style profile. With your **phone closed**, press a volume key to see your ring style profile, press the smart key to change it, then press a volume key to store the change.

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.



Find it:  >  **Settings** > **Ring Styles**
> *style* **Detail**

Note: *Style* represents the current ring style. You can't set an alert for the **Silent** ring style setting.



- 1 Scroll to **Calls** (or **Line 1** or **Line 2** for dual-line phones), then press the **Change** key to change it.
- 2 Scroll to the alert you want, then press the *center key* .
- 3 Press the **Back** key to save the alert setting.



time & date

Your phone can automatically update your time zone, time and date. It uses the time and date for the datebook.

To **synchronize** the time zone, time, and date with the network*: Press  >  **Settings** > **Initial Setup** > **Time and Date** > **Autoupdate** > **Time & Time Zone**. If you don't want your phone to automatically update your time zone and date, choose **Time Only** instead.



To **manually** set the time zone, time, and date, turn off **Autoupdate**, then: Press  >  **Settings** > **Initial Setup** > **Time and Date** > **Time Zone**, *time* or *date*. To jump to a city in the time zone list, enter the first letter of its name by pressing keypad keys.


To choose an **analogue or digital** clock for your home screen, press  >  **Settings** > **Personalise** > **Home screen** > **Clock**.

* Indicates network or subscription-dependent features

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

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


options	
Picture	Press  up or down to select a picture, or select (None) for no wallpaper.
Layout	Select Centre to center the image in the display, Tile to repeat the image across the display, or Fit-to-screen to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver. The screen saver shows when the flip is open and no activity is detected for a specified time.

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.



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

options	
Picture	Press  up or down to select a picture or animation, or select (None) for no screen saver.
Delay	Select the length of inactivity before the screen saver shows.



themes

A *phone theme* is a group of image and sound files that you can apply to your phone. Most themes include a wallpaper image, screen saver image, and ring tone. Your phone may come with some themes, and you can download more.



To **apply** a theme, press  >  **Multimedia**
> **Themes** > *theme*.

To **download** a theme, see page 88.

To **delete** a theme, press  >  **Multimedia** > **Themes**, scroll to the theme, and press **Options** > **Delete** or **Delete All**.

Note: You can delete only downloaded themes.

display appearance

To choose a phone **skin** that sets the look and feel of your phone's display: Press  >  **Settings** > **Personalise** > **Skin**.



To set your display **brightness**: Press  >  **Settings** > **Initial Setup** > **Brightness**.

To save battery life, your keypad **backlight** turns off when you're not using your phone. The backlight turns on when you open the flip or press any key. To set how long your phone waits before the backlight turns off:

Press  >  **Settings** > **Initial Setup** > **Backlight**.

Note: To turn the backlight on or off for Java™ applications, press  >  **Settings** > **Java Settings** > **App Backlight**.

To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open the flip or press any key. To set how long your phone waits before the display turns off:

Press  >  **Settings** > **Initial Setup** > **Display Timeout**.

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

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

options	
Multi-key	Answer by pressing any key.
Open To Answer	Answer by opening the flip.
Delayed Answer	Set up your delayed answering option (see page 59).

calls

To make and answer calls, see page 21.



turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

delay answering

If you want to answer a call, but need to step outside first, you can delay answering the call.


When your phone rings, press the **Delay** key or your voice key. Your phone stops ringing and plays a brief message for the caller, such as “Please hold, your call will be answered in a moment.” The call remains on hold until you press the **Talk** key.

To turn **Delayed Answer** on, or record your **Delayed Answer** message (up to 10 seconds), press  >  **Settings** > **In-Call Setup** > **Answer Options** > **Delayed Answer**

Note: When **Delayed Answer** is on, the **Open To Answer** feature is disabled.



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  from the home screen to see a list of dialed calls.

Find it:  >  **Recent Calls**, press  or  to select > **Received Calls** or **Dialled Calls**

Scroll to a call. A ✓ next to a call means the call connected.

