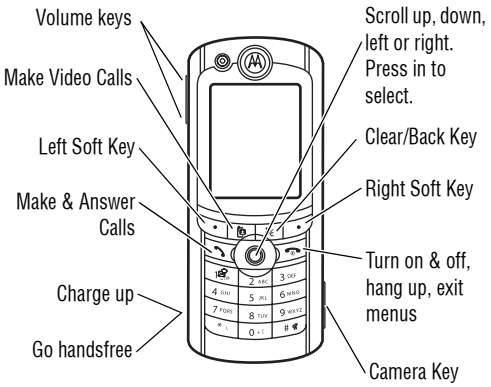
INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

Introduction 1

Welcome to the world of Motorola digital mobile communications! We are pleased that you have chosen the Motorola E770v 3G mobile phone.

Note: *The graphic represented here and throughout this manual may not accurately depict your specific phone.*



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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1 Introduction

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

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

3.1 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.

3.2 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.

3.2.1 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.

3.2.2 Phone Operation

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

3.2.3 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.

3.2.4 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.

3.2.5 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`.

3.3 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.*

3.3.1 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.

3.3.2 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.

3.3.3 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.

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.

3.4 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.

- Always use handsfree operation.
- 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`.

3.5 Operational Warnings

3.5.1 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.

3.5.2 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.

3.5.3 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.*

3.5.4 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.

3.5.5 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.

3.5.6 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 rubbish bin.
	Your phone contains an internal lithium ion battery.

3.6 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.

3.7 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 games 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.

3.8 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.

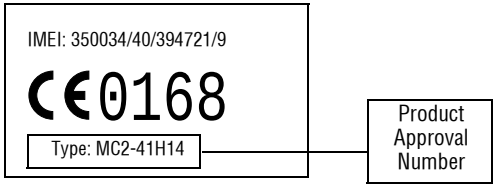
EU Conformance 4

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with

CE

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



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

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

5 Recycling Information

5.1 Caring for the Environment by Recycling

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

5.2 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.

6.1 About This Guide

This guide describes the basic features of your Motorola mobile phone.

To obtain another copy of this guide, see the Motorola Web site at:
www.hellomoto.com

A Quick Start Guide for this product is also available.

6.1.1 Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

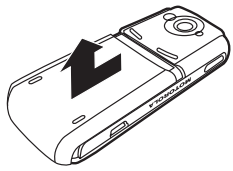
6.1.2 Optional Accessories

This label identifies a feature that requires an optional Motorola Original™ accessory.

6.2 Installing the USIM, SIM, or Memory Cards

Caution: Do not bend or scratch your card. Avoid exposing your card to static electricity, water, or dirt.

Your 3G USIM (Universal IC Card) contains your phone number, service details, and contacts list/message memory. Your phone can use GSM SIM (Subscriber Identity Module) cards, but not all features will be available.



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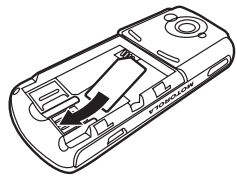

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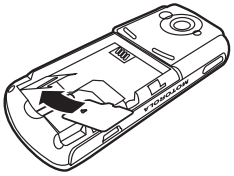

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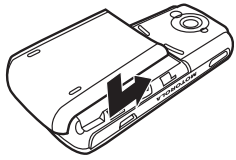


4

6.3 Memory Card

Insert the Memory Card next to the SIM card (see above) underneath the phone battery.

The Memory Card provides you with a larger storage capacity than the Phone Memory. When you download for example pictures, sounds, video clips or Java applications, they will be saved to the Memory Card.

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.*

To show the amount of free space on the Memory Card:.

Find the Feature > **Settings** > **Phone Status** > **Storage Devices**

Press	To
1	highlight the memory card
2	see the memory card information

When you look at a list of files in **My Files**, the icon next to it shows whether it is stored on your memory card or your internal memory.

= stored on internal memory

= stored on memory card

Note: *A key over the icon indicates that the file has a copyright lock that keeps you from saving it on external memory, forwarding it, or editing it.*

If you have a TransFlash removable memory card, the use of an SD adapter allows you to use it in other devices that are compatible with SD cards (for example, digital cameras, laptops, mp3-players).

6.4 User Memory

Your phone stores any content that you add, like ringtones or games, in *user memory*. Your service provider may store some content in user memory before you receive the phone.

6.5 Battery Tips

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

- Always use Motorola Original batteries and battery 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.

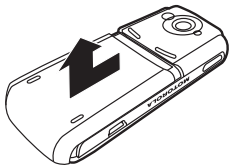
Contact your local recycling centre for proper battery disposal.

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

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

6.6 Installing the Battery

™ Your phone is designed to use only Motorola Original™ batteries and accessories.



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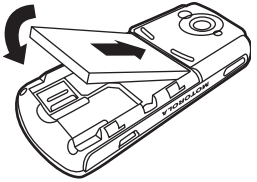

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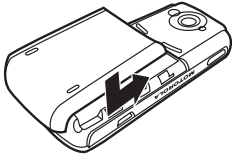

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6.7 Using Your Charger

The battery charger shipped with this device is specifically designed for use with Motorola 3G mobile phones. Other chargers might take longer to charge your battery or cause your calls to fail during charging.

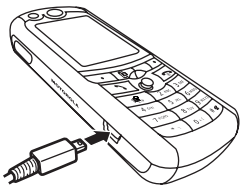
For best performance, please use the following charger kits with this device:

- SPN5202 Travel Charger EMU Rapid Switcher
  - With SYN7455A UK Plug or SYN7456A Euro Plug
- SYN0847 V700 EMU Vehicle Power Adapter

6.8 Charging the Battery

New batteries are shipped partially charged. Before using your phone, please install and **fully charge the battery as described below**. Some batteries perform best after several full charge/discharge cycles.

Action	
1	Plug the charger into your phone.

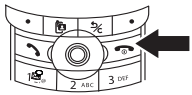


2	Plug the other end of the charger into the appropriate electrical outlet.
3	When your phone indicates **Charge Complete**, press the release tab and remove the charger.

Tip: You can safely leave the charger connected to your phone after charging is complete. This will not damage the battery.

6.9 Turning Your Phone On

Action	
1	Press and hold for 2 seconds or until the display turns on.

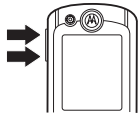


2	If necessary, select whether to start in **Flight Mode** or not. See “Flight Mode” on page 89 for more details.
3	If necessary, press to scroll to the User Account you want. Then press the **Select** key to select the account from the list (stored on the SIM card).
4	If necessary, enter your SIM card PIN code and press the **Ok** key to unlock the SIM card. **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
5	If necessary, enter your four-digit unlock code and press **Ok** key to unlock the phone. **Tip:** The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

Action	
6	To turn off your phone at any stage, press and hold the for 2 seconds.

6.10 Adjusting Volume

Press the up or down volume keys to:



- increase or decrease earpiece volume during a call
- increase or decrease speakerphone volume during a call
- turn off an incoming call alert
- increase or decrease the ringer volume setting when the home screen is visible

  Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

6.11 Making a Call

To make video calls, see page 35.

Press		To
1	keypad keys	dial the phone number
2		make the call
3		end the call and “hang up” the phone when you are finished

Note: *You can make an emergency call even when the phone is locked, or when a SIM card is not inserted (see page 67).*

6.12 Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Press		To
1		answer the call
	or	
	Divert or	divert the call to your voicemail or call divert number, as though your line was busy

Press	To
2	end the call and “hang up” the phone when you are finished

6.13 Changing the Call Alert

To set your **Ring Style**, press ◆ > **Ring Styles** or **Settings** > **Ring Styles** (see page 59).

Shortcut: In the home screen, press the down volume key to switch the alert for incoming calls and other events to vibrate alert, then silent alert. Press the up volume key to reset ring alert.

Shortcut: Press and hold # to quickly change to silent style. Press and hold # again to change back to previous ring style.

6.14 Viewing Your Phone Number

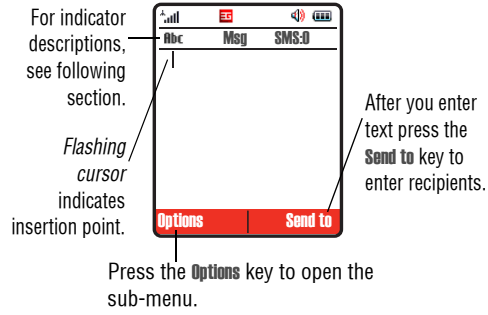
To view your phone number from the home screen, press *# #.

While you are on a call, press **Options** > **My Tel. Numbers**.

Note: *Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 59. If you do not know your phone number, contact your service provider.*

6.15 Entering Text

Some features require you to enter information. The message centre lets you compose and send text messages.



6.15.1 Choosing a Text Entry Mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The mode you select remains active until you select another mode.

Press # in any text entry screen to select one of the following entry modes:

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

6.15.2 Setting Up a Text Entry Mode

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

iTAP	Let the phone predict each word as you press keys (see page 23).
Tap	Enter letters and numbers by pressing a key one or more times.
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.
None	Hide the Secondary setting (only available for Secondary Setup).

