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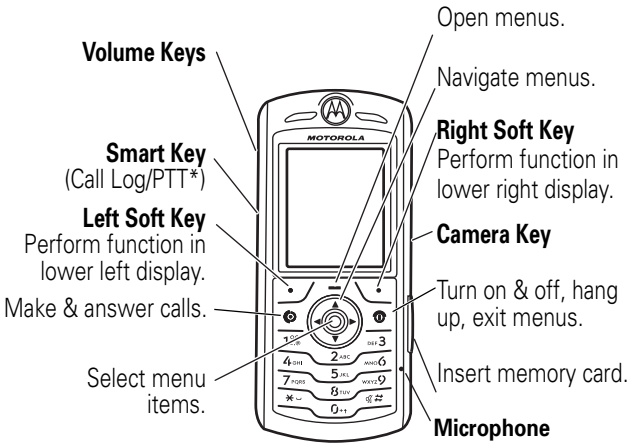
welcome

Welcome to the world of Vodafone live! We are pleased that you have chosen the Motorola SLVR GSM mobile phone.



* If your network supports PTT. (see PTT section)

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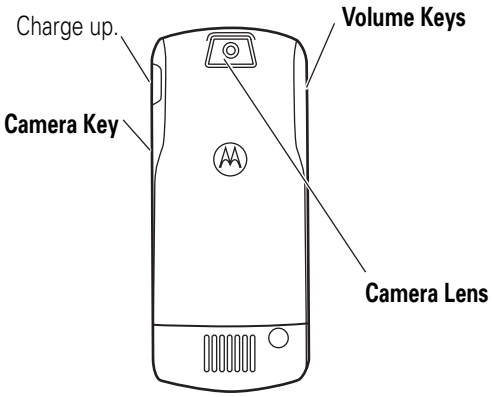
check it out



Feature	Description
Record Video Clip	Record a video clip: Either press ☰ > **Record Video** or press ☰ > **My Files** > **Videos** > **[New Video]** point lens at subject, press **Capture** to begin recording, press **Stop** to stop recording.
Play Video Clip	Play a video clip: ☰ > **My Files** > **Videos** > *Video Clip Name*

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Feature	Description
Take Photo	Either press the camera hard key on the side of the phone or press ☰ > **Camera**, point lens at subject, press **Capture** to take a photo.
Send Photo	Send a photo to a phone number or email address: Take photo, then press **Options** > **Send in Message**.
Set Photo as Picture ID	Assign a photo to a contact entry to allow picture caller ID: Take photo, then press **Options** > **Apply as Contacts Entry**.
Send Multimedia Message	Send a multimedia message with pictures, animations, sounds and videos: ☰ > **Messaging** > **Create Message** > **New Multimedia Message**
Read Multimedia Message	Read a new multimedia message or letter that you have received: Press **Read**.

Feature	Description
Store Message Objects	Go to a multimedia message page or highlight an object in a letter, then: ☰ > **Store**
Wireless Connection	Set up a Bluetooth® wireless connection to a headset accessory, car kit or external device: ☰ > **Connectivity** > **Bluetooth** > **Setup** > **Power** > **On**, press **Back**, press > **Handsfree** > **[Look for Devices]**

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feature locator

main menu

- **Games**
- **Vodafone live!**
  - Vodafone live!
  - Web Shortcuts
    - Chat
  - Go to URL
  - Browser Settings
  - History
  - Internet Profiles
  - Stored Pages
- **Record Video**
- **Messaging**
  - Create Message
  - Call Voicemail
  - Inbox
  - Email Inbox
  - Outbox
  - Drafts
  - Browser Messages
  - Info Services *
  - Quick Notes
  - MMS Templates
  - Vodafone Messenger
  - Vodafone Mail
  - Media Album (live! Studio)
- **Camera**
- **My Files**
  - Pictures
  - Sounds
  - Videos
- **Organiser & Tools**
  - <SIM Toolkit> *
  - Alarms
  - Calculator
  - Calendar
  - Dialling services
  - Shortcuts
  - Activation List
  - Voice Dial
- **Contacts**
- **Call Log**
  - Received Calls
  - Dialled Calls
  - Notepad
  - Call Times *
  - Data Times *
- **Shortcuts**
- **Connectivity**
  - Bluetooth
  - Sync
  - USB Settings
- **Settings**
  - (see next page)

* optional features

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

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settings menu

Personalise
- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver

Ring Styles
- Style
- *<Style>* Detail

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

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

Initial Setup
- Time and Date
- 1-Touch Dial
- Auto Redial
- Display Timeout
- Backlight
- Scroll
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Battery Meter
- Storage Devices
- Software Update
- Other information

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

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

Security
- Phone Lock
- Lock Application
- Call Barring *
- SIM PIN
- New Passwords
- Certificate Mgmt

Java Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App

PTT Settings *
- PTT Service

* optional features

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www.motorola.com

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

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

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 in the consumer section of our Motorola web site, at http://www.motorola.com.

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Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.[1]

Exposure To Radio Frequency (RF) Energy

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

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

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following instructions.

External Antenna Care

If your phone has an external antenna, use only the supplied or Motorola-approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the phone and/or may result in non-compliance with local regulatory requirements in your country.

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

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline phone.

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Body-Worn Operation: Voice Communication

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting voice communications, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines.

If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 2.5 centimetres (1 inch) from your body when transmitting.

Data Operation

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

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at `www.motorola.com`.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Note: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

Turn off your wireless device whenever instructed to do so by airline staff. If your device offers a flight mode or similar feature, consult airline staff about use in flight. If your device offers a feature that automatically turns on the phone, then turn off this feature before boarding an aeroplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 centimetres (6 inches) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimetres (6 inches) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimise the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

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Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

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

When using your phone while driving, please:

- Give full attention to driving and to the road. Using a phone may be distracting in certain circumstances. 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 best practices can be found in the "Wireless Phone Safety Tips" at the end of this guide and/or at the Motorola website: `www.motorola.com/callsmart`.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Gas or Petrol Stations

Obey all posted signs with respect to the use of radio equipment in gas or petrol stations. Turn off your wireless device if instructed by authorised staff.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

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

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Damaged Products

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

Batteries and Chargers

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewellery, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become hot. Take care 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 phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Choking Hazards

Your phone or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your phone and its accessories away from small children.

Glass parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service centre.

Seizures/Blackouts

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

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

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. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

1. The information provided in this document supersedes the general safety information in user's guides published prior to January 28, 2005.

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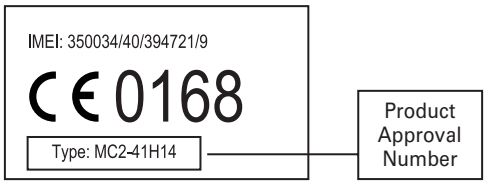
European Union Directives Conformance Statement

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

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



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

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

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Caring for the Environment by Recycling

When you see this symbol on a Motorola product, do not dispose the product with household waste.

Recycling Mobile Phones and Accessories

Do not dispose of mobile phones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details. If collection systems aren't available, return unwanted mobile phones or electrical accessories to any Motorola Approved Service Centre in your region.

getting started

about this guide

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

Find it: Press the main menu key ☰ > **Call Log** > **Dialled Calls**

This example shows that, from the home screen, you press ☰ to open the menu, highlight and select **Call Log**, then highlight and select **Dialled Calls**.

Press ·◎· to scroll to and highlight a menu feature. Press the **Select** key to select the highlighted menu feature.

symbols	
	This means a feature is network/subscription dependent and may not be available in all areas. Contact Vodafone for more information.
	This means a feature requires an optional accessory.

SIM card

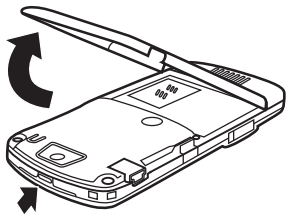
Your Vodafone SIM (Subscriber Identity Module) card contains personal information like your phone number and contacts entries.

To insert and use a memory card, see page 47.

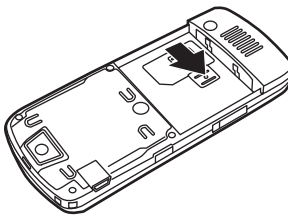
Caution: Do not bend or scratch your SIM card. Keep it away from static electricity, water and dirt.