- To call the number, press .
- To see call details (like time and date), press the *center key* .
- To see the **Last Calls Menu**, press **Options**. This menu can include:


options	
Store	Create a phonebook entry with the number in the No. field. Store does not appear if the number is already stored.
Delete	Delete the entry.
Delete All	Delete all entries in the list.


options	
Show ID	Show your caller ID for the next call.
Hide ID	Hide your caller ID for the next call.
Send Message	Open a new text message with the number.
Send Voice Msg	Start a voice recording that you can send to the number.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Talk then Fax*	Talk and then send a fax in the same call  (see page 81).
Filter by	Select dialed or received calls.



options	
Notepad	Open the number in a text editor.
Call Times	Show the duration of the calls.
Call Cost*	Show the charges of the calls.
Data Times*	Show the duration of the data transfer.
Data Volumes*	Show the Volumes of the data transfer.

* Indicates network or subscription-dependent features

redial


- 1 Press  from the home screen to see a list of recent calls.

- 2 Scroll to the entry you want to call, then press .

If you hear a **busy signal**, and you see **Call Failed**, you can press  or the **Retry**  key to redial the number. When the call goes through, your phone rings or vibrates one time, shows **Redial Successful**, and connects the call.

return a call

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

- 1 Press the **View** key to see the received calls list.
- 2 Scroll to the call you want to return, then press .

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.

Your phone shows the caller's name and picture when they're stored in your phonebook, or **Anonymous Call** when caller ID information isn't available.

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 70).


To show or hide **your phone number** from the next person you call, enter the phone number and press **Options > Hide ID/Show ID**.



emergency calls

Your service provider programs one or more emergency phone numbers, such as 999 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.


- 1 Press the keypad keys to dial the emergency number.
- 2 Press  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 shows the voicemail message indicator  and **New Voicemail**. Press the **Call** key to listen to the message.

To **check** voicemail messages:

Find it:  >  **Messages** > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you don't know your voicemail number, contact your service provider.

Note: You can't store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then you can use the entry to call your voicemail.

To **change** your voicemail number or turn off voicemail notification, press  >  **Messages**, then press the **Options** key and select **Setup** > **Voicemail Setup**.

other features

advanced calling

To use voice commands for calling, see page 50.

features

speed dial

To call phonebook entries with 1 through 9, hold the key for the entry (**1** through **9**).

To add a new phonebook entry, see page 21.

features

set speed dial list

You can set 1-touch dial to call the entries in your phone's phonebook or



Fixed Dial list: Press  >  **Settings**

> **Initial Setup** > **Speed Dial**

> **Phone Memory** or **Fixed Dial**.

phonebook

features

attach a phone number



Dial an area code or prefix for a phonebook number, then press **Options** > **Attach Number**.

features

notepad

The last number you entered is stored in the *notepad*. You can use the notepad to “jot down” a number during a call for later use. To see the notepad:

Press **⦿** > **Recent Calls**, press the **Options** key, then > **Notepad**.

- To call the number, press **☎**.
- To create a phonebook entry with the number in the **No.** field, press the **Store** > **Create New Contact** key.
- To open the **Dialling Menu** to attach a number or insert a special character, press **Options**.

features

international calls



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

hold a call

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

mute a call

Press the **Mute** key (if available) or **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 **[Call Waiting Icon]** to answer the new call.