Using Capitalisation

Press 0 in any text entry screen to change text case. The following indicators show capitalisation status:

abc = no capital letters

Abc = capitalise next letter only

ABC = all capital letters

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Second.	
1	2	Tap, no capital letters
1⇧	2⇧	Tap, capitalise next letter only
1⇧	2⇧	Tap, all capital letters
i1	i2	iTAP, no capital letters
i1⇧	i2⇧	iTAP, capitalise next letter only
i1⇧	i2⇧	iTAP, all capital letters

Two other indicators identify **Numeric** (**123**) or **Symbol** (&) entry modes.

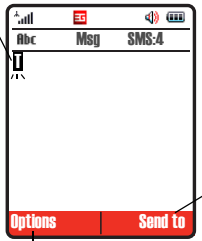
6.15.3 Using Tap Mode

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

Regular **Tap** mode cycles through the letters and number of the key you press. **Tap Extended** also cycles through additional symbols as shown in the chart on page 23.

Press		To
1	A keypad key one or more times	select a letter, number, or symbol
2	keypad keys	enter remaining characters **Tip:** Press ·◌· right to accept a word completion, or ✱ to insert a space.

In a text entry screen, you can press # to switch entry mode. If you don't see **Abc1** or **Abc2** then press **Options** > **Text Setup** to set tap mode as your primary or secondary text entry mode.



Block cursor indicates highlighted character. After 2 seconds, character is accepted and cursor moves to next position.

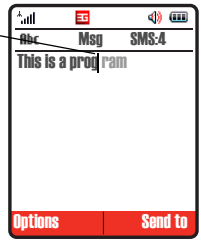
Press to delete character to left of insertion point.

Press the **Send to** key to enter the recipient.

Press the **Options** key to open the sub-menu.

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.

When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:



Flashing cursor indicates insertion point.

Press right to accept **program**, or press to reject it and enter a space after **prog**.

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

- Press left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. If necessary, press down to force the character to lowercase before the cursor moves to the next position.
- If you enter or edit information and do not want to save the changes, press to exit without saving.

Character Chart

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

1	. ? ! , @ ' - _ : ; ( ) & ` " ~ 1 0 ¿ ¡ ^ % £ $ ¥ ¤ € + x * / \ | [ ] = > < # §
2	a b c 2 á à â ä ã ç
3	d e f 3 é è ê ë
4	g h i 4 í î ï
5	j k l 5
6	m n o 6 ñ ó ò ô ö õ œ
7	p q r s 7
8	t u v 8 ú ù û ü
9	w x y z 9
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 address or URL editor,* 1 *first shows common characters for that editor.*

6.15.4 Using iTAP™ Mode

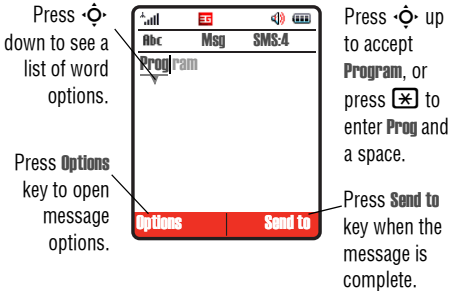
Press # in a text entry view to switch to iTAP mode. If you don't see 1 or 2, press **Options** > **Text Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP™ software provides a predictive text entry mode that lets you enter a word using one keypress per letter. This can be faster than **Tap**, because your phone combines the keypresses into common words.

Tip: Your phone has a text tutorial which should help you with any problems..

Find the Feature **Options** > **Text Setup** > **Text Tutorial**

For example, if you press 7 7 6 4, letter combinations that match your key presses display:



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

In a text entry screen, you can press # to switch entry modes. An indicator shows which mode is active (see page 21). If **iTAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 20.

Press		To
1	keypad keys (one press per letter)	show possible letter combinations If alternative combinations are available then an arrow appears below the letters.
2	·Ô· up or down	go to the previous or next available predicted words Press and hold ·Ô· up or down to display a popup window showing the next four predicted words. You can scroll up and down through this list and then press **Select** to accept the highlighted word.
3	·Ô· right	accept the predicted word

Press	To
4 ·Ö· left	move the cursor back one letter
5 ·Ö·	select a word
	You can press keypad keys to add more letters to the end of the combination.
or	
*	enter the highlighted combination when it spells a word
	A space is automatically inserted after the word.

If you enter a word your phone does not recognise, the phone stores it to use as one of your word options. When you fill memory space for unrecognised words, your phone deletes the oldest words to add new words.

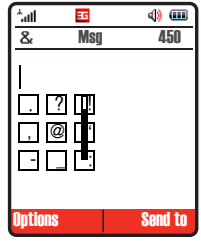
6.15.5 Using Numeric Mode

In a text entry screen, press # to switch entry modes until the 123 (Numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press # to switch to another entry mode.

6.15.6 Using Symbol Mode

In a text entry screen, press # to switch entry modes until the & (Symbol) indicator displays.



Press	To
1 ·Ö· left, right, up or down	highlight the symbol you want
2 ·Ö· down	view more symbols

Press	To
3 ·●· or the corresponding number key	enter the highlighted symbol
*	enter a space (hold to enter a return)
#	change text entry mode (hold for default)

6.15.7 Deleting Letters and Words

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

Action
Press C to delete the last letter.
Press and hold C to clear the entire message.

6.15.8 Copying, Cutting, and Pasting Text

From a text entry screen:

Find the Feature Options > Editing Options

Option	Description
Copy Text	Copy the text you are about to highlight (see “Highlighting Text” on page 27).
Cut Text	Cut the text you are about to highlight (see “Highlighting Text” on page 27).
Copy All Text	Copy all text in the editor.
Cut All Text	Cut all text in the editor.
Paste	Paste the text you cut or copied.
Delete	Delete the selected text.
Undo	Undo the last copy, cut, or paste in the current text editor.

Note:

- Paste *only displays once you have cut or copied some text.*
- Undo *only displays once you have cut, copied or pasted some text.*
- Copy All Text *also displays in the menu (press* Options*) when you are viewing details for a* Contacts *entry,* Calendar *event,* Vodafone Live! *page, text message, or* Call Log *entry.*

Highlighting Text

In a text editor, to highlight and copy or cut text:

Find the Feature **Options** > **Editing Options** > **Copy Text** or **Cut Text**

Press	To
1 ·☼·	scroll to the beginning of the text you want to copy or cut
2 **Start** key	turn on the highlighting marker
3 ·☼·	scroll to the end of the text you want to copy or cut
4 **Copy** key **or** **Cut** key	copy or cut the text you selected You can now paste the text in another location or file.

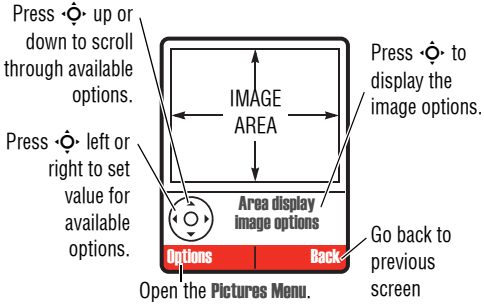
Text remains on your clipboard, available to paste, until you copy or cut other text or until you turn off your phone.

You can do much more with your phone than make and receive calls! This section describes your phone's camera and video camera features.

7.1 Taking and Sending a Photo

To activate your phone's camera, press the camera key on the bottom right of your phone (see page 1 for exact location), or select the camera icon on the main menu.

The active viewfinder image displays.



Point the camera lens at the photo subject.

Press		To
1	or the camera key	take a photo **Tip:** Press * to turn the light on or off
2	Options > Store Only **or** Options > Send or Send key **or** Options > Discard	store the photo send the photo in a message delete the photo and return to active viewfinder

Note: *If you select* **Store Only** *you can select* **Print and Store** *to print the picture over a Bluetooth connection, see page 42.*

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

Option	Description
Go To Pictures	View pictures and photos stored on your phone.
Go To Video Mode	Capture and view videos stored on your phone.
Internal View/ External View	Switch between the internal (self-portrait) and external cameras.
Light On/Off	Turn the flash on and off.
Auto-Timer	Set a timer for the camera to take a photo.

Option	Description
Camera Setup	Open the setup menu to adjust picture and video settings. **Resolution**: Set camera resolution to **MMS** (160x120 pixels), **Medium** (320x240 pixels) or **High** (640x480 pixels). **Quality**: Set the quality of the picture. **Shutter Tone**: Activate a tone that sounds when you take a photo (can be set to **None**, **Chimp**, **Quack**, **Flix**, **Boing**, or **Click**). **Mirror**: Switch between the internal and external camera.
Switch Storage Device	Choose to store and see pictures on your phone or memory card. ***Note:*** **High** *resolution photos can be stored only on your memory card.*
View Free Space	View memory space available for storing pictures.
Exposure	Adjust exposure of the picture.

Tip: To assign a stored picture to a contact entry, open the entry and press **Options** > **Edit** > **Customise** > **Picture**. You cannot assign pictures to entries stored on your SIM card.

7.2 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.