SIM card installation

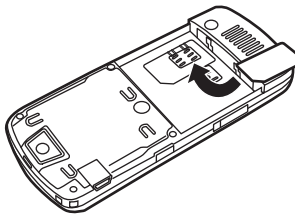
1



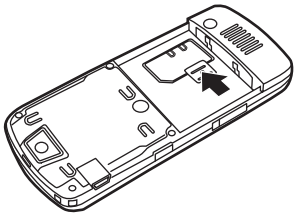
2



3



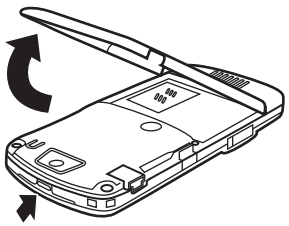
4



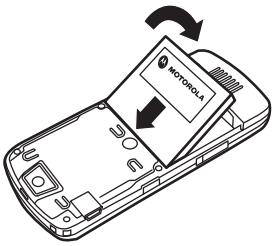
battery

battery installation

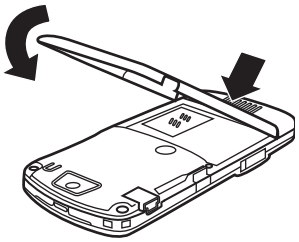
1



2



3



battery charging

New batteries are not fully charged. Plug the travel charger into your phone and an electrical outlet. Your phone displays **Charge Complete** when finished.

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

If your battery is completely drained, a PC USB charger will not charge it. Use the travel charger.

battery tips

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

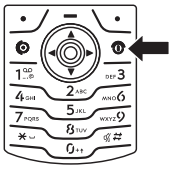
- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- 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 centre 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 the phone on & off



To turn on your phone, press and hold ⏻ for 2 seconds or until the display turns on. If prompted, enter your 6-digit SIM card PIN code and/or 4-digit unlock code.

Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. Contact Vodafone.

To turn off your phone, press and hold ⏻ for 2 seconds.

make a call

Enter a phone number and press ✆ to make a call.

To "hang up," press ⏻.

To maintain high audio quality during calls, please note the location of the phone's microphone (see page 1) and keep this area free of obstruction during use.

answer a call

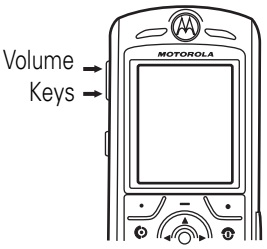
When your phone rings and/or vibrates, just press ⏻ to answer.

To "hang up," press ⏻.

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 is why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key in the home screen.

navigation key

Press the *navigation key* ·◌· up, down, left or right to scroll and highlight items in the display. When you highlight something, press the *centre key* ·◆· to select it. The centre key usually does the same thing as the left soft key.

your phone number

From the home screen, press ☰ # to see your number.

Tip: Want to see your phone number while you are on a call? Press the main menu key ☰ > **My Tel. Numbers**.

To store or edit your name and phone number on your SIM card, press the **Edit** key while displaying it. If you do not know your phone number, contact Vodafone.

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main attractions

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

Vodafone live!

browser

Your phone has been customised to give access to Vodafone live! mobile internet portal. Visit www.vodafone.com for additional information about the services Vodafone live! offers.

To connect to the Vodafone live! service, press the Vodafone live! browser key on your handset. If you have any problems connecting to Vodafone live!, please contact Vodafone.

Find it: In main menu press > **Vodafone live!**

The following options are available:

option	
Vodafone live!	Launches the browser.
Web Shortcuts	Takes you to the shortcuts menu.
Go to URL	Go to a requested page.
Browser Settings	Browser setup parameters.
History	View a list of recently viewed pages.

option	
Stored Pages	Takes you to a list of stored pages.
Internet Profiles	Select or create a Internet Profile.

You can also download pictures, videos, ringtones and games from Vodafone live! and install them on your phone. If you have a memory card, games are stored on the memory card and all other downloads are stored on the phone memory. Please transfer the content to the Memory Card, if the Phone Memory is full.

The browser lets you access Web pages and Web-based applications on your phone. Contact Vodafone to set up access, if necessary.

Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a (GPRS) indicator in the home screen that disappears when you start a browser session. If you see an (in-call) indicator during a browser session, your phone is using a standard voice connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

Note: Some features on your phone might open a browser session automatically.

starting a browser session

You can start a browser session from a number of different options:

Press	To
1	start the browser

option	
Home	Takes you to the Vodafone live! home page
Reload	Refreshes the current web page
Go to URL	Go to a requested page
Web Shortcuts	Takes you to the Web Shortcuts menu
Store	Allows you to store a page or an image
Messaging	Takes you to the Message Centre
History	View a list of recently viewed pages
View URL	View a list of URLs
Security	Contains Security Certificate and Cookie control
Reset Cache	Clears the temporary Browser memory
Exit	Finishes the Browser session and displays the idle menu

Press	To
2 ·◎· up or down	scroll to a bookmark, service or application
3 **Select**	select the item

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press MENU > **Go to URL** to launch the browser and go directly to the URL.

If you are unable to establish a network connection with the browser, contact your service provider.

interacting with web pages

Press	To
·Ö· up or down	scroll through text or highlight a selectable item
Select	select the highlighted item. To enter information use the keypad followed by the **Ok** key.
	Tip: Press **Delete** to delete one letter at a time if you make a mistake.
Back	go back to the previous page
MENU	open the **Browser Menu**

downloading objects from a web page

You can download a picture, sound, videos, games or other objects from a web page by selecting its link. You can store these media objects on your phone and use them as wallpaper images, screen saver images and event alerts.

- The files that you download or receive as attachments might have a lock that keeps you from saving them on external memory, forwarding them or editing them.
- To end a download in progress, press END.

selecting or creating a web session

Use this feature to select or create a Web session or network connection profile. You can use different Internet Profiles to connect to the Internet in different ways.

Find it: Press the main menu key ☰ > **Vodafone live!** > **Internet Profiles**

Contact your service provider to obtain Web session settings, if necessary.

running the browser in the background

Some phones are set up to run a browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines or sports scores). These types of services typically are available through subscription from your service provider.

setting up browser messages

Find it: Press the main menu key ☰ > **Messaging** > **Browser Messages** ☰ **Browser Msgs Setup** > **Service**

option	
Off	Stop all browser messages.
Receive All	Allow all browser messages.
Restricted	Allow only browser messages from your service centre number.

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recording, playing and sending video clips

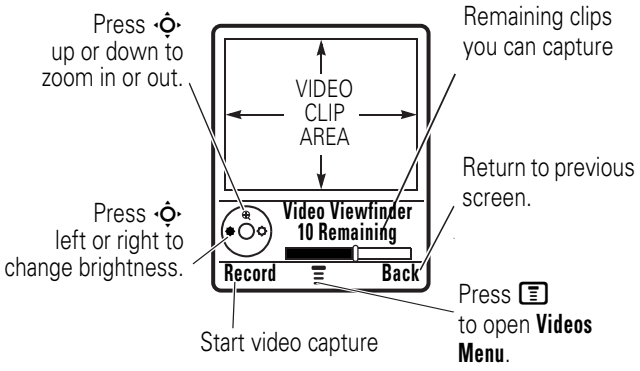
You can record a video clip with your phone and send it to other mobile phone users in a multimedia message.
If your Phone has a memory card then you can move your downloads to the memory card if the Phone Memory becomes full.

record video

To activate your phone's video camera:

Find it: Press the main menu key ☰ >**Record Video** or press ☰ > **My Files** > **Videos** > **[New Video]**

The active viewfinder image appears on your display.



Point the camera lens at the video subject, then:

Press	To
1 **Record**	begin video recording
2 **Stop**	stop video recording
3 **Options**	view storage options
	If you choose to store the video, continue to step 4.
or	
Discard	delete the video and return to active viewfinder
4 ·◎·	scroll to **Send in Message**, **Send** > **live!Studio** or **Store Only**
5 **Select**	perform the storage option

sending a video clip in a message

Press	To
6 **Select**	**Send in Message**
7 Keypad keys	enter a text note
	Use the navigation key to select an entry from your phone list.
	add a 'one time entry'
8 **Send To**	select your contact(s), a **[New Number]** or a **[New Email address]**
9 **Send**	send the message

Note: you can send an already stored video in a message by inserting a video clip in a multimedia message.