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

To turn the call waiting feature on or off, press **[Call Waiting Icon] > [Settings Icon] Settings > In-Call Setup > Call Waiting > On or Off**.

features	
<p>conference call* </p> <p>During a call:</p> <p>Dial next number, press , press the Options > Link key.</p>	
<p>transfer a call* </p> <p>During a call:</p> <p>Options > Transfer, dial transfer number, press </p>	
<p>call diverting*</p> <p>Set up or cancel call forwarding:</p> <p> >  Settings > Call Divert</p>	
<p>restrict calls* </p> <p>Restrict outgoing or incoming calls:</p> <p> >  Settings > Security > Restrict Calls</p>	

features	
<p>call barring* </p> <p>Restrict outgoing or incoming calls:</p> <p> >  Settings > Security > Call Barring</p>	
<p>change phone line* </p> <p>If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.</p> <p> >  Settings > Phone Status > Active Line</p>	



features

fixed dial*



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

Turn fixed dialing on or off:

 >  **Settings** > **Security** > **Fixed Dial**

Use the fixed dial list:

 >  **Tools** > **Dialling services** > **Fixed Dial**

quick dia*I





Dial preprogrammed phone numbers:

 >  **Tools** > **Dialling services** > **Quick Dial**

features

DTMF tones

Activate DTMF tones:

 >  **Settings** > **Initial Setup** > **DTMF**

To send DTMF tones during a call, just press number keys or scroll to a number in the phonebook or recent calls lists and press **Options** > **Send Tones**.



Note: Your phonebook can show you the entries stored in your phone's memory or on your SIM card. To choose which entries you see, press  >  **Phonebook**, then press **Options** > **View**. You can select **Phone & SIM Card**, **SIM Card**, or **Phone Contacts**.

features

speed dial a phonebook entry

You can assign the keys **1** through **9** to phonebook entries. Then, when you press and hold a key, your phone calls the entry.

Note: Your service provider might have assigned some keys, such as **1** for your voicemail number. You can only speed dial phonebook entries that are stored on your phone (not on your SIM card).



To **assign a speed dial key**, press  >  **Phonebook** and scroll to the phonebook entry. Then, press **Options** > **Add to Speed Dial** and pick a speed dial key.



To **use a speed dial key**, just press and hold the key in your home screen.

features

edit or delete a phonebook entry

Edit a number stored in the phonebook:

 >  **Phonebook**, scroll to the phonebook entry, and press **Options**. You can select **Edit Contact**, **Delete Contact**, or other options.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry you want. You can also press  and  to see the entries you use frequently, or entries in other categories.

features

set ringer ID for a phonebook entry

Assign a ring alert (ringer ID) to an entry:

☎ > 📖 Phonebook > *entry*, then press
Options > Edit Contact > Ringer ID > *ringer name*

Note: The **Ringer ID** option isn't available for entries stored on the SIM card.

Activate ringer IDs:

☎ > ⚙ Settings > Ring Styles > *style Detail*
> Ringer IDs

set picture ID for a phonebook entry

Assign a photo or picture to show when you receive a call from an entry:

☎ > 📖 Phonebook > *entry*, then press
Options > Edit Contact > Picture > *picture name*

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

features

set picture ID view for phonebook

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

☎ > 📖 Phonebook, then press Options > Setup
> View by > *view name*

set category for a phonebook entry

☎ > 📖 Phonebook > *entry*, then press
Options > Edit Contact > Category > *category name*

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

When you open your phonebook, press
✖ or # to see your categories.

features

set category view for phonebook

•☎ > ☑ Phonebook, then press **Options**
> **Filter by** > **Category** > *category name*

You can show **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you create.

Shortcut: When you open your phonebook, press ☒ or ☓ to see your categories.

create a new category

•☎ > ☑ Phonebook, then press
Options > **Manage Contacts** > **Edit Phone Categories**
> **[New Category]**

Enter the category name, and select its members from your phonebook entries.

features

edit a category

•☎ > ☑ Phonebook, then press
Options > **Manage Contacts** > **Edit Phone Categories**

Scroll to the category name and press
Options > **Edit Category**.

You can edit the category name, members, ringer ID, or picture. Your phone uses the ringer ID and picture whenever you receive calls from numbers in the category.

features

create group mailing list

You can put several phonebook entries in a group mailing list, then send a message to the list. To create a list:

 >  **Phonebook**, then press **Options > Create New > Message List**

You can select the list name as an address for multimedia messages.