7.2.1 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 copyright lock that keeps you from forwarding them.*

To download a picture from Vodafone live!, see page 47. To store a picture from a message, see page 74.

7.2.2 Viewing and Managing Pictures

Note: *Some files might have a copyright lock that keeps you from saving them on external memory, forwarding them, or editing them.*

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

Find the Feature ◆ > **My Files** > **Pictures**

Press		To
1	◆ up or down	scroll to the picture
2	◆	view the picture Press and hold ◆ to go to full screen view. Press and hold ◆ to return to normal view.
3	◆ **or** **Options**	view the next/previous picture open the **Pictures Menu** to perform other options

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

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

Option	Description
Send	Insert selected picture in a new message.
Apply As	Set the picture as your phone's **Wallpaper** or **Screen Saver**, or a **Picture Caller ID**.
Create New	Capture a new picture or create an album of stored pictures.
View	**Details**: View picture information. **View Free Space**: View memory space available for storing pictures.
Manage	Select from **Rename**, **Delete**, **Move** or **Copy To** for the current picture.
Mark	**Current**: Mark the current picture to move, copy, assign or delete it. **All**: Mark all pictures to move, copy, assign or delete them.
Categories	Set up categories for grouping your pictures.
Assign to Category	Assign the current picture to a category. ***Note:*** *This option is only available if you have created a category.*
Pictures Setup	Open the setup menu to adjust picture and video settings.

Note: **Send**, **Manage** *and* **Mark** *are only available for photos you have taken or pictures you have downloaded.*

7.3 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 already saved to your phone. You can also include a personal greeting to the postcard.

Find the Feature

> **Messaging** > **Create Message** > **New live! Postcard**

or > **Contacts** > **As Postcard**

or > **My Files** > **Pictures** **Options** > **As Postcard**

7.3 Sending a Postcard

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

Please note that the various 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 the Feature ◆ > **Messaging** > **Create Message** > **New live! Postcard**

Press	To
1 **Options** > **Insert**	choose a picture to send
2 keypad keys	enter your greeting text ***Note:*** *The maximum length for the greeting text is 200 characters.*
If the intended recipient already contains complete address information in the contacts, do the following:	
3 **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 "Inserting a new address entry" on page 33 for inserting a new address entry.*
4 ◆ up or down	scroll to the name of the person you wish to send the postcard to
5 ◆ centre key	select the recipient's name ***Note:*** *You can select more than one recipient for your postcard.*
6 **Send**	send the postcard when you have inserted the picture and the recipient(s) address(es)

7.3.1 Inserting a new address entry

If your **Contacts** does not have the intended recipient's address, insert a new address by selecting **Address** and then **Options** > **Enter Address**. Define the following information:

Option	Description
First Name:	enter the recipient's first name (mandatory)
Last Name:	enter the recipient's last name (mandatory)
Additional Information:	enter any other information
Address:	enter the house name or number and street name (mandatory)
City:	enter the city name (mandatory)
State:	enter the state name (optional)
Postal Code:	enter the postal code (optional)
Country:	enter the country name (optional)

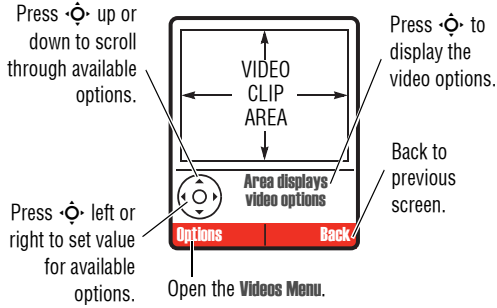
Once you have entered all mandatory fields, press **Done**. Press **Send** to send the postcard.

7.4 Recording Video Clips

To record a video on your phone:

Find the Feature > **Video**

The active viewfinder image displays.



Note: *The number of clips remaining is only an estimate.*

Point the camera lens at the video subject, then:

Press		To
1	·◆· or the camera key	start the video **Tip:** You can press the **Pause** key to pause video capture.
2	**Stop** key	stop the video
3	**Options** > **Store Only** **or** **Send** key **or** **Options** > **Discard**	to store the video To play a stored video, see page 34. to send the video in a message delete the video and return to active viewfinder

Press **Options** to open the **Videos Menu** when the camera is active. The menu can include the following options:

Option	Description
Go To Videos	View videos stored on your phone.
Internal View/ **External View**	Switch between the internal (self-portrait) and external cameras.
Videos Setup	Open the setup menu to adjust picture and video settings.
View Free Space	See how much memory remains for storing videos.

7.5 Using Video Clips

You can download video clips with Vodafone live!, and receive video clips in multimedia messages.

7.5.1 Downloading Video Clips

To download a video clip with Vodafone live!, see page 47. To store a video clip from a message, see page 74.

7.5.2 Viewing and Managing Video Clips

To play a video clip stored on your phone:

Find the Feature > **My Files** > **Videos**

Press	To
1 up or down	scroll to the video clip
2	start video clip playback

During video clip playback, press **Options** to open the **Videos Menu** to perform various operation on the video:

Option	Description
Play Full Screen	Stretch the video to fill the display.
Send	Insert selected video in a new message.
New Video	Capture a new video.
View	**Details**: View video information. **View Free Space**: View memory space available for storing videos.
Manage	Select from **Rename**, **Delete**, **Move** or **Copy To** for the current video.
Mark	**Current**: Mark the current video to move, copy, assign or delete it. **All**: Mark all videos to move, copy, assign or delete them.
Videos Setup	Open the setup menu to adjust video settings.

7.6 Making Video Calls

With your phone you can make a video call to someone else who has a video phone and see each other while you talk. Please note that both parties participating in the video call have to be on the 3G network and in the 3G coverage area.

7.6.1 Making a Video Call

A quick guide to making a video call:

Press	To
1 keypad keys	dial the phone number
2	make the call
3	end the call and “hang up” the phone when you are finished

Options During an Active Video Call

Swapping Views

Press	To
Swap View	swap between the primary and the secondary video area during a video call

During an active video call, there are two video areas on your phone display. The primary video area shows your image (or the selected **Camera Off Image**) and the secondary video area shows your recipient's image. You can swap between the video areas to place your image onto the secondary video area, and the recipient's image onto the primary video area.

Selecting Applications

Press	To
Select App	access other applications during a video call

During an active video call, you can access other applications, such as **Contacts**, **Calendar**, **My Files** or **Vodafone live!**.

You can also send and receive messages during a video call, or start a new video call.

Video Call Menu

Find the Feature **Options** > **Video Call Menu**

Some of the options accessed from the **Video Call Menu** during an active call include the following:

Press	To
Select Application	access applications during an active call, such as **Contacts**, **Calendar** or **Vodafone live!**
Camera On/Camera Off	change whether you want the Camera to be on or off
External View/Internal View	If the Camera is on, select the view from which the image is captured.
Hold/Resume	If the Camera is off, put audio on hold to be able to e.g. change different image as your **Camera Off Image**. Select **Resume** to return to the **Video Call Menu**.

Press	To
Audio Mute/Unmute Audio	stop sending video image temporarily. Select **Unmute Audio** to resume sending the video image
Swap View	change between the primary and secondary video area on your phone display
Brightness/Contrast	adjust the brightness/contrast level of the display. This does not affect the outgoing video image.
Setup	set up camera settings: **Mirror**: Camera captures a "mirror" image (only applicable in **Internal View**) **Status Icons**: Turn status icons **On**/**Off** in the viewfinder **Lighting Conditions**: Setup the display: **Automatic**, **Sunny**, **Cloudy**, **Indoor**, or **Night**

7.6.2 Recording a Video Call

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

You can record a video call as a video clip. During a video call:

Press	To
1 **Options** > **Record**	start recording the call Your phone displays **Recording**. It records incoming video and incoming and outgoing audio.
2 **Options** > **Stop**	stop recording and store the video clip The recording stops automatically if the call ends or you reach your video capture or memory limit. To view the video clip see page 34.

Note: *Video recording requires video compatibility with the other caller's video phone.*

You can store, send, and play music, videos, and other media files on your phone.

8.1 Downloading Media Files

To download music files:

Find the Feature > **My Files** > **Sounds** > **Download Music**

To download **other media**, follow the instructions above but replace **Sounds** with the type of media you want.

8.2 Playing or Viewing Media Files

To play music:

Find the Feature > **My Files** > **Sounds** and select the file you want to play

For more about playing music files, see page “Audio Player” on page 39.

To play or view other media, follow the instructions above but replace **Sounds** with the type of media you want.

Tip: You can listen to tunes on your way. Use *flight mode* to make your phone safe to use even while you’re on a plane. See page 89.

8.2.1 Viewing a full screen picture

To view a picture without any icons or soft keys showing on the screen:

Press	To
and hold	view as full screen
up or down	scroll through all the pictures as full screen
and hold	return to normal view

8.3 Sending Media Files

To send music:

Find the Feature > **My Files** > **Sounds**

Highlight the file you want to send and press **Options** > **Send** > **in Message**.

To send other media, follow the instructions above but replace **Sounds** with the type of media you want.