M > **Messaging** > **Create Message** > **New Multimedia Message** > M > **Insert > Video** > select the video to be inserted with the navigation key > **Insert** > *type your message* > **Send To**

playing a video clip

To play a video clip stored on your phone:

Find it: Press the main menu key M > **My Files** > **Videos** > *Video Clip Name*

video menu

Press M to open the **Video Menu** during video playback. The following options are available:

option	
Send in Message	Insert selected picture in a new message. **Note:** *This feature is not available if the picture you are trying to insert has a lock on it.*
Send > **live! Studio**	Store picture and video messages from your phone or computer in private albums on the Vodafone live! portal - freeing up valuable memory on your phone.!
New	Record a video clip.
Details	View video clip information.
Delete	Delete the selected video clip or all marked video clips.

option	
Move	Move selected video clip or marked video clips to another device and delete original video(s) from phone memory.
Copy	Copy selected video clip or marked video clips to another device and leave copy of video(s) on phone.
Mark	Mark the picture to move, copy, send or delete it.
Mark All	Mark all pictures to move, copy, send or delete them.
Assign To Category	Assign the video clip to a defined category.
Videos Setup	Open the setup menu to adjust video settings.
View Free Space	View memory space available for storing video clips.
Go To Videos	View video clips stored on your phone.

taking and sending a photo

To activate your phone's camera:

Find it: Either press the camera hard key on the side of the phone or press ☰ > **Camera**

The active viewfinder image appears on your display.

Point the camera lens at the photo subject, then:

Press	To
1 **Capture**	take a photo
2 **Options**	view storage and send options
	If you choose to store the photo, continue to step 3.
or	
Discard	delete the photo and return to active viewfinder
3 ☰	scroll to **Send in Message**, **Send > live! Studio**, **As Postcard**, **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, **Apply as Contacts Entry** or **Print and Store**
4 **Select**	perform the storage option
	If your Phone has a memory card then you can move your downloads to the memory card if the Phone Memory becomes full.

using the auto timer

Activate the camera and then press ☰ > **Auto-Timed capture**. Press ·◌· left or right to set a 5 or 10 second timer delay, then press **Start**. Look into the camera lens. When you hear the camera click, your picture is ready.

adjusting camera settings

Press ☰ to open the **Pictures Menu** when the camera is active. The **Pictures Menu** can include the following options:

option	
Go to Pictures	View pictures and photos stored on your phone.
Phone memory	If you have a Transflash Card installed in the phone this option allows you to switch between viewing pictures stored on the transflash card and the phone memory.
Auto-Timed capture	Set a timer for the camera to take a photo.
Pictures Setup	Open the setup menu to adjust picture settings.
View Free Space	See how much memory remains for storing pictures.

using photos and pictures

You can send your photos to other mobile phone users or email addresses, assign photos to specific contact entries and use them as wallpaper or screen saver images.

downloading pictures

Your phone may contain predefined photos, pictures and animations. You can download and store additional images on your phone.

If you are unable to establish a network connection with Vodafone live!, contact your service provider.

Note: The files that you download or receive as attachments might have a lock that keeps you from saving them on external memory, forwarding them or editing them.

To download a picture from Vodafone live!, see page 27. To store a picture from a message, see page 82.

viewing and managing pictures

To view a photo, picture or animation stored on your phone:

Find it: Press the main menu key ☰ > **My Files** > **Pictures**

Press	To
1 ⊹ up or down	scroll to the picture
2 **View**	view the picture
3 ⊹	view the next/previous picture
or	
☰	open the **Pictures Menu** to perform other options

Tip: You can change the way your picture list displays using the **Setup** option in the **Pictures Menu**.

Press ☰ to open the **Pictures Menu** from the picture list. The menu can include the following options:

option	
Send in Message	Insert selected picture in a new message. **Note:** This feature is not available if the picture you are trying to insert has a lock on it.
Send > live! Studio	Store picture and video messages from your phone or computer in private albums on the Vodafone live! portal - freeing up valuable memory on your phone.
As Postcard	Send the picture and text to your operator along with the contact address in order to generate a postcard. You will receive a text message when the picture is ready.
Apply as	Set the picture as your phone's **Wallpaper** or **Screen Saver** image.
Zoom	Zoom in or out on the picture.
Resize Image	Allows you to compress the size of the picture stored on your phone to save memory
New	Capture a new picture or create an album of stored pictures.
Details	View picture information.
Delete	Delete your picture.
Move	Allows you to transfer your picture via Bluetooth.
Copy	Copy selected picture or marked picture(s) to another device.

option	
Print	Print your picture via a connected device.
Mark	Mark the picture to move, copy, send or delete it.
Mark All	Mark all pictures to move, copy, send or delete them.
Assign To Category	Assign a category type to your picture
Pictures Setup	Open the setup menu to adjust picture settings.
View Free Space	View memory space available for storing pictures.

sending a multimedia message (MMS)

A *Multimedia Messaging Service* (MMS) can contain a variety of media (including text, photos, pictures, animations, sounds, voice records and video clips). You can send the letter to other mobile phone users and to email addresses.

Tip: The layout of all pages in a multimedia message is defined by the layout of the first page. To display a media object at the top of the page, insert it in the first half of the message text. To display a media object at the bottom of the page, insert it in the second half of the message text.

Find it: Press the main menu key ☰ > **Messaging** > **Create Message** > **New Multimedia Message**

	Press	To
1	keypad keys	enter text on the page
2	☰	open the **MMS Menu**

	Press	To
3	·◌·	scroll to **Insert**
4	**Select**	display a list of items you can insert
5	·◌·	scroll to **Picture**, **New Picture**, **Voice record**, **Sound**, **Video**, **New Video**, **Quick Note**, **Contact Info** or **MMS Templates**
6	**Select**	select the file type
7	·◌·	Choose the file you want
8	**Insert**	insert the file
		To add another page to the message, continue to step 9.
9	☰	open the **MMS Menu** to insert a new page
10	·◌·	scroll to **Insert**
11	**Select**	display a list of items you can insert
12	·◌·	scroll to **New Page**
13	**Select**	insert a new page after the current page
		Repeat steps 1 to 8 to enter contents for the new page.

When you finish composing the multimedia message:

Note: It will not be possible to send protected files as part of a multimedia message.

Press	To
1 **Send To**	

Press		To
2	·ọ·	Highlight one or more existing contacts by pressing the button in the centre of the navigation key. Or highlight **[New Time Entry]** to enter one or more phone numbers or email addresses. Or highlight **New Contact** to enter a number/address and add it to the contacts list.
3	▤	bring up **Send To** menu if required, alternatively press **Send** to send the message.
4	**Message options**	copy receipients, add attachements, give the message a title.
5	**Message Details**	see size/type of message.
6	**Save to Drafts**	store the message without sending it.

sending a postcard

The Vodafone live! postcard service allows you to send a picture as an MMS, which will be delivered as a real postcard to a street address. You can send a picture that you have just taken or a picture that has already been saved on your phone. You can also include a personal greeting to the postcard.

Note: This service may not be available in all countries.

Find it: Press the main menu key
- > **Messaging** > **Create Message** > **New live! Postcard**
- > **Contacts** **As Postcard**
- > **My Files** > **Pictures** **As Postcard**

You can also access this option after you have taken a picture. Press **Store** and select **As Postcard**

Please note that the different steps when sending the postcard may differ slightly depending on whether you are in the **My Files** Menu **Contacts** Menu or **Messaging** Menu. The following describes the steps for editing the Postcard from the **Messaging** Menu

Find it: Press the main menu key > **Messaging** > **Create Message** > **New live! Postcard**

Press		To
1	**Select**	select the **New live! Postcard** option and go to the Postcard editor
2	keypad keys	enter your greeting text **Note:** The maximum length for the greeting text is 200 characters.
3	to go to **MMS Menu**	Select **Insert** > **Picture** and select either a picture that has been saved earlier or a picture you have just taken and press **Select**

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Press	To
4 **Address**	select the address of the recipient from your contacts **Note:** Only contact entries that contain complete address information will show in the list. See section below for inserting a new address entry.