Note: A **Message List** cannot include entries stored on the SIM card.

sort phonebook list

Set the order in which entries are listed:



 >  **Phonebook**, then press **Options > Setup > Sort by > sort order**

You can sort the phonebook list by **First Name** or **Last Name**.

features



copy one phonebook entry

Copy an entry from the phone to the SIM card, or from the SIM card to the phone:

 >  **Phonebook**, scroll to the entry, press **Options > Copy to SIM Card** or **Copy to Phone**

send phonebook entry in a text message

Send a phonebook entry in a text or email message:

 >  **Phonebook**, scroll to the entry, press **Options > Send Contact**

send phonebook entry in a multimedia message



Send a phonebook entry in a multimedia message:

 >  **Phonebook**, scroll to the entry, press **Options > Send Contact > Multimedia Msg**

features

send phonebook entry to another device

Send a phonebook entry to another phone, computer, or device:

 >  **Phonebook**, scroll to the entry, press **Options** > **Send Contact**

print phonebook entry over Bluetooth™ connection

You can use a Bluetooth wireless connection to send a phonebook entry from your phone to a printer.

 >  **Phonebook**

Scroll to the entry you want to print, and press **Options** > **Print**.

You cannot print a **Mailing List**. For more about Bluetooth connections, see page 29.

messages

features

send text message

 >  **Messages** > **New Message**

send email

 >  **Messages** > **New Message**
> **New Email**

send voice message

 >  **Messages** > **New Message**
> **New Voice Msg**

Press the **Stop** key after recording. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.

features






use a multimedia template

Open a multimedia message with preloaded animations:


 >  **Messages** > **Templates**

read and manage messages

 >  **Messages** > **Message Inbox**

Icons next to each message indicate if it is read  or unread . Icons can also indicate if the message is locked , urgent , or if it has an attachment .

To **Reply**, **Forward**, **Lock**, or **Delete** a message, scroll to it and press **Options**.


To open a message, press . Then, you can press **Options** to use or store any phone numbers, email addresses, Web sites, or files in the message.

features

read and manage email

 >  **Messages** > **Email Msgs**

To **Reply**, **Forward**, **Lock**, or **Delete** a message, scroll to it and press **Options**.

To open a message, press . Then, you can press **Options** to use or store any phone numbers, email addresses, Web sites, or files in the message.

store message objects

Go to a multimedia message page, or scroll to an object in a message, then:

Options > **Store**

features

print message over Bluetooth™ connection

You can use a Bluetooth wireless connection to send a message from your phone to a printer.

••• >  **Messages** > **Message Inbox, Email Msgs, Outbox, or Drafts**

Scroll to the message you want to print and press **Options** > **Print**.

You cannot print message **Templates**. For more about Bluetooth connections, see page 29.

features

store text messages on your SIM card

To store incoming text messages on your SIM card, press:

••• >  **Messages**, then press
Options > **Setup** > **Message Setup** > **Text Msg Setup**
> **Default Storage** > **SIM Card**

features

edit email settings

You can edit the settings for your Email connections. To use email, you need to store your email **User ID** and **Password**.

 >  **Messages**, then press **Options** > **Setup** > **Email Msg Setup** > **Account Settings**

If you have more than one email account, select an account to edit.

Your phone shows a list of email settings. Here is where you store your email **User ID** and **Password**.