8.4 Audio Player

You can't use the audio player with a USB cable connected to your phone.

Find the Feature > **My Files** > **Sounds** select the file you want to play

Press	To
left	go to the previous file
right	go to the next file
down	stop
up	continue playing

Press up or down to highlight an option:

Option	Description
Send	Copy the file to **My Album**.
Apply as Ringtone	Use as your phone's ringtone.
New	Create a new playlist.
View	**Details**: View the sound file's information. **View Free Space**: View memory space available for storing sounds.
Manage	**Copy To**: Copy file to another location. ***Note:*** **Manage** *is only available for files that are not copyright locked.*
Mark	**Current**: Mark the current sound file to move, copy, assign or delete it. **All**: Mark all the sound files to move, copy, assign or delete them.
Sounds Setup	Open the setup menu to adjust sound settings.

Option	Description
Use Bluetooth	Use a Bluetooth device to listen to the music.
Hide	Plays music in the background.

To download songs to your phone, see page 48. To copy files between your phone and a computer, see page 43.

Note: *Your phone cannot play music files that have a bit rate higher than 192 kbps. If you try to download or play one of these files, your phone might show you an error or ask you to delete the file.*

8.5 Digital Audio Player

Your phone can play song files:

Find the Feature > Entertainment > Digital Audio Player

Use ·◌· to scroll up or down through the menu. Press ·●· to select an option. Use ·●· to scroll up or down through options. Press ·●· to select an option. Press the appropriate key of the ·◌· to choose a function of the audio player: play ▶, pause ❚❚, stop ■, previous ⏮, next ⏭, repeat, shuffle, and visualiser on/off.

Tip: Once a song is chosen, you can go to Options to set the repeat or shuffle function.

Press to stop the player, or press ·●· > My Files > Sounds and select the file you want.

Press ·◌· up or down to highlight an option:

options	
Playlists	Create or play a playlist of songs.
Artists	Select an artist to show or play their songs.
Albums	Select an album to show or play its songs.

options	
Songs	Show and play individual songs. ***Note:*** *All of your phone's songs appear in the* Songs *list. Some songs do not have any* Artist, Album, *or* Genre *information stored, so they don't appear in those lists.*
Genres	Select a type of music to show or play songs.
Help	Show instructions on how to use the audio player
About	Show audio player version information

To download songs to your phone, see page 48. To copy files between your phone and a computer, see page 43.

Note: *Your phone cannot play MP3 files that have a bit rate higher than 192 kbps. If you try to download or play one of these files, your phone might show you an error or ask you to delete the file. Metadata information is* ***not*** *supported for* ***MP4*** *formatted files."*

Your phone also has a Sounds player that can play songs and ring tones, but it cannot store playlists or other song information. To use the Sounds player, press > My Files > Sounds and select the file you want to play.

8.6 Connecting Your Phone to Another Device

You can connect your phone to a computer or hand-held device using a USB cable or a Bluetooth connection.

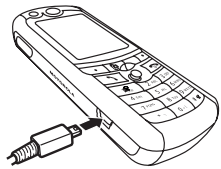
Note: *Not all devices are compatible with all types of connections. Check your external device for specifications. The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.*

To make data calls through a connected computer, see page 85.

8.6.1 Setting Up a Cable Connection

Attach a Motorola Original™ USB cable to the phone and external device as follows.

Note: *Check your computer or hand-held device to determine the type of cable you need.*

Action	
1	Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you. 
2	Plug the other end—the USB connection—into the USB port on the device.

8.6.2 Setting Up a Wireless Connection

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

Turning Bluetooth Power On or Off

Find the Feature > 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.

Once you connect your phone to a Bluetooth device, your phone "recognizes" that device in the future. If a recognized device starts a Bluetooth link with your phone, the Bluetooth status icon appears at the top of your display.

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.*

Pairing With a Headset or Handsfree Device

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

Find the Feature > **Connectivity** > **Bluetooth** > **Audio Devices** > [**Look For Devices**]

Your phone lists the devices it finds within range. Highlight a device in the list and:

Press		To
1	**Select**	select the device
2	**Yes** or **Ok**	pair with the device
3	keypad keys	enter the device passkey (such as 0000) if necessary, and then press the **Ok** key

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

Shortcut: After you paired with a device, you can pair with it again by pressing **Options** > **Use Bluetooth** during a phone call or while playing a sound file.

Note: *You can't play some copyrighted files over a Bluetooth connection.*

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

Copying Objects to Another Device

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

Note: *You cannot copy a copyrighted object.*

1. Highlight the object on your phone that you want to copy to the other device.
2. Press **Options** and select **Copy** (for media objects), **Send** (for calendar events), or **Share Contact Entry** (for contact entries).

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

Sending Objects to a Printer

You can use Bluetooth pairing to send a picture, message, phonebook entry or datebook view from your phone to a printer.

Note: *You can print A4 or US Letter size pages. To print another size, copy the object to a linked computer and print it from there. You can't print* **Quick Notes**, **MMS Templates**, *or a phonebook* **Mailing List**.

Tip: After you capture a picture in the camera, you can press the **Store** key and select **Print and Store**.

1 Highlight the object on your phone that you want to print

2 Press **Options** > **Print**. In the **Calendar**, you can print the month, week or day.

3 If available, choose additional objects or print options.

4 Select a recognised printer name listed in the **Printers** menu, or [Look For Devices] to search for the device to which you want to send the object.

Advanced Bluetooth Features

A device is recognised after you pair with it once (see page 42).

Features	
Make phone visible to other device	Allow another Bluetooth device to discover your phone: > **Connectivity** > **Bluetooth** > **Find Me**
Pair with recognised device	Pair your phone with a recognised handsfree device: > **Connectivity** > **Bluetooth** > **Audio Devices** > device name
Drop pairing with device	Highlight the device name and press the **Drop** key.

Features	
Switch to recognised device during call	During a call press **Options** > **Use Bluetooth** to switch to a recognised headset or car kit. Your phone connects automatically, or shows a list of devices you can select.
Play sound files on a recognised headset	While playing a sound file press **Options** > **Use Bluetooth** to switch to a recognised headset. Your phone connects automatically, or shows a list of devices you can select. ***Note:*** *You cannot play some copyrighted files over a Bluetooth connection.*

Features	
Move multimedia object to device	Move a multimedia object to another device. Highlight the object, press **Options** > **Move**, select the device name. **Caution:** Moving an object deletes the original object from your phone.
Edit device properties	Edit the properties of a recognised device. Highlight the device name, press the **Edit** key. ***Note:*** *The* **Access** *setting can restrict how this device connects to your phone. You can choose* **Automatic** *(always connects),* **Always Ask** *(asks you before connecting),* **Just Once**, *or* **Never**.
Set Bluetooth options	Highlight the device name, press > **Connectivity** > **Bluetooth** > **Setup**

8.7 Connecting a Memory Card to your computer

For details on installing a memory card see “Memory Card” on page 14.

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:

1 Press ⊕ > **Connectivity** > **USB** > **Memory Card**. This directs the USB connection to your memory card.

2 Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer.

Then follow these steps:

On your computer:

1 Open your “My Computer” window, where your phone’s memory card shows as a ‘Removable Disk’ icon.

2 Click on the ‘Removable Disk’ icon to access the files on your phone’s memory card.

3 To store the desired files onto the memory card, drag and drop them as follows:
music files**:** > mobile > audio
screen savers: > mobile > picture
wallpapers: > mobile > picture
video clips: > mobile > video

4 When you finish, remove the device by selecting the ‘Safely Remove Hardware’ icon in the system tray at the bottom of your computer screen. Then select ‘USB Mass Storage Devices’ and ‘Stop’.

5 Select ‘USB Mass Storage Device’ then ‘OK’.

On your phone:

To return to Data as your USB default connection, press

⊕ > **Connectivity** > **USB** > **Data Connection**

9.1 Vodafone live!

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

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

Find the Feature

Press live! to connect

or

> **Vodafone live!**

> **Vodafone live!**

You have the following options while browsing:

Option	Description
Enter URL	Go to a requested page.
Shortcuts	View a list of shortcuts you have created.
Saved Pages	View a list of pages you have saved.
History	View a list of recently viewed pages.
Browser Settings	Change Vodafone live! settings.

You can also download pictures, videos, ringtones and games from Vodafone live! and install them on your phone.

The Vodafone live! service allows you to access Web pages and Web-based applications on your phone. If necessary, please contact Vodafone to configure your phone.

Your phone will use a 3G connection when available, bringing improved quality, sound, pictures and videos, as well as increased speed when downloading games and ringtones. This connection is indicated by a 3G indicator.

Alternatively, your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a G (GPRS) indicator in the home screen that disappears when you start Vodafone live!.

If you see an (in-call) indicator during a Vodafone live! 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 Vodafone live! automatically.*

9.1.1 Starting Vodafone live!

Press		To
1	live!	start Vodafone live!
	or	
	Press ·◆· > **Vodafone live!** > **Vodafone live!**	
2	·◆· up or down	scroll to a shortcut, service or application
3	**Select** key	select the item

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press ·◆· > **Go To** to launch Vodafone live! and go directly to the URL.