If the intended recipient already contains complete address information in the contacts list, do the following:

5 ·Ö· up or down	scroll to the name of the person you wish to send the postcard to
6 ·●· centre key	select the recipient's name **Note:** You can select more than one recipient for your postcard.

Inserting a new address entry

If your **Contacts** does not have the intended recipient's address, insert a new address by selecting **Address** and **New Address Entry**.

Define the following information:

option	
Name	enter the recipient's name (mandatory)
Additional Information	enter additional information (optional)
Address	enter the address (mandatory)
City	enter the city name (mandatory)
State/Province	enter the State/Province name (mandatory)
Zip/Postal Code	enter the Zip/Postal Code (mandatory)
Country	enter the country name (mandatory)

Once you have entered all mandatory fields, press **Done**. The phone will ask you whether you want to save the postal address to **Contacts**.

Select **No** to return to the **Address To** Menu and send the postcard without saving the recipient's address.

Select **Yes** to save the address and select whether you want the address to be saved either with **Phone Number** or **Email Address**.

After entering all necessary information, press **Done** to return to the **Address To** Menu.

viewing a sent postcard

You can view a postcard that you have sent.

Press **Messaging** ·◌· down, select **Outbox**

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receiving a multimedia message (MMS)

When you receive an MMS message, your phone displays the message indicator and the **Create Message** notification and sounds an alert.

Press	To
Read	open the message

MMS messages that you receive can contain different media elements:

- Photos, pictures and animations are displayed as you read the message.
- A sound file or video clip begins playing when its page is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.

  Note: In a multimedia letter, you may have to highlight an indicator embedded in the text to play a sound file or video clip.
- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/filename and press **View** (image file type), **Play** (sound file or video clip) or **Open** (vObject such as a contact vCard or datebook vCalendar entry or unknown file type).

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memory card

You can use a removable memory card with your phone to store and retrieve multimedia objects (such as photos and sounds).

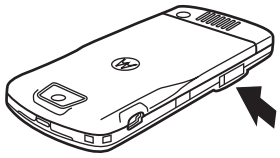
Your phone may come with a memory card fitted as standard.

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 Open the slot on the side of the handset.

2 Press the card in until it clicks into place.



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

connect the memory card to a computer

You can 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 the main menu key ☰ > **Connectivity** > **USB Settings** > **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 displays 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 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 Fax** as your USB default connection, press ☰ > **Connectivity** > **USB Settings** > **Data/Fax Connection**.

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Bluetooth® wireless

Your phone supports Bluetooth wireless *pairing* (also called *linking* or *bonding*). You can pair your phone with a Bluetooth headset or car kit or pair your phone with a computer to exchange and synchronise files.

Note: 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.

turn Bluetooth power on or off

Find it: Press the main menu key ☰ > **Connectivity** > **Bluetooth** > **Setup** > **Power** > **On**

If Bluetooth **Power** is **On**, your phone can automatically pair with the handsfree device you have used before. Just turn on the device or move it near the phone.

Note: To extend battery life, use the above procedure and set Bluetooth **Power** to **Off** when not in use. Your phone will not pair with devices until you set Bluetooth **Power** back to **On** and pair your phone with the devices again.

pair with a headset or handsfree device

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

Find it: Press the main menu key ☰ > **Connectivity** > **Bluetooth** > **Handsfree** >

Your phone lists the devices it finds within range.

1 Highlight a device in the list and press the **Select** key.

2 Press the **Yes** or **Ok** key to pair with the device.

3 If necessary, enter the device pass key (such as 0000) and press the **Ok** key.

When your phone is paired, the Bluetooth indicator displays in the home screen.

Tip: We can't see the device you're holding. For specific information about a device, refer to the instructions that came with it.

copy objects to another device

You can use Bluetooth pairing to copy a media object, contacts entry, calendar event or bookmark from your phone to a computer or other device.

1 Highlight the object on your phone that you want to copy to the other device.

2 Press ☰ and select **Copy** (for media objects), **Send** (for calendar events) or **Share Contacts Entry** (for contacts entries).

3 Select a recognised device name or **[Look For Devices]** to search for the device where you want to copy the object.

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advanced Bluetooth features

feature	
make phone visible to other device	Allow a Bluetooth device to discover your phone: MENU > **Connectivity** > **Bluetooth** > **Setup** > **Find Me**
pair with recognised device	Pair your phone with a recognised handsfree device: MENU > **Connectivity** > **Bluetooth** > **Handsfree** > *device name*
drop pairing with device	Highlight the device name and press the **Drop** key.
switch to device during call	Switch to a headset or car kit during a call: MENU > **Use Bluetooth**
move multimedia object to device	Move a multimedia object to another device: Highlight the object, press MENU > **Move**, select the device name. **Caution:** Moving an object **deletes** the original object from your phone.

feature	
edit device properties	Edit the properties of a recognised device: Ⓜ > **Connectivity** > **Bluetooth** > **Device History**. Highlight the device name, press the **Edit** key.
set Bluetooth options	Ⓜ > **Connectivity** > **Bluetooth** > **Setup**

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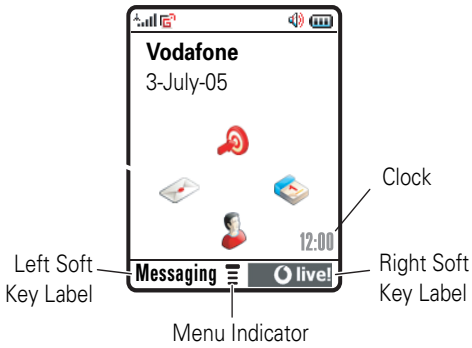
basics

See page 1 for a basic phone diagram.

display

The *home screen* displays when you turn on the phone. To dial a number from the home screen, press number keys and ⦿.

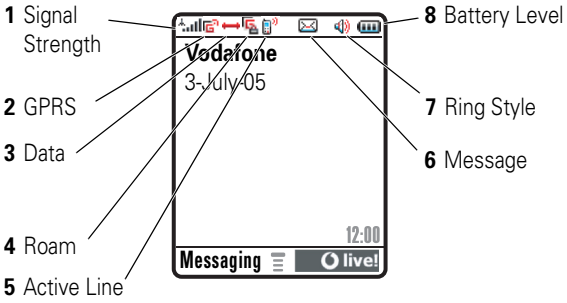
Note: Your home screen may look different from the one below, depending on your service provider.



The *Menu Indicator* ☰ shows that you can press ☰ to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

Your home screen might display news from Vodafone at the bottom. To change this news display, press MENU > **Settings** > **Personalise** > **Home Screen**.

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



1 **Signal Strength Indicator –** Vertical bars show the strength of the network connection. You cannot make or receive calls when i or iX displays.

2 **GPRS Indicator –** Shows when your phone is using a *General Packet Radio Service* (GPRS) network connection. Other indicators can include:

= GPRS packet data available

= Bluetooth® connection is active

3 Data

= 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. Indicators can include:

= 2G home

= 2G roam

= 2.5G home

= 2.5G roam

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

= line 1 active

= line 1 active, Diverts on

= line 2 active

= line 2 active, Diverts on

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

= text message

= voice message

= active chat session

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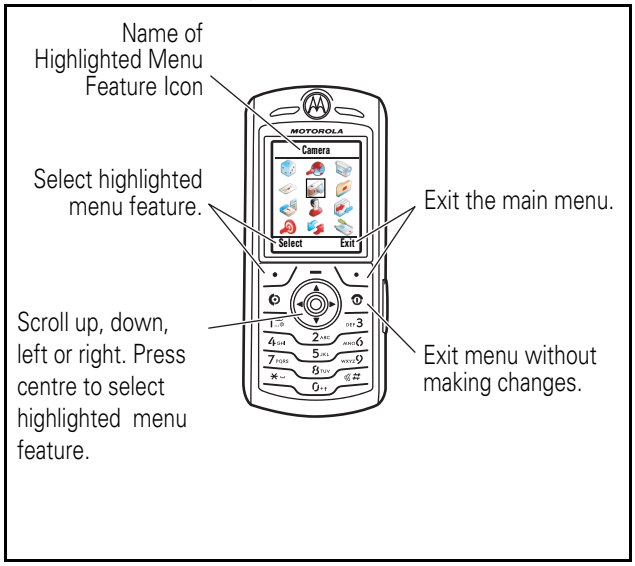
7 **Ring Style Indicator –** Shows the ring style setting.