Note: To create a new account, select **New Entry** in the **Account Settings** list. Your display shows a folder for each email account under

 >  **Messages** > **Email Msgs**.

features

browser messages*

Read messages received by your micro-browser:

 >  **Messages** > **Browser Msgs**

info services*

Read subscription-based information services messages:

 >  **Messages** > **Info Services**

* Indicates network or subscription-dependent features

personalising

features
language Set menu language: •📍 > ⚙️ Settings > Initial Setup > Language
scroll Set the scroll bar to Up/Down or Wrap Around in menu lists: •📍 > ⚙️ Settings > Initial Setup > Scroll
activate ringer IDs Activate ringer IDs assigned to phonebook entries and categories: •📍 > ⚙️ Settings > Ring Styles > <i>style</i> Detail > Ringer IDs

features
ring volume •📍 > ⚙️ Settings > Ring Styles > <i>style</i> Detail > Ring Volume
keypad volume •📍 > ⚙️ Settings > Ring Styles > <i>style</i> Detail > Key Volume
reminders Set reminder alerts for messages that you receive: •📍 > ⚙️ Settings > Ring Styles > <i>style</i> Detail > Reminders
menu view Show the main menu as graphic icons or as a text-based list: •📍 > ⚙️ Settings > Personalise > Main Menu > View

features

main menu

Reorder your phone's main menu:

📶 > ⚙️ **Settings** > **Personalise** > **Main Menu**
> **Reorder**

show/hide menu icons



Show or hide menu feature icons in the home screen:

📶 > ⚙️ **Settings** > **Personalise** > **Home screen**
> **Home Keys** > **Icons**

change home keys



Change features for the soft keys, navigation key, and smart key in the home screen:

📶 > ⚙️ **Settings** > **Personalise** > **Home screen**
> **Home Keys**

features

master reset

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

📶 > ⚙️ **Settings** > **Initial Setup** > **Master Reset**


master clear

Caution: Master clear **erases all information you have entered** (including phonebook and datebook 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.

📶 > ⚙️ **Settings** > **Initial Setup** > **Master Clear**

call times & costs*

Network connection time is the elapsed time from the moment you connect to your



service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

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

features

call times

Show call timers:

 >  **Recent Calls**, press the **Options** key, then > **Call Times**

in-call timer



Show time or cost information during a call:

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

features

call cost








Show call cost trackers:




 >  **Recent Calls**, press the **Options** key, then > **Call Cost**

* Indicates network or subscription-dependent features

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	
<p>speakerphone</p> <p>Activate the speakerphone during a call:</p> <p>Press the Speaker key (if available, or Options > Spkrphone On).</p>	
<p>auto answer (car kit or headset)</p> <p>Automatically answer calls when connected to a car kit or headset:</p> <p> >  Settings > Car Settings or Headset > Auto Answer</p>	
<p>voice dial (headset)</p> <p>Enable voice dial with headset send/end key:</p> <p> >  Settings > Headset > Voice Dial</p>	

features	
<p>auto handsfree (car kit)</p> <p>Automatically route calls to a car kit when connected:</p> <p> >  Settings > Car Settings > Auto Handsfree</p>	

data & fax calls*

To connect your phone with a USB cable, see page 40.

features	
<p>send data or fax</p> <p>Connect your phone to the device, then place the call through the device application.</p>	

features


receive data or fax



Connect your phone to the device, then answer the call through the device application.

talk then fax





Connect your phone to the device, enter fax number, press **Options > Talk then Fax**, then press  to make the call.

features

using sync



You can call a SyncML Internet server and synchronize your phonebook and datebook entries with the server.

To **set up** an Internet sync partner, press  >  **Settings** > **Connection** > **Synchronisation** > **Sync** > **[New Entry]**. Enter the server details, including server **URL** (you can omit **http://**) and **Data paths** (the folder below the URL where your data is stored).



To **synchronize files** with a partner you set up, select the partner from the list in  >  **Settings** > **Connection** > **Synchronisation** > **Sync**.

features

setting up Exchange ActiveSync

You can use the Internet to synchronize your phone's phonebook and datebook entries with an email account on a Microsoft® Exchange 2003 Server.



You need to know the email account's **user name** and **password**, the Microsoft® Exchange **server name**, and the **user domain name**. Confirm that the **Mobility** option is enabled on the email account, and that **data service** is activated with your phone service provider.