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

9.1.2 Interacting With Web Pages

Press	To
·◆· up or down	scroll through text, or highlight a selectable item
Select key	select the highlighted item
keypad keys, followed by the **Ok** key	enter information **Tip:** If you make a mistake, press C to delete the last letter, or press and hold C to clear all letters.
Back key	go back to the previous page
Options	open the **Browser Menu**

9.1.3 Downloading Objects From a Web Page

You can download pictures, sounds, or other objects from a Web page by selecting the link. You can store media objects on your phone, and use them as wallpaper images, screen saver images and event alerts.

Note:

- *The files that you download or receive as attachments might have a copyright lock that keeps you from forwarding them.*
- *If you receive a call during the download, press the* **Swap** *key to answer the call without ending the download.*
- *To end a download in progress, press* .

9.1.4 Running Vodafone live! in the Background

Some phones are set up to run Vodafone live! 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 Vodafone live! Messages

Find the Feature > **Messaging** > **Browser Messages** **Options** > **Browser Message Setup** > **Service**

Option	Description
Off	Stop all Vodafone live! messages.
Receive All	Allow all Vodafone live! messages.
Restricted	Allow only Vodafone live! messages from your service centre number.

9.2 Live Cast

This feature may not be available in all countries.

Live Cast sends news headlines to your phone. If you are interested in the item, you can click on the headline to view the full article with the browser.

If there are no new messages then the headlines are hidden. You can press the **Live Cast** key to make them appear. They automatically reappear when a new headline is received.

9.2.1 Turning Live Cast On and Off

Find the Feature > Settings > Personalise > Home Screen > Live Cast > Switch On/Off

Note: *When you turn off Live Cast you may also be asked if you want to turn off cell broadcast. If you do this, then when you reactivate Live Cast you also need to confirm that you want to turn cell broadcast back on.*

9.2.2 Setting Up Live Cast

You can set up Live Cast to suit your requirements.

Setting Ticker Speed

Set the speed at which the incoming headlines scroll across your screen.

Find the Feature > Settings > Personalise > Home Screen > Live Cast > Ticker Settings

Selecting Channels

Choose the channels that send you headlines.

Find the Feature > Settings >Personalise > Home Screen > Live Cast > Edit Channel List

Selecting Number of Messages

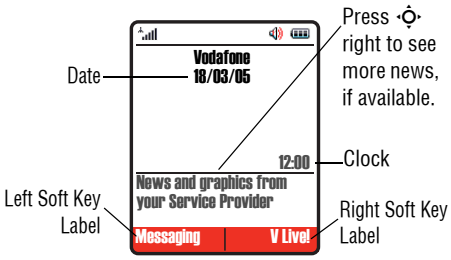
Select how many messages are displayed on the home screen.

Find the Feature > Settings > Personalise > Home Screen > Live Cast > Number of Messages

See page 1 for a basic phone diagram.

10.1 Using the Display

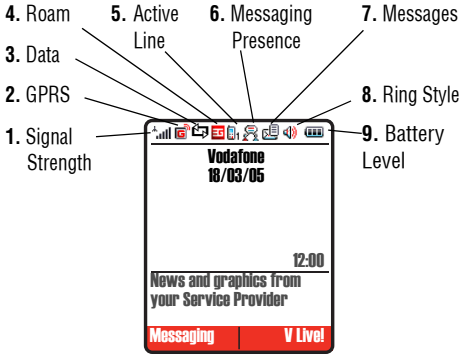
The *home screen* is displayed when you are *not* on a call or using the menu. You must be in the home screen to dial a phone number. To dial a number from the home screen, press the number keys and .



Note: *Your home screen may look different from the display shown above, depending on your service provider.*

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key or right soft key to perform the function indicated by the left or right soft key label. For soft key locations see page 1.

The following status indicators can display:



1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the (no signal) indicator or (no transmit) indicator is displayed.

2. GPRS Indicator

Shows that your phone is using a high-speed General Packet Radio Service (GPRS) network connection. GPRS allows faster data transfer speeds. Indicators can include:

= GPRS PDP context activate

= GPRS attach

= GPRS packet data available

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

= 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 another network outside your home network. Indicators can include:

= 3G home

= 3G roam

= 2.5G home

= 2.5G roam

= 2G home

= 2G roam

5. Active Line Indicator

Shows to indicate an active call, or to indicate when call diverting is on. Icons for dual-line SIM cards can include:

= line 1 active

= line 2 active

= line 1 active, call divert on

= line 2 active, call divert on

6. Messaging Presence Indicator

Shows when Instant Messaging (IM) is active. Indicators can include:

= IM active

= invisible to IM

= busy

When a Java application is active, can display here.

7. Message Indicator

Displays when you receive a new message. Indicators can include:

= text message

= voicemail message

= voice and text message

= IM message

8. Ring Style Indicator

Shows the ring style setting.

= loud ring

= soft ring

= vibrate and ring

= vibrate then ring

= vibrate

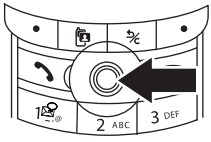
= silent

9. Battery Level Indicator

Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

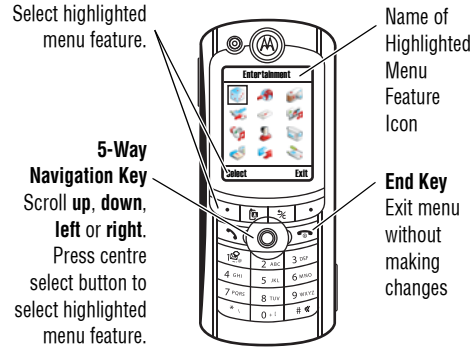
10.2 Using the 5-Way Navigation Key

Use the 5-way navigation key (·◆·) to scroll up, down, left, or right in the menu system. Press the centre of the key (·◆·) to select a highlighted menu item.



10.3 Using Menus

From the home screen, press ·◆· to enter the main menu.



Press ·◆· to scroll to and highlight a menu feature icon in the main menu. The following icons may display in the main menu, depending on your service provider and service subscription options.

Icon	Feature	Icon	Feature
	Entertainment		Digital Audio Player/ SIM Tool Kit
	Vodafone live!		Contacts
	Camera		Video
	Call Log		Organiser & Tools
	Messaging		Connectivity
	My Files		Settings

10.3.1 Selecting a Menu Feature

To select a menu feature, starting from the home screen:

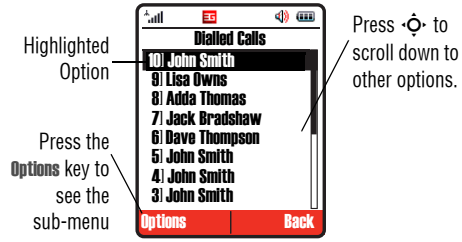
Find the Feature ·◆· > **Call Log** > **Dialled Calls**

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

Press the navigation key (·✣·) up, down, left or right to highlight items, and press it in (·◆·) to select items. Press the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

10.3.2 Selecting a Feature Option

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



- Press ·✣· to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.
- When an option has a list of possible values, press ·✣· left or right to scroll through and select a value.

- When an option has a list of possible numeric values, press a number key to set the value.

10.4 Using the Handsfree Speaker

When you activate your phone's integrated handsfree speaker, you can talk to the other party without holding the phone to your ear.

Press the **Speaker** key to turn the handsfree speaker on or off during a call.

When you turn the handsfree speaker on, your phone displays **Speakerphone On** in the home screen. The handsfree speaker remains on until you press the **Speaker** key again or turn the phone off.

Note: *The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.*

10.5 Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has not reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code or PIN2 code, if necessary. Your *Personal Identification Number* (PIN) code protects the information stored on your SIM card.

To change a code or password:

Find the Feature > **Settings** > **Security** > **New Passwords**

10.6 Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency calls on your phone even when it is locked (see page 67).

10.6.1 Locking Your Phone Manually

Find the Feature > **Settings** > **Security** > **Phone Lock** > **Lock Now**

Press		To
1	keypad keys	enter your unlock code
2	**Ok** key	lock the phone

10.6.2 Unlocking Your Phone

Your phone's unlock code is originally set to 1234. Many service providers reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press		To
1	keypad keys	enter your unlock code
2	**Ok** key	unlock your phone

10.6.3 Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On**

Press		To
1	keypad keys	enter your unlock code
2	**Ok** key	activate automatic lock

10.7 If You Forget a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Many service providers reset the unlock code to the last 4 digits of your phone number before you receive your phone.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

Press		To
1	⊙	display the unlock code *bypass* screen
2	keypad keys	enter your 6 digit *security code*
3	**Ok** key	submit your security code

If you forget your security code, SIM card PIN code or PIN2 code, contact your service provider.

10.8 Locking and Unlocking Your Keypad

You can lock your keypad to prevent accidental key presses. To lock your keypad, hold ⊛ for two seconds. To unlock it, press the **Unlock** key (right soft key) then ⊛.