= loud ring	= vibrate then ring
= soft ring	= vibrate and ring
= vibrate	= silent

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

menus

From the home screen, press ☰ to enter the main menu.

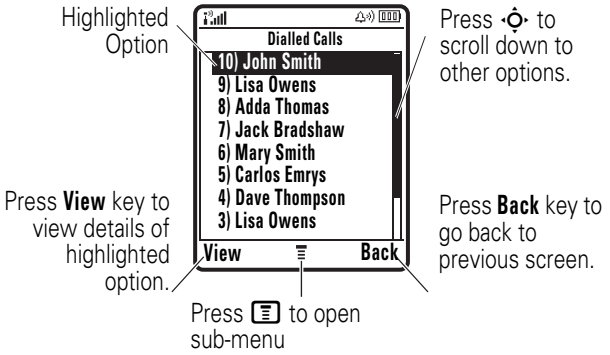


The following menu icons may be available, depending on your service provider and service subscription options.

menu features		
Games	Vodafone live!	Record Video
Messaging	Camera	My Files
Organiser & Tools	Contacts	Call Log

menu features		
Shortcuts	Connectivity	Settings

Some features require you to select an option from a list:



- Scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight an option.
- In an alphabetised list, press a key repeatedly to cycle through its letters and highlight the closest matching list option.
- When an option has a list of possible settings, scroll left or right to select the setting.
- When an option has a list of possible numeric values, press a number key to set the value.

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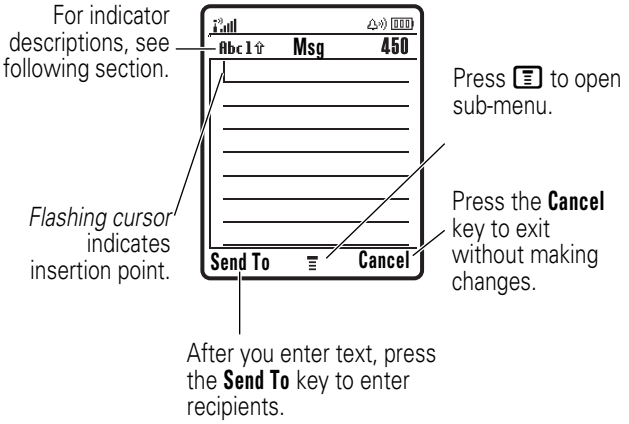
text entry

Some features let you enter text.



Press # in a text entry screen to select an entry mode:

entry mode	
🕮 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 do not 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 ☰ > **Entry Setup** in a text entry screen and select **Primary Setup** or **Secondary Setup**.

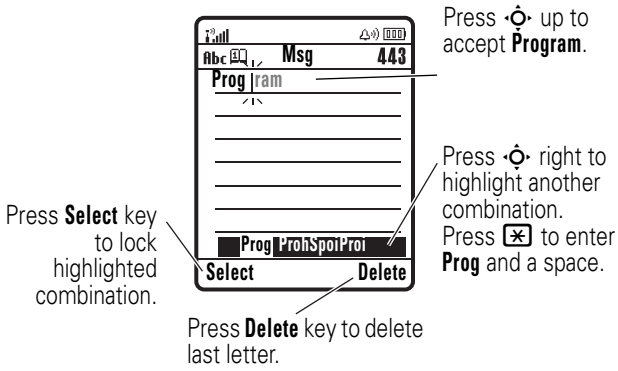
Tip: WANT TO SHOUT YOUR MESSAGE? Press 0 in a text entry screen to change text case to no capital letters (abc), next letter capital (Abc with 🕮, 🕮, 1⇧ or 2⇧) or all capitals (ABC with 🕮, 🕮, 1⬆ or 2⬆).

iTAP® mode

Press # in a text entry screen to switch to iTAP mode. If you do not see 🕮 or 🕮, press ☰ > **Entry 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 phone displays:



- If you want a different word (such as **Program**), continue pressing keypad keys to enter the remaining letters.
- 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 mode.
- Press 1 to enter punctuation or other characters.

entering Novel words in iTAP mode

You may enter a word that the iTAP software does not recognise. If your word is not shown as a letter combination choice at the bottom of the display:

Action

1. Press **Delete** one or more times to delete letters, until you see a letter combination at the bottom of the display that matches the start of the word you want to enter.
2. Press ·Ö· left or right to highlight the letter combination.
3. Press **Select** to select the letter combination.
4. Continue to enter letters and select letter combinations to spell the word.

Your phone automatically stores the novel word and displays it as an option the next time you enter its letter combination. When the memory space for storing novel words is filled, your phone deletes the oldest words to add new words.

entering numbers and punctuation in iTAP mode

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 revert to **iTAP** mode.

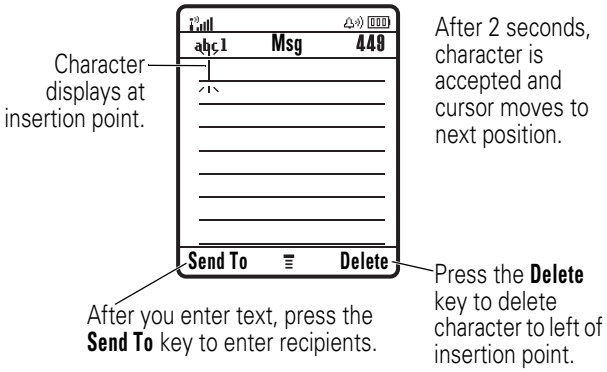
Press 1 to enter punctuation or other characters as shown in the "character chart" on page 65.

tap mode

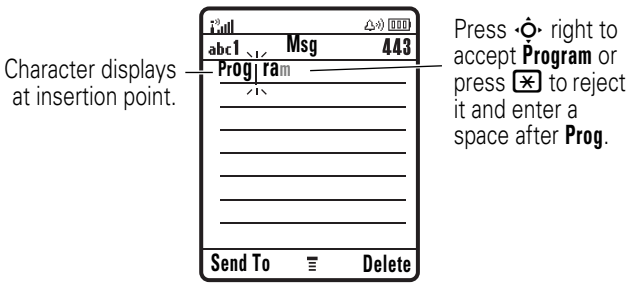
Press # in a text entry screen to switch to tap mode. If you do not see **Abc 1** or **Abc 2**, press MENU > **Entry Setup** to set tap mode as your primary or secondary text entry mode.

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 8 one time, your phone displays:



When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** your phone might display:



- The first character of every sentence is capitalised. If necessary, press down to change the character to lowercase before the cursor moves to the next position.
- Press to move the flashing cursor to enter or edit message text.
- If you do not want to save your text or text edits, press to exit without saving.
- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

character chart

Use this chart as a guide for entering characters with **Tap Extended** mode.

1	. 1 ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2	a b c 2 ä å á à â ã α β ç
3	d e f 3 δ ë é è ê ϕ
4	g h i 4 ï í î γ
5	j k l 5 λ
6	m n o 6 ñ ö ø ó ò ô õ ω
7	p q r s 7 π ß σ
8	t u v 8 θ ü ú ù û
9	w x y z 9 ξ ψ
0	*change text case, for capital letters*
*	*enter a space (hold to enter a return)*
#	*change text entry mode (hold for default)*

Note: This chart may not reflect the exact character set available on your phone. In an email or Web address editor, 1 first shows common characters for that editor.

numeric mode

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

symbol mode

Press # in a text entry screen until you see @. Press a keypad key to show its symbols at the bottom of the display. Highlight the symbol you want, then press the **Select** key.

symbol chart

Use this chart as a guide for entering characters with symbol mode.

1	. ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
2	@ _ \
3	/ : ;
4	" & '
5	( ) [ ] { }
6	¿ ¡ ~
7	< > =
8	$ £ ¥ ¤ €
9	# % *
0	+ - x * / = > < # §
*	*enter a space (hold to enter a return)*
#	*change text entry mode (hold for default)*

Note: This chart may not reflect the exact character set available on your phone. In an email or Web address editor, 1 first shows common characters for that editor.