To **set up** an ActiveSync partner, press  >  **Settings** > **Connection** > **Synchronisation** > **Exchange**, press the **Options** key, then > **Setup**. Enter the server details, including **Server Name**, **Domain**, and the **Web Session** to use. To set up a **Web Session**, see page 89.

features







using Exchange ActiveSync

Once you set up an Exchange ActiveSync partner, you can schedule your phone to synchronize with the account automatically.







To **schedule** synchronization, press  >  **Settings** > **Connection** > **Synchronisation** > **Exchange**, press the **Options** key, then > **Auto Sync Setup**. Enter the time and days you want your phone to synchronize.

* Indicates network or subscription-dependent features

network

features	
network settings	
See network information and adjust network settings:	
 >  Settings > Network	
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 choose to install it later. To install the software update later:	
 >  Settings > Phone Status > Software Update > Check Server	

personal organizer

features	
set alarm	
 >  Tools > Alarm Clock	
turn off alarm	
When an alarm happens: To turn off the alarm, press the Disable key or  . To set an eight-minute delay, press the Snooze key.	
Note: The Snooze key is available only if the phone is already powered on when the alarm sounds.	
add new datebook event	
 >  Tools > Datebook , scroll to the day, press  , press Options > Create New Event	

features

see datebook event

See or edit event details:

 >  **Tools** > **Datebook**, scroll to the day, press , press the **Options** > **View** key

event reminder




When an event reminder happens:

To see reminder details, press the **View** key.

To close the reminder, press the **Exit** key.

send datebook event to another device

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

 >  **Tools** > **Datebook**, scroll to the day, press , scroll to the event, press **Options** > **Send**

features

print datebook month, week, or day over Bluetooth™ connection

You can use a Bluetooth wireless connection to send a datebook month, week, or day from your phone to a printer.

 >  **Tools** > **Datebook**

Go to the month, week, or day view and press **Options** > **Print**.

For more about Bluetooth connections, see page 29.

features

create voice record

Create a voice record:

Press and hold the voice key, speak into the phone, release the voice key.

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

play voice record

Play back a voice record:



 >  Tools > Voice Records > Options > Go To Voice Notes

calculator

 >  Tools > Calculator

features

currency converter

 >  Tools > Calculator, then press Options > Exchange Rate

Enter exchange rate, press the **Ok** key, enter amount, and 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 Blocked**.

Lock or unlock the SIM card:

 >  Settings > Security > SIM PIN

features

lock feature

 >  **Settings** > **Security** > **Lock Application**

manage certificates



Enable or disable Internet access certificates stored on your phone:

 >  **Settings** > **Security** > **Certificate Mgmt**

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

fun & games

For basic information on the camera, see page 33.

features

view, delete, or manage pictures

Manage photos, pictures, and animations:

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


To **copy or move** a file from your memory card () to your phone memory () , highlight it in the list and press and press **Options** > **Manage** > **Copy** or **Move** > **Memory Card**. You cannot copy or move some copyrighted files.



features

view, delete, or manage video clips

•• >  **Multimedia** > **Videos**



To **copy or move** a file from your memory card () to your phone memory () , highlight it in the list and press and press **Options** > **Manage** > **Copy** or **Move** > **Memory Card**. You cannot copy or move some copyrighted files. 

features

hear, delete, or manage sounds

Manage ring tones and music that you have downloaded or composed:

•• >  **Multimedia** > **Sounds**



Note: Your phone cannot receive PTT calls or data over an EDGE network while it is playing some sound files. Indicators appear at the top of your display when you can receive PTT  or EDGE  data.

To **copy or move** a file from your memory card () to your phone memory () , highlight it in the list and press and press **Options** > **Manage** > **Copy** or **Move** > **Memory Card**. You cannot copy or move some copyrighted files. 

features

create ring tones

Create ring tones that you can use with your phone:

 >  **Multimedia** > **Sounds** > **[New Melody]**

start micro-browser

Just press .




features



download objects from Web page



Download a picture, sound, or other object from a Web page:

Press , go to the page that links to the file, scroll to the link, and select it.