Note: *Incoming calls and messages unlock the keypad.*

11.1 Storing Your Name and Phone Number

To store or edit your name and phone number information on your SIM card:

Find the Feature > **Settings** > **Phone Status** > **My Tel. Numbers**

Shortcut: Press [%] [#] from the home screen to view or edit your name and phone number.

Tip: If you want to see your phone number while you are on a call press **Options** > **My Tel. Numbers**.

If you do not know your phone number, contact your service provider.

11.2 Setting the Time and Date

Your phone uses the time and date for the **Calendar**.

Find the Feature > **Settings** > **Initial Setup** > **Time and Date**

To synchronise the time and date with the network, press > **Settings** > **Initial Setup** > **Time and Date** > **Autoupdate** > **On**.

To manually set the time and date, turn off **Autoupdate**, then, press > **Settings** > **Initial Setup** > **Time and Date** > *time* or *date*.

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

To turn the date on or off on your home screen, press > **Settings** > **Personalise** > **Home Screen** > **Date**.

11.3 Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 53).

To set a ring style:

Find the Feature > **Settings** > **Ring Styles** > **Style**: *style name*

Press		To
1	·Ö· up or down	scroll to the ring style
2	**Select** key	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press ·◆· > **Settings** > **Ring Styles** > *style* **Detail**.

- If you select the **Silent** ring style, your phone will not use **Auto Answer** (see page 84).
- Java™ applications can make your phone vibrate or light up. You can turn off **App Vibration** and **App Backlight** under ·◆· > **Settings** > **Java Settings**.
- To turn off alerts for messages that arrive during a call, select ·◆· > **Settings** > **In-Call Setup** > **Msg Alert** > **Not in Call**.

11.4 Setting a Wallpaper Image

You can set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image displays as a faint watermark in text and menu displays.

Your theme can set your wallpaper, see page 61.

When you set an animation as a wallpaper image, only the first frame of the animation displays.

Find the Feature ·◆· > **Settings** > **Personalise** > **Wallpaper**

Setting	Description
Picture	Select the picture or animation for the background image in your home screen, or **None** for no wallpaper.
Layout	Select: **Centre** to centre the image on the display **Tile** to repeat the image across the display **Fit-to-screen** to stretch the image across the display.

11.5 Setting a Screen Saver Image

The screen saver image displays when the phone is on and no activity is detected for a specified time period.

Your theme can set your screen saver, see page 61.

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

You can set a photo, picture, or animation as a screen saver image. The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

Find the Feature > **Settings** > **Personalise** > **Screen Saver**

Setting	Description
Picture	Select the picture or animation for your screen saver or **None** for no screen saver.
Delay	Select how long your phone must be inactive before the screen saver picture displays. ***Note:*** *If this setting is longer than your* **Display Timeout** *setting, then your display will turn off before you see the screen saver.*

11.6 Setting a Theme

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

To apply a theme, press > **My Files** > **Themes** > *theme*.

To create a theme, press > **My Files** > **Themes**, then press **Options** > **Create New**.

To edit a theme, press > **My Files** > **Themes**, highlight the theme, then press **Options** > **Edit**.

Note: *You cannot edit themes with (custom) after their names. The (custom) means that you changed a theme element (such as wallpaper) in another phone menu.*

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

Note: *You can delete only the themes you created or downloaded.*

11.7 Setting Display Appearance

To choose a phone **skin** that sets the look and feel of your phone's display.

Find the Feature > Settings > Personalise > Skins

Your theme can set your phone's skin see page 61.

To set your display brightness

Find the Feature > Settings > Initial Setup > Brightness

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Caution: The Continuous setting can decrease battery life.

Find the Feature > Settings > Initial Setup > Backlight

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

You can set the display to turn itself off when no activity is detected for a specified time period.

Find the Feature > Settings > Initial Setup > Display Timeout

11.8 Setting Answer Options

The Multi-Key option lets you answer incoming calls by pressing any key.

Find the Feature > Settings > In-Call Setup > Answer Options > Multi-key

For basic instructions on how to make and answer calls, see page 18.

12.1 Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off the alert

12.2 Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Note: *This feature is available only for dual-line-enabled SIM cards and is operator dependent.*

Find the Feature > **Settings** > **Phone Status** > **Active Line**

The active line indicator in the display shows the currently active phone line (see page 53).

12.3 Viewing Call Log

Your phone keeps lists of the calls you recently received and dialled, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

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

Find the Feature > **Call Log**

Press	To
1 up or down	scroll to **Received Calls** or **Dialled Calls**
2	select the list
3 up or down	scroll to an entry ***Note:*** *means the call connected.*
4	call the entry's number **Tip:** Press and hold for two seconds to send the number as DTMF tones during a call.

or

Press	To
	make a video call to the entry's number
or	
	view entry details
or	
Options	open the **Last Calls Menu** to perform various operations on the entry

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a contact entry with the number in the **No.** field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide Caller ID/ **Show Caller 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.

Option	Description
Attach Number	Attach a number from the **Contacts** or **Call Log** lists.
Send Tones	Send the number to the network as DTMF tones. This option displays only during a call.

12.4 Redialling a Number

Press	To
1	view the dialled calls list
2 up or down	scroll to the entry you want to call
3	redial the number

12.5 Using Automatic Redial

When you receive a busy signal, your phone displays **Number Busy**.

With automatic redial, your phone automatically redials the number. When the call goes through, your phone rings or vibrates one time, displays the message **Redial Successful**, and then connects the call.

To turn automatic redial on or off:

Find the Feature > **Settings** > **Initial Setup** > **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a busy signal and see **Number Busy**:

Press	To
or **Retry** key	activate automatic redial

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

12.6 Returning an Unanswered Call

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

Press		To
1	**View** key	see the received calls list
2	up or down	select a call to return
3		make the call

12.7 Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's notepad memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature > **Call Log** > **Notepad**

Press	To
	call the number

Press	To
or	
Options	open the Dialling Menu to attach a number or insert a special character

12.8 Putting a Call On Hold or Mute

Press	To
Options > Hold	put all active calls on hold

Press	To
Mute key (if available) or Options > Mute	put all active calls on mute

12.9 Using Call Waiting

When you are on a call or downloading a file, an alert tone sounds to indicate that you have received a second call.

Press		To
1		answer the new call
2	Switch key	switch between calls
	or	
	Link key	connect the 2 calls
	or	
	Options > End Call on Hold	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature > Settings > In-Call Setup > Call Waiting

12.10 Using Caller ID

12.10.1 Incoming Calls

Calling line identification (Caller ID) displays the phone number for incoming calls.

The phone displays the caller's name (and picture, if available) if the name is stored in your contacts, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive **Ringer ID** for specific entries stored in your contacts. For more information, see page 78.

12.10.2 Outgoing Calls

You can show or hide your phone number as an ID for the calls that you make.

While dialling (with digits visible in the display), press **Options** > **Hide Caller ID/Show Caller ID**.

12.11 Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 999, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted. Your service provider can program additional emergency numbers into your SIM card. *However, your SIM card must be inserted in your phone in order to use the numbers stored on it.* See your service provider for additional information on this issue.

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.*

Press		To
1	keypad keys	dial the emergency number
2		call the emergency number

12.12 Dialling International Numbers

Press and hold **0** to insert the local international access code (+) from which you are calling. Then press the keypad keys to enter the country code and number.

12.13 Calling With Speed Dial

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

You can set speed dial to call the entries in your phone's contacts list or Fixed Dial list.

Find the Feature > **Settings** > **Initial Setup** > **Speed Dial** > **Phone** or **Fixed Dial**

To add a new contact entry, see page 77 To edit the **Location Number** for a contact entry, press > **Contacts**, highlight the entry, and press **Options** > **Edit**.

12.14 Using Voicemail

Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

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

12.14.1 Listening to Voicemail Messages

Find the Feature > **Messaging** > **Call Voicemail**

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number, see page 69. If you don't know your voicemail number, contact your service provider.

12.14.2 Receiving a Voicemail Message

When you receive a voicemail message, your phone displays (voicemail message indicator) and **New Voicemail**.

Note: *The icon may vary depending on your service provider.*

Press	To
Call key	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

12.14.3 Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature > **Messaging**

Press		To
1	keypad keys	enter your voicemail number
2	**Ok** key	store the number

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 contact entry for it. Then, you can use the entry to call your voicemail. To store these characters in a number, see page 78.

13.1 Navigation Guide

Main Menu

Entertainment
- More Games
- Game 1
- Game 2
- Game 3
- [Install New]

Vodafone live!
- Vodafone live!
- Enter URL
- Bookmarks
- Saved Pages
- History
- Browser Settings
- What's New
- Games
- Ringtones
- Pictures
- News
- Sports

Camera

This is the standard main menu layout. Menu organisation and feature names may vary on your phone. Not all features may be available on your phone.