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 **Speaker** key to turn the handsfree speaker on. Your phone displays **Speakerphone On** until you turn it off or end the call.

Note: The handsfree speaker will not work when your phone is connected to a handsfree car kit or headset.

codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. The 6-digit **security code** is originally set to **000000**. If Vodafone did not change these codes, you should change them:

Find it: Press the main menu key ☰ > **Settings** > **Security** > **New Passwords**

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

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 does not work, press ☰ and enter your 6-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 Vodafone.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

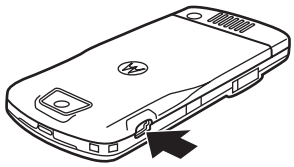
To **manually lock** your phone: Press the main menu key ☰ > **Settings** > **Security** > **Phone Lock** > **Lock Now**.

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

Note: You can make emergency calls on a locked phone (see page 74). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

cable connections

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



- Synchronise contacts and calendar information between your phone and a computer or hand-held device.
- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data calls from your computer or handheld device.

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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.

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calls

To make and answer calls, see page 24.

turn off a call alert

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

call log

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

Shortcut: Press [O] from the home screen to see the dialled numbers list.

Find it: Press the main menu key [M] > **Call Log** or alternatively press the **Call Log** key on the key pad.

1. Highlight **Received Calls** or **Dialled Calls**, then press the **Select** key.
2. Highlight a call. A ✓ next to a call means the call connected.
   - To call the number, press [O].
   - To see call details (like time and date), press the **View** key.

- To see the **Last Calls Menu**, press ⊟. This menu can include:

option	
Store	Create a contacts 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.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the contacts or Call Log lists.
Talk and Fax	Talk and then send a fax in the same call (see page 92).

redial

1 Press ⊙ from the home screen to see the dialled numbers list. Alternatively press the **Call Log** key on the key pad and select **Dialled Calls**.

2 Highlight the entry you want to call, then press ⊙.

If you hear a **busy signal** and you see **Call Failed, Number Busy**, press ⊙ or the **Retry** key to redial the number.

When the call goes through, your phone rings or vibrates one time, displays **Redial Successful** and and connects the call.

return a call

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

1 Press the **View** key to see the received calls list.

2 Highlight the call you want to return, then press ⊙.

notepad

The last set of digits entered on the keypad are stored in *notepad* memory. This can be the last phone number you called or a number that you "jot down" during a call for later use. To see the number stored in the notepad:

Find it: Press the main menu key ☰ > **Call Log** > **Notepad** or alternatively press the **Call Log** key on the key pad.

- To call the number, press ⊙.
- To create a contacts entry with the number in the **No.** field, press the **Store** key.
- To open the **Dialling Menu** to attach a number or insert a special character, press ☰.

hold or mute a call

Press the main menu key ☰ > **Hold** to put all active calls on hold.

Press **Mute** soft key to put all active calls on mute.

call waiting

When you are on a call, you will hear an alert if you receive a second call.

Press ⦿ to answer the new call.

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

To turn the call waiting feature on or off:

Find it: Press the main menu key ☰ > **Settings** > **In-Call Setup** > **Call Waiting**

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 are stored in your contacts or **Incoming Call** when caller ID information is not available.

You can set your phone to play a different ringer ID for an entry stored in your contacts (see page 79).

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

emergency calls

Vodafone programs one or more emergency phone numbers, such as 911 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 SEND to call the emergency number.

international calls

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

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1-touch dial

To call contacts entries 1 through 9, press and hold the single-digit speed dial number for one second.

You can set 1-touch dial to call the entries in your phone's memory contacts list, your SIM card's Contacts or your Fixed Dial list:

Find it: Press the main menu key ☰ > **Settings** > **Initial Setup** > **1-Touch Dial** > **Phone**, **SIM** or **Fixed Dial**

To add a new contacts entry, see page 78. To edit the **Speed No.** for a contacts entry, press ☰ > **Contacts**, highlight the entry and press ☰ > **Edit**.

voicemail

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

When you **receive** a voicemail message, your phone displays the voicemail message indicator and **New Voicemail**. Press the **Call** key to listen to the message.

To **check** voicemail messages:

Find it: Press the main menu key ☰ > **Messaging** > **Call Voicemail**

Note: You cannot 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 contacts entry for it. Then, you can use the entry to call your voicemail.

advanced calling

feature	
conference call	During a call: Dial next number, press ⊙, press the **Link** key.
transfer a call	During a call: ☰ > **Transfer**, dial transfer number, press ⊙.
attach a phone number	Dial an area code or prefix for a contacts number, then: ☰ > **Attach Number**
speed dial	Speed dial a contacts entry: Enter speed dial number, press #, press ⊙. To add a contacts entry, see page 78. **Tip:** If you forget Aunt Mildred's speed dial number, press ☰ > **Contacts**, highlight her entry and press the **View** key.
call divert	Set up or cancel call forwarding: ☰ > **Settings** > **Diverts**
call barring	Restrict outgoing or incoming calls: ☰ > **Settings** > **Security** > **Call Barring**

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feature	
fixed dial	When you turn on fixed dialling, you can call only numbers stored in the fixed dial list. Turn fixed dialling on or off: MENU > **Settings** > **Security** > **Fixed Dial** Use the fixed dial list: MENU > **Organiser & Tools** > **Dialling services** > **Fixed Dial**
DTMF tones	Activate DTMF tones: MENU > **Settings** > **Initial Setup** > **DTMF** To send DTMF tones during a call, just press number keys or highlight a number in the contacts or call log lists and press MENU > **Send Tones**.

contacts

feature	
add new entry	☰ > **Contacts** > ☰ > **New** > **Phone Number** or **Email Address** **Shortcut:** Enter a phone number in the home screen, then press the **Store** key to create an entry for that number. **Tip:** One phone is not enough for some people. When creating a contacts entry, select **More** to store another number for the same **Name**. **Note:** Contacts can be reached either by ☰ > **Contacts** or by pressing the **Contacts** handkey on the keypad.
dial number	Call a number stored in the contacts: ☰ > **Contacts**, highlight the contacts entry, press ⌦. **Shortcut:** In the contacts, press a keypad key one or more times to jump to entries that begin with the key's letters. **Note:** Contacts can be reached either by ☰ > **Contacts** or by pressing the **Contacts** handkey on the keypad.

feature	
record a voice name	When creating a contacts entry, highlight **Voice Name** and press the **Record** key. Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. **Note:** The **Voice Name** option is not available in entries stored on the SIM card.
set ringer ID for entry	Assign a ring alert (ringer ID) to an entry: M > **Contacts** > *entry* M > **Edit** > **Ringer ID** > *ringer name* **Note:** The **Ringer ID** option is not available in entries stored on the SIM card. Activate ringer IDs: M > **Settings** > **Ring Styles** > <*style*> **Detail** > **Ringer IDs**
set picture ID for entry	Assign a photo or picture to display when you receive a call from an entry: M > **Contacts** > *entry* M > **Edit** > **Picture** > *picture name* **Note:** The **Picture** option is not available in entries stored on the SIM card.

feature	
set picture ID view	Display entries as a text list or with picture caller ID photos: ☰ > **Contacts** ☰ > **Setup** > **View by** > *view name*
set category for entry	☰ > **Contacts** > *entry* ☰ > **Edit** > **Category** > *category name* **Note:** The **Category** option is not available in entries stored on the SIM card.
set category view	☰ > **Contacts** ☰ > **Categories** > *category view* You can display **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**) or entries in a category you create.
set primary number or address	Set the primary number for an entry with multiple numbers: ☰ > **Contacts**, highlight the entry, press ☰ > **Set Primary** > *number* or *address* **Tip:** In **Primary** number view mode, you can still peek at other numbers stored for the same name. Highlight the name and press ·Ö· left or right to see the other numbers.
create group mailing list	☰ > **Contacts** ☰ > **New** > **Mailing List**