Note: Normal airtime and/or carrier usage charges apply.

To activate downloaded copyrighted files, press  >  **Tools** > **Activation List** > *file type* > *file*. You can see file's **Status**, **Type**, **Activation**, and **Counts Remaining**.

features

store downloaded files in your phone or memory card

You can choose to store your downloaded files on your phone or your memory card you download choose where to store the files you download:

 >  **Settings** > **Phone Status**
> **Download Location** > **Memory Card** or **Phone**

To see how much memory is available on your phone or memory card, see page 39.

Web sessions



A *Web Session* stores settings that your phone uses to access the Internet. To select or create a Web session:

 >  **WebAccess** > **Web Sessions**

features

clear micro-browser history




Clear the micro-browser's history, cache, or cookies:

 >  **WebAccess** > **Browser Setup**
> **Clear History, Reset Cache,** or **Clear Cookie**

download game or application



You can download a Java™ game or application the same way you download pictures or other objects:

Press , go to the page that links to the file, scroll to the link, and select it.

Note: Normal airtime and/or carrier usage charges apply.

features

start game or application



Start a Java™ game or application:

•◂◃• > **Games & Apps**, scroll to the game or application, press the *center key* •◂◃•

Note: To install and run games stored on your memory card, press

•◂◃• > **Games & Apps** > **[Install New]**.

features

airplane mode

You can switch your phone to airplane mode to prevent it from communicating with the network. This lets you use games or other applications while you are on an airplane, without interfering with airplane communications.

•◂◃• > **Settings** > **Airplane Mode** > **Airplane Mode** > **On**

You can make the airplane mode option appear whenever you turn on your phone:

•◂◃• > **Settings** > **Airplane Mode** > **Prompt At Power Up** > **On**

MyMobileSoft.com

Introduction

MyMobileSoft.com¹ provides download of both free and paid software for your Motorola handset. Depends on each model, you may download games, ring tones, screen savers, wall papers, e-books, financial and others software from MyMobileSoft.com.

1. All software and applications contained on MyMobileSoft.com are third party products and provided as is. Motorola or its subsidiaries make no representations or warranties, expressly or impliedly. By way of example but not of limitation, Motorola or its subsidiaries make no representations or warranties of merchantability or fitness for a particular purpose, or that the use of

the software and applications will not infringe any intellectual property rights. Motorola or its subsidiaries shall not be liable for any damages of any kind arising out of or relating to the use or inability to use the software and applications and services thereof. Amendment and availability of these software and applications are subject to change without any prior notice.

For more information, please visit the internet website:

www.mymobilesoft.com

Access to MyMobileSoft.com²

Press  > **WebAccess** > **Web Shortcuts**

OR

User can also enter the following URLs* to access website

Press  > **WebAccess** > **Go To URL**

- MotoMusic
(<http://www.MotoMusic.com.hk>)
- MyMobileSoft Download Fun
(<http://hk.mymobilesoft.com>)
- MyMobileSoft Mobile Portal
(<http://mobile.mymobilesoft.com>)

This link guides you to the service of MyMobileSoft.com, which provides software and applications for your newly bought Motorola Mobile Phone.

*The URLs are subject to change without prior notice. Please refer to website www.mymobilesoft.com

2. You need to subscribe WAP service from your local operators, please make sure that

you set up your handset correctly with appropriate parameters provided by your local operators.

www.mymobilesoft.com
Unlimited surprises waiting for
you to download

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.59 W/kg.¹ As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.² In this case, the highest tested SAR value is 0.84 W/kg.¹

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental

requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

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

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

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

Information from the World Health Organization

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

Source: WHO Fact Sheet 193

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

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