Call Log
- Received Calls
- Dialled Calls
- Notepad
- Call Timers
- Call Cost

Messaging
- Create Message
- Call Voicemail
- Inbox
- Email Inbox
- Browser Msgs
- Info Services
- Outbox
- Drafts
- Templates
- Vodafone Messenger
- Vodafone Mail

My Files
- Pictures
- Sounds
- Videos
- Themes
- Games

Digital Audio Player/SIM Tool Kit *

Contacts

Video

Organiser & Tools
- SIM Toolkit
- Alarms
- Calendar
- Calculator
- Bar Code Reader

Connectivity
- Bluetooth
- USB
- Sync

Settings
(see next page)

* optional features

Settings Menu

Personalise
- Home Screen
- Main Menu
- Voice Dial setup
- Greeting
- Wallpaper
- Screen Saver
- Skins
- Quick Dial

Ring Styles
- Style
- *Style Detail*

Diverts
- Voice Calls
- Video Calls
- Cancel All
- Diverts Status

In-Call Setup
- In-Call Timer
- Call Cost Setup
- My Caller ID
- Answer Options
- Call Waiting
- MSG Alert

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

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

Headset
- Auto Answer
- Ringer Options
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-off Delay
- Charger Time
- Switch On/Off

Flight Mode
- Flight Mode
- Prompt At Startup

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

Security
- Phone Lock
- Lock Keypad
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords

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

13.2 Feature Quick Reference

Please note that not all features may be available.

13.2.1 Calling Features

Feature	Description
Conference Call	During a call: > **Hold**, dial next number, press , press the **Link** key
Call Transferring	During a call: **Options** > **Transfer**, dial transfer number, press
Call Diverting	Set up or cancel call diverting: > **Settings** > **Diverts**
Call Barring	Restrict outgoing or incoming calls: > **Settings** > **Security** > **Call Barring**
Attaching a phone number	Dial an area code or a prefix for a contacts number then: **Options** > **Attach Number**
Speed Dialling	Speed dial a contacts entry: Enter the speed dial number, press #, then press . To add a contacts entry, see page 77. **Tip:** If you forget a contact's speed dial number, press > **Contacts**, highlight the entry, and press the **View** key.

13.2.2 Messaging

Feature	Description
Send Text Message	Send a text message: > **Messaging** > **Create Message** > **New Text Message**

Feature	Description
Send Voice Message	While you are creating a message select: **Options** > **Insert** > **Voice Record** 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 Postcard	Send a postcard: > **Messaging** > **Create Message** > **New live! Postcard**

Feature	Description
Read and Manage Messages	> **Messaging** > **Inbox** Icons next to each message indicate if it is read or unread. Icons can also indicate if the message is locked, urgent !, low priority ↓ or has an attachment. To set message options like **Lock** or **Delete**, highlight a message and press **Options**.
Send Quick Note Text Message	Send a quick note: > **Messaging** > **Templates** > **Text Templates** Scroll to a note and press the **Send** key.
Send Multimedia Message (MMS)	Send a multimedia message: > **Messaging** > **Create Message** > **New Multimedia Message**

Feature	Description
Use MMS Template	Open an MMS template with preloaded media: > **Messaging** > **Templates** > **Multimedia Templates** **Tip:** To rename a template you created, highlight it in this list and press **Options** > **Rename**.
Create MMS Template	Save an MMS message to use as a template: While editing a message, press **Options** > **Save as Template**. **Tip:** To download templates or other objects from a Web page, see page 88.
Insert Pictures and Other Objects	While editing a message: **Options** > **Insert** ***Note:*** *Some files might have a copyright lock that keeps you from forwarding them.*

Feature	Description
View Sent Messages	> **Messaging** > **Outbox**
Read Message	Read a new text or multimedia message that you have received: Press .
Reply to Message	While reading a message: **Options** > **Reply** **Tip:** To change the message type for your replies to MMS messages: > **Messaging** **Options** > **Inbox Setup** > **MMS Message Setup** > **Composing MMS** > **Reply Type**
Store Message Objects	Go to a multimedia message slide, or highlight an object in a message, then: **Options** > **Store**

Feature	Description
Set Up Text Message Inbox	Set up or edit the text message inbox settings: > **Messaging** **Options** > **Inbox Setup** > **Text Message Setup**
Browser Messages	Read messages received by your micro-browser: > **Messaging** > **Browser Msgs**
Info Services	Read subscription-based information services messages: > **Messaging** > **Info Services**

Feature	Description
Print Message Over Bluetooth® Connection	You can use a Bluetooth wireless connection to send a message from your phone to a printer. > **Messaging** > **Inbox**, **Email Inbox**, **Browser Msgs**, or **Info Services** Highlight the message you want to print and press **Options** > **Print**. ***Note:*** *You cannot print* **Quick Notes** *or* **Postcards**. For more about Bluetooth connections, see page 42.

13.2.3 Instant Messaging

Feature	Description
Log In	> **Messaging** > **Vodafone Messenger** > **Log In**

Feature	Description
Add Contacts	After you log in: Press **Options** > **Add Contact** and enter the contact's IM ID and nickname.
Find Others Online	After you log in: Select **Online Contacts** to see a list of others online.
Start Conversation	Highlight a name in **Online Contacts** and press the **Send IM** key.
Open Active Conversation	Highlight a name in **Conversations** and press the **View** key.
End Conversation	From the conversation view: **Options** > **End Conversation**
Log Out	Select **Log Out** from the **IM Online Menu**.
Create or Change IM Accounts	·◆· > **IM**, then press **Options** > **IM Account** Select an IM account or select **New** to create a new IM account.

13.2.4 Email

Feature	Description
Send Email Message	Send an email message: ·◆· > **Messaging** **Options** > **New Email**
Read Email Message	Read a new email message that you have received: Press ·◆·.
Read Old Email	·◆· > **Messaging** > **Email Inbox** Press **Options** to perform various operations on a message.
Set Up Email Inbox	Set up or edit the email inbox settings: ·◆· > **Messaging** **Options** > **Setup** > **Email Msg Setup**

13.2.5 Contacts

Feature	Description
Create Entry	Create a new contact entry: > **Contacts** > [**New Entry**] or **Options** > **Create New** > **Phone Contact**, **SIM Contact**, **Mailing List** or **Email List** **Shortcut:** Enter a phone number in the home screen then press the **Store** key to create an entry for that number. **Tip:** Some of your contacts may have more than one phone number, email address or URL. When creating a contact entry select **Add More** to store additional items for the same name. To enter a **Ringer ID**, **Picture** or **Birthday** press **Customise**. ***Note:*** *If you enter a* **Birthday**, *the* **Zodiac** *sign is entered. You can't manually enter the* **Zodiac** *sign.*
View All Entry Details	View all the phone numbers, email addresses or URLs associated with a contact. > **Contacts**, highlight the contact entry, press left and right to view the other details.
Dial Entry	Call a number stored in the contacts: > **Contacts**, highlight the contact entry, press to call **Shortcut:** In the contacts, enter the first letters of an entry name to jump to the entry. You can also press * and # to see the entries that you use frequently or entries in other categories.
Voice Dial Entry	To Voice dial a number stored in the contacts: From idle, press and hold then say the command when prompted.

Feature	Description
Edit Entry	Edit an entry stored in the contacts: · > **Contacts**, highlight the contact entry, then press · > **Options** > **Edit**.
Store a PIN Code in a Number	While entering the number: **Options** > **Insert** **Pause** waits for the call to connect, then sends the remaining digit(s). If your network does not recognise the first pause character, try two (**pp**). **Wait** waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s). '**n**' prompts you for a number before dialling the call. The number you enter is inserted into the dialling sequence in place of the **n** character.

Feature	Description
Set Ringer ID for Entry	Assign a distinctive ringer alert to a contact entry: · > **Contacts** > *entry* **Options** > **Edit** > **Customise** > **Ringer ID** > *ringer name* ***Note:*** *The* **Ringer ID** *option is not available for entries stored on the SIM card.* Activate ringer IDs: · > **Settings** > **Ring Styles** > *style* **Detail** > **Ringer IDs**
Set Picture ID for Entry	Assign a photo or picture to show when you receive a call from an entry: · > **Contacts** > *entry* **Options** > **Edit** > **Customise** > **Picture** > *picture name* ***Note:*** *The* **Picture** *option is not available for entries stored on the SIM card.*

Feature	Description
Set Picture ID View	Show entries as a text list, or with picture caller ID photos: > **Contacts** **Options** > **Setup** > **View by** > *view name*
Set Category for Entry	Set the category for a contact entry: > **Contacts** > *entry* **Options** > **Edit** > **Category** > *category name* ***Note:*** *The* **Category** *option is not available for entries stored on the SIM card.*

Feature	Description
Set Category View	Set a contacts category view: > **Contacts** **Options** > **Filter By** > **Category** > *category view* You can show entries in a predefined category, or entries in a category you create. **Shortcut:** To see other categories in **Contacts**, press * or #.
Create Category	Create a new category: > **Contacts** **Options** > **Manage Contacts** > **Edit Phone Categories** > [**New Category**]

Feature	Description
Set Category Ringer ID	Set a distinctive ring for calls from contact entries in a specific category: > **Contacts** **Options** > **Manage Contacts** > **Edit Phone Categories**. Scroll to entry, press **Options** > **Edit Category** > **Ringer ID**
Create Group Mailing List	You can put several **Contacts** entries in a group mailing list, then send a message to the list. To create a list: > **Contacts** **Options** > **Create New** > **Mailing List** ***Note:*** *You can have up to 25 names in a mailing list.* You can select the list name as an address for multimedia messages. ***Note:*** *A* **Mailing List** *cannot include entries stored on the SIM card.*

Feature	Description
Sort Contacts List	Set the order in which contact entries are listed: > **Contacts** **Options** > **Setup** > **Sort by** > *sort order* You can sort the contacts list by **First Name** or **Last Name**.
Copy Contacts Entry	Copy an entry from the phone to the SIM card, or from the SIM card to the phone. > **Contacts**, highlight the entry, press **Options** > **Copy to SIM Card** or **Copy to Phone**.
Copy Multiple Entries	Copy multiple contact entries between the phone and the SIM card. > **Contacts**, highlight one entry, press **Options** > **Select Multiple to** then select **Copy Phone to SIM** or **Copy SIM to Phone**.