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feature	
sort contacts list	Set the order in which entries are listed: M > **Contacts** M > **Setup** > **Sort by** > *sort order* You can sort the contacts list by **Name**, **Speed No.**, **Voice Name** or **Email**. When sorting by name, you can display **All** numbers or just the **Primary** number for each name.
copy contacts entry	Copy an entry from the phone to the SIM card or from the SIM card to the phone: M > **Contacts**, highlight the entry, press M > **Copy** > **Entries** > **To**
send contacts entry in a text message	Send a contacts entry in a text or email message: M > **Contacts**, highlight the entry, press M > **Send Contact**
send contacts entry over Bluetooth® connection	Send a contacts entry to another phone, computer or device: M > **Contacts**, highlight the entry, press M > **Share Contacts Entry**

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other features

messaging

feature	
send text message	☰ > **Messaging** > **Create Message** > **New Text Message**
send multimedia message	☰ > **Messaging** > **Create Message** > **New Multimedia Message**
send email	☰ > **Messaging** > **Create Message** > **New Email**
send voice message	☰ > **Messaging** > **Create Message** > **New Voice Msg** To record the voice message, press the **Record** key, speak, then press the **Stop** key. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.
use a multimedia template	Open a multimedia template with preloaded media: ☰ > **Messaging** > **Create Message** > **MMS Templates**

feature	
read new message	When your phone displays **Create Message**, press the **Read** key to read the message you received.
read old messages	☰ > **Messaging** > **Inbox** Icons next to each message indicate if it is locked 🔒, has an attachment 📎 or is urgent !. Press ☰ to perform various operations on a message.
read old email	☰ > **Messaging** > **Email Inbox** Press ☰ to perform various operations on a message.
store message objects	Go to a multimedia message page or highlight an object in a letter, then: ☰ > **Store**
store text messages on your SIM card	To store incoming text messages on your SIM card, press: ☰ > **Messaging** ☰ > **Email Msgs** > **Store To** > **SIM**
browser messages	Read messages received by your browser: ☰ > **Messaging** > **Browser Messages**
info services	Read subscription-based information services messages: ☰ > **Messaging** > **Info Services**

feature	
set up more email accounts	You can set up, edit and use more than one email account on your phone. Each account stores protocol, host, port and other information. MENU > **Messaging** MENU > **Email Msg Setup** > **Account Settings** To edit it an account, select it. To set up a new account, select **New Entry**. **Note:** Your phone displays a folder for each email account under MENU > **Messaging** > **Email Inbox**.

chat

feature	
start chat	MENU > **Shortcuts** > **Chat**
receive chat request	Press the **Accept** key or the **Ignore** key.
end chat	During a chat session: MENU > **End Chat**

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personalising

feature	
language	Set menu language: M > **Settings** > **Initial Setup** > **Language**
scroll	Set the highlight bar to stop or wrap around in menu lists: M > **Settings** > **Initial Setup** > **Scroll**
activate ringer IDs	Activate ringer IDs assigned to contacts entries and categories: M > **Settings** > **Ring Styles** > <*style*> **Detail** > **Ringer IDs**
ring volume	M > **Settings** > **Ring Styles** > <*style*> **Detail** > **Ring Volume**
keypad volume	M > **Settings** > **Ring Styles** > <*style*> **Detail** > **Key Volume**
reminders	Set reminder alerts for messages that you receive: M > **Settings** > **Ring Styles** > <*style*> **Detail** > **Reminders**
menu view	Display the main menu as graphic icons or as a text-based list: M > **Settings** > **Personalise** > **Main Menu** > **View**
main menu	Reorder your phone's main menu: M > **Settings** > **Personalise** > **Main Menu** > **Reorder**

feature	
show/hide menu icons	Show or hide menu feature icons in the home screen: Ⓜ > **Settings** > **Personalise** > **Home Screen** > **Home Keys** > **Icons** **Note:** In the **Home Screen** menu, select **Setup with News** or **Setup without News** if your service provider has a news display.
change home keys	Change the features for the soft keys and navigation key in the home screen: Ⓜ > **Settings** > **Personalise** > **Home Screen** > **Home Keys** **Note:** In the **Home Screen** menu, select **Setup with News** or **Setup without News** if your service provider has a news display.
shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold Ⓜ. Use a shortcut: Press Ⓜ, then press the shortcut number.
master reset	Reset all options **except** unlock code, security code and lifetime timer: Ⓜ > **Settings** > **Initial Setup** > **Master Reset**

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feature	
master clear	Clear all settings and entries you made **except** SIM card information, downloaded pictures and sound files and reset all options **except** unlock code, security code and lifetime timer: ☰ > **Settings** > **Initial Setup** > **Master Clear** **Caution:** Master clear **erases all information you have entered** (including contacts and calendar entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you cannot recover it.

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call times

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

feature	
call times	Display call timers: Ⓜ > **Call Log** > **Call Times** Alternatively you can use the **Call Log** hard key.
in-call timer	Display time or cost information during a call: Ⓜ > **Settings** > **In-Call Setup** > **In-Call Timer**

shortcuts

Create a Shortcut to a frequently used feature.

feature	
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold Ⓜ. Select a shortcut: Ⓜ > **Shortcuts** > *shortcut name*

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email

To set up your email follow the steps below:

feature	
Setup your email	Create your email account: M > **Messaging** > **Email Inbox** > **Setup** > **Account Settings** > **[New Entry]**
	Under [New Entry] you'll find the following fields:
	Account Name (mandatory)
	Status (pre-configured)
	Name (mandatory)
	User ID (mandatory)
	Password (mandatory)
	Return Address (mandatory)
	Email Provider (pre-configured)
	Protocol (pre-configured)
	Sending host (pre-configured)
	Sending port (pre-configured)
	Receiving host (pre-configured)
	Receiving port (pre-configured)
	Cleanup (pre-configured)
	Save on server (pre-configured
	Security (pre-configured)
	Size restriction (pre-configured)
	Unread only (pre-configured)

feature	
	Receive date range (pre-configured) **Attachments** (pre-configured) > **Done** **Note:** you need to fill in all the mandatory fields in order to save the account setup. When all mandatory fields are completed, then the right soft key will change to Done, otherwise it will remain Cancel.
Send Email Message	Send an email message: M > **Messaging** > **Create Message** or **New Email**
Insert Quick Notes, Pictures and Other Objects	While editing a message: M > **Insert** **Note:** Some files might have a lock that keeps you from forwarding them.
View Sent Messages	M > **Messaging** > **Outbox**
Reply to Message	While reading a messaging: M > **Reply**
Store Message Objects	While reading a message, highlight an object then: M > **Store**

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handsfree

Note: 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.

feature	
speakerphone	Activate a connected external speakerphone during a call: Press the **Speaker** key (if available or ☰ > **Speakerphone On**).
auto answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ☰ > **Settings** > **Car Settings** or **Headset** > **Auto Answer**
voice dial (headset)	Enable voice dial with headset send/end key: ☰ > **Settings** > **Headset** > **Voice Dial**
auto handsfree (car kit)	Automatically route calls to a car kit when connected: ☰ > **Settings** > **Car Settings** > **Auto Handsfree**
power-off delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: ☰ > **Settings** > **Car Settings** > **Power-Off Delay**

feature		
charger time (car kit)	Charge the phone for a specified time after the ignition is switched off: MENU > **Settings** > **Car Settings** > **Charger Time**	

data & fax calls

To connect your phone with a USB cable, see page 68.

feature		
send data or fax	Connect your phone to the device, then place the call through the device application.	
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 MENU > **Talk and Fax**, then press OK to make the call.	

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network synchronisation

feature	
synchronise your contacts with Vodafone	You can quickly synchronise your contacts and calendar entries with an Internet server using a wireless connection, such as Vodafone live! network. ☰ > **Connectivity** > **Sync** > **My Sync Partners** **Note:** Visit www.vodafone.com for details. Note that this service is not available for all countries.
creating an internet sync partner	To set up an Internet sync partner, press ☰ > **Settings** > **Connectivity** > **Sync** > **[New Entry]** Enter the server details, including ServerURL (you can omit http://) and DataPath (the folder below the URL where your data is stored).
using an internet sync partner	To synchronise files with a partner you set up, select the partner from the list in ☰ > **Settings** > **Connectivity** > **Sync**

network

feature	
network settings	Display network information and adjust network settings: MENU > **Settings** > **Network**

personal organiser

feature	
set alarm	MENU > **Organiser & Tools** > **Alarms**
turn off alarm	When an alarm displays: To turn off the alarm, press the **Disable** key or ⏻. To set an 8 minute delay, press the **Snooze** key.
add new calendar event	MENU > **Organiser & Tools** > **Calendar**, highlight the day, press ·●·, press MENU > **New**
view calendar event	Display or edit event details: MENU > **Organiser & Tools** > **Calendar**, highlight the day, press ·●·, press the **View** key
event reminder	When an event reminder displays: To see reminder details, press the **View** key. To close the reminder, press the **Exit** key.
send calendar event to another device	Send a **calendar** event to another phone, computer or device: MENU > **Organiser & Tools** > **Calendar**, highlight the day, press ·●·, highlight the event, press MENU > **Send**

feature	
calculator	☰ > **Organiser & Tools** > **Calculator**
currency converter	☰ > **Organiser & Tools** > **Calculator** ☰ > **Exchange Rate** Enter exchange rate, press the **Ok** key, enter amount and press ☰ > **Convert Currency**.

security

feature	
SIM PIN	Lock or unlock the SIM card: ☰ > **Settings** > **Security** > **SIM PIN** **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
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.

My Files

For basic information on the camera, see page 35.

feature	
manage pictures	Manage photos, pictures and animations: MENU > **My Files** > **Pictures**
manage video clips	MENU > **My Files** > **Videos**
manage sounds	Manage ring tones and music that you have downloaded or composed: MENU > **My Files** > **Sounds**
create ring tones	Create ring tones that you can use with your phone: MENU > **My Files** > **Sounds** > **[New iMelody]**

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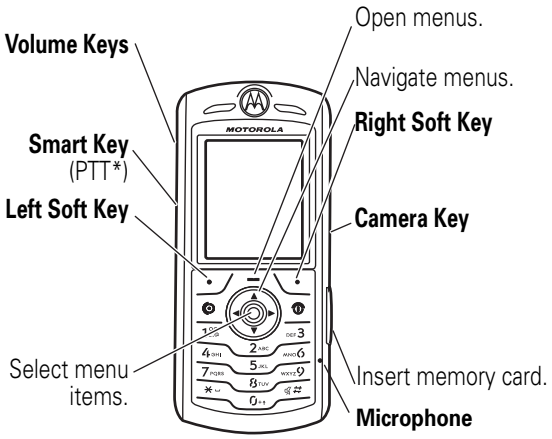
Games

feature	
download game or application	Download a Java™ game or application with the browser: MENU > **Vodafone live!** > **Vodafone live!**, go to the page that links to the application, highlight the application, press the **Select** key and press the **DWNLOAD** key **Note:** Normal airtime and/or carrier usage charges apply.
start game or application	Start a Java™ game or application: MENU > **Games**, highlight the game or application, press the **Select** key **Note:** If your phone has a memory card installed then to install and run games stored on your memory card, press MENU > **Games** > **[Install New]**.

push to talk (PTT) calls

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



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

Note: To lock your PTT key or turn PTT on or off, see page 102.

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make a PTT call

When displays 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:

- **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 102).

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

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.

To send a PTT alert instead of a standard PTT call, highlight a PTT contact in **PTT Contacts** and press the **Alert** 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.

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answer a PTT call

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, your phone does not automatically answer as described (see page 103).

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 displays **Missed Call** if you miss a PTT alert. It does not display **Missed Call** when you miss a standard PTT call unless you set **My Answer Mode** to **Manual** (see page 103).

PTT contacts and groups

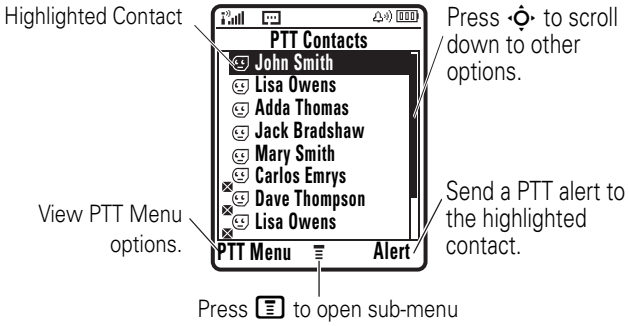
You can store **PTT Contacts** to make one-to-one calls or you can store **PTT Groups** to make group calls.

To store a contact, press **PTT key** ☰ > **Add**. Enter the contact's **Name** and phone number (**No.**), then press the **Done** key. Your network stores the contact and your phone returns to the **PTT Contacts** list with the new contact displayed.

To create a group of contacts that you can call at the same time, press **PTT key** ☰ > **PTT Groups** ☰ > **Create New 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 Groups** list with the new group displayed.

To view PTT contacts, press the PTT key. Scroll to a contact and press ☰ to **View**, **Edit** or **Delete** it.



PTT / Data Indicator – Shows when you can make and receive PTT calls ( ).

To view PTT groups, press the PTT key and ☰ > **PTT Groups**. Scroll to a group and press ☰ to **View** or **Delete** it. You cannot edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists indicate if someone is online (,) or offline (,). They also tell you if a contact is blocked (highlight the contact and press ☰ > **Block** or **Unblock**).

To set an **online alert** to tell you when a contact comes online, highlight the contact and press ☰ > **Enable Online Alert**.

You can turn online alert tones on or off in your **PTT Setup** menu (see page 103).

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

To view only your frequently used contacts or groups, press ☰ > **Frequently Used**.

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 have not pressed it for a few minutes and your phone is closed.
Press the main menu key ☰ > **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 2 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 the main menu key **PTT key** ☰ > **PTT Setup** > **PTT Personalise**

option	
Open To	From the home screen, the PTT key can open the PTT menu (**Main Menu**) or your contacts list sorted by name (Top of List) or most recent call (**Last Call**).

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option	
Sort by	Sort your contacts and groups by **Name**, online **Status** or call **Frequency**.
My Answer Mode	Set the mode for incoming PTT calls to **Manual** (press the PTT key to answer), **Auto-Accept** (standard mode that accepts all calls) or **Do Not Disturb** (accepts no 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.
Set Online Alert Tone	You can set an online alert to tell you when a contact or group comes online (highlight the entry in your **PTT Contacts** or **PTT Groups** and press MENU > **Enable Online Alert**). This setting tells your phone whether to play these alert tones (**On**) or not (**Off**).

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customise

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:

Loud	**Vibrate**	**Vibrate & Ring**
Soft	**Vibrate then Ring**	**Silent**

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

Find it: Press the main menu key ☰ > **Settings** > **Ring Styles** > **Style:** *style name*

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: Press the main menu key ☰ > **Settings** > **Ring Styles** > <*Style*> **Detail**

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

1 Highlight the alert you want, then press the **Select** key.

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2 Press the **Back** key to save the alert setting.

time & date

You need to set your phone's time and date to use the calendar.

To set the time and date, turn off **Autoupdate**, then: Press the main menu key ☰ > **Settings** > **Initial Setup** > **Time and Date** > *time* or *date*.

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

wallpaper

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

Find it: Press the main menu key ☰ > **Settings** > **Personalise** > **Wallpaper**

option	
Picture	Select an image for your wallpaper or **None** for no wallpaper.
Layout	Select **Centre** to centre the image in the display, **Tile** to repeat the image across the display or **Fit-to-screen** to stretch the image across the display.

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screen saver

Set a photo, picture or animation as a screen saver. The screen saver displays 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: Press the main menu key ☰ > **Settings** > **Personalise** > **Screen Saver**

option	
Picture	Select an image for your screen saver or **None** for no screen saver.
Delay	Select the length of inactivity before the screen saver displays.

display appearance

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

To set your display **brightness**: Press the main menu key ☰ > **Settings** > **Initial Setup** > **Brightness**.

To save battery life, your **backlight** turns off when you are not using your phone. The backlight turns back on when you press any key. To set how long your phone waits before the backlight turns off:

Press the main menu key ☰ > **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 are not using your phone. The display turns back on when you press any key. To set how long your phone waits before the display turns off:

Press the main menu key ☰ > **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: Press the main menu key ☰ > **Settings** > **In-Call Setup** > **Answer Options**

option	
Multi Key	Answer by pressing any key.

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Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.95 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 0.49 W/kg.[1]

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

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

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure

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then you can do so by limiting the length of calls or using a "handsfree" device to keep the mobile phone away from the head and body.

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

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

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