Feature	Description
Send Contact Entry to Another Device	Send a contact entry to another phone, computer, or device: > **Contacts**, highlight the entry, press **Options** > **Send vCard**
Print Contacts Entry Over Bluetooth® Connection	You can use a Bluetooth® wireless connection to send a contact entry from your phone to a printer > **Contacts** Highlight the entry that you want to print, and press **Options** > **Print**. ***Note:*** *You can't print a* **Mailing List**. For more about Bluetooth connections, see page 42.
Speed Dial	Set speed dial to call entries stored in your phone memory contacts or the SIM card contacts: > **Settings** > **Initial Setup** > **Speed Dial**

13.2.6 Personalising Features

Feature	Description
Language	Set menu language: > **Settings** > **Initial Setup** > **Language**
Scroll	Set the highlight bar to stop or wraparound in lists: > **Settings** > **Initial Setup** > **Scroll**
Ring Style	Change the ring alert for an event: > **Settings** > **Ring Styles** > *style* **Detail** > *event name*
Activate Ringer IDs	Activate distinctive ring alerts assigned to contact entries and categories: > **Settings** > **Ring Styles** > *style* **Detail** > **Ringer IDs**
Reminders	Set reminder alerts for messages that you receive: > **Settings** > **Ring Styles** > *style* **Detail** > **Reminders**

Feature	Description
Headlines	If your home screen shows rolling headlines from your service provider you can turn them off: > **Settings** > **Personalise** > **Home Screen** > **Live Cast** > **Turn Off Headlines** In the **Live Cast** menu, you can also add or change headline channels.
Menu View	Display the main menu as graphic icons or as a text-based list: > **Settings** > **Personalise** > **Main Menu** > **View**
Menu Order	Reorder your phone's main menu: > **Settings** > **Personalise** > **Main Menu** > **Reorder**
Show/hide menu icons	Show or hide menu feature icons on the home screen: > **Settings** > **Personalise** > **Home Screen** > **Home Keys** > **Icons**

Feature	Description
Change Home Screen Nav Key Shortcuts	Change the features for the soft keys and navigation key in the home screen: > **Settings** > **Personalise** > **Home Screen** > **Home Keys**
Master Reset	Reset all options except unlock code, security code, and lifetime timer: > **Settings** > **Initial Setup** > **Master Reset**

Feature	Description
Master Clear	Erase all downloaded files and clear all settings and entries you made **except** SIM card information, 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 can't recover it.

13.2.7 Dialling Features

Feature	Description
DTMF Tones	Activate DTMF tones: > Settings > Initial Setup > DTMF To send DTMF tones during a call, just press the number keys. To send stored numbers as DTMF tones during a call: Highlight a number in the Contacts or Call Log lists, then press > Send Tones.

13.2.8 Call Monitoring

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

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

Feature	Description
Call Timer	View call timers: > **Call Log** > **Call Timers**
In-Call Timer	Display time or cost information during a call: > **Settings** > **In-Call Setup** > **In-Call Timer**
Call Cost	View call cost trackers: > **Call Log** > **Call Cost**

13.2.9 Handsfree Features

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	Description
Speakerphone	Activate the speakerphone during a call: Press the **Speaker** key (if available) or **Options** > **Speakerphone On**

Feature	Description
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: > **Settings** > **Car Settings** or **Headset** > **Auto Answer** ***Note:*** *Your phone will not automatically answer calls if the ring style is set to* **Silent**.
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**

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

13.2.10 Data Calls

To connect a device to your phone with a USB cable see page 42.

Feature	Description
Send Data	Connect your phone to a device, then place a call through the device application.

Feature	Description
Receive Data	Connect your phone to a device, then answer a call through the device application.
Using Sync	You can call an Internet server and synchronise your contacts and calendar entries with the server. To set up an Internet sync partner, press: > **Connectivity** > **Sync** > [**New Entry**]. Enter the server details, including **Server URL** (you can omit http:// and **Data Path** (the folder below the URL where your data is stored). To **synchronise files** with a partner you set up, select the partner from the list in > **Connectivity** > **Sync** > **SyncML**.

13.2.11 Network Features

Feature	Description
Network Settings	View network information and adjust network settings: > **Settings** > **Network**

13.2.12 Personal Organiser Features

Feature	Description
Create Calendar Event	Create a new calendar event: > **Organiser & Tools** > **Calendar**, highlight the day, press , press **Options** > [**New**]
View Calendar Event	View or edit event details: > **Organiser & Tools** > **Calendar**, highlight the day, press , scroll to the event, and press **Options** > **View**.
Send Calendar Event	Send an event in a Multimedia Message: While viewing an event, press **Options** > **Send** > **Multimedia Message**.
Copy Calendar Event to Another Device	Copy a calendar event to another phone, computer, or device: > **Organiser & Tools** > **Calendar**, highlight the day, press , highlight the event, press **Options** > **Send** > **Bluetooth**.

Feature	Description
Print Calendar Month, Week or Day Over Bluetooth® Connection	You can use a Bluetooth® wireless connection to send a calendar month, week or day from your phone to a printer. > **Organiser & Tools** > **Calendar** Go to the month, week or day view and press **Options** > **Print**. For more about Bluetooth connections see page 42.
Set Alarm	Set an alarm: > **Organiser & Tools** > **Alarms**
Turn Off Alarm	Turn off alarm: Press the **Disable** key or . Set 8-minute delay: Press the **Snooze** key.
Calculator	Calculate numbers: > **Organiser & Tools** > **Calculator**

Feature	Description
Currency Converter	Convert currency: > **Organiser & Tools** > **Calculator** **Options** > **Exchange Rate** Enter exchange rate, press the **Ok** key, enter amount, press **Options** > **Convert Currency**.

13.2.13 Security

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

13.2.14 News and Entertainment

Note: *The files that you download or receive as attachments might have a copyright lock that keeps you from forwarding them.*

You can download for instance pictures, videos, ringtones and games from Vodafone live!.

For basic information on the camera see page 28.

Feature	Description
Launch Vodafone live!	Start a Vodafone live! session: live! **or** > **Vodafone live!** > **Vodafone live!** ***Note:*** *Your phone reads your micro-browser settings from the current USIM card. When you remove the USIM card, your phone clears the browser cache. To edit your settings, see page 88.*
Edit Micro-Browser Settings	You can edit the protocol, host, port and other information for your micro-browser connection: > **Messaging** **Options** > **Data Connection**
Web Sessions	Select or create a Web session: > **Vodafone live!** > **Internet Profiles**
Download Objects from Web Page	Download a picture, sound, or other file from a Web page: Highlight the file, press the **Select** key, then the **Store** key.
Download Game or Application (Browser)	Download a Java™ game or application with the browser: > **Vodafone live!**, highlight the application, press the **Select** key, then the **Download** key

Feature	Description
Launch Game or Application	Launch a Java™ game or application: > **Entertainment**, highlight the application, press the **Select** key ***Note:*** *To install and run games stored on your memory card, press* > **Entertainment** > [**Install New**].
Change Game or Application Settings	Change the volume, priority, or other settings for Java™ games or applications: > **Settings** > **Java Settings**

Feature	Description
Flight Mode	You can switch your phone to flight mode to prevent it from communicating with the network. This lets you use games or other applications while you are on an airplane, without interfering with airplane communications. > **Settings** > **Flight Mode** > **On** You can make the flight mode option appear whenever you turn on your phone: > **Settings** > **Flight Mode** > **Prompt At Startup** > **On**
Manage Pictures	Manage photos, pictures, wallpaper backgrounds and animations: > **My Files** > **Pictures**
Manage Ringtones and Music	Manage ringtones and music that you have downloaded: > **My Files** > **Sounds**

Feature	Description
Manage Video Clips	Manage video clips: > **My Files** > **Videos**
Photo and Video Camera Settings	Adjust light level and other settings for the integrated camera: > **Camera** then press **Options** > **Pictures Menu** > **Pictures Setup** **or** > **Video**, then press **Options** > **Videos Menu** > **Videos Setup** ***Note:*** *The photo and video cameras use the same settings.*

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg1 Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.36 W/kg, and when worn on the body, as described in this user guide, is 0.61 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).2

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

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

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* 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.

** Please see the Safety and General Information section about body worn operation.

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