M420i

MODE

ENGLISH
DRAFT

MITSUBISHI ELECTRIC

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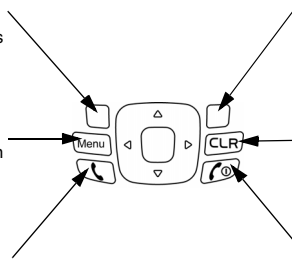
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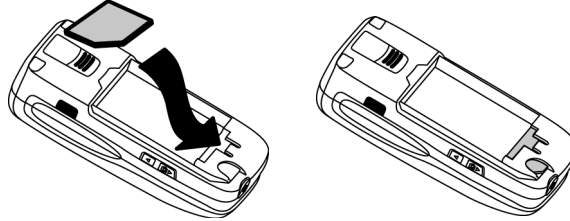
Fitting the battery
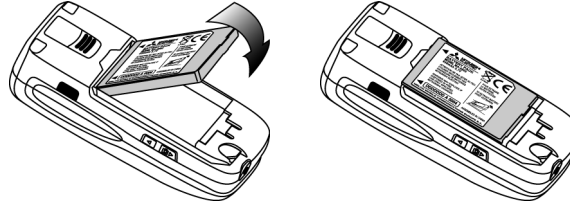
Fitting the battery cover
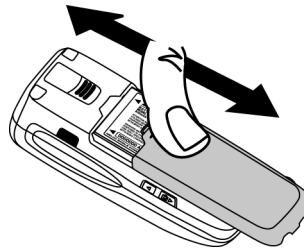
Charging the battery

⚠ When the battery is empty, 2 hours and 30 minutes are required to have your mobile fully charged.

■ INTRODUCTION

Thank you for purchasing the M420i (GSM, DCS, PCS) mobile telephone. The mobile telephone described in this guide is approved for use on all GSM 900, DCS 1800 and PCS 1900 networks. Some of the messages displayed on your mobile may be different according to your subscription type and/or service provider.

As with all types of radio transceivers, this mobile telephone emits electromagnetic waves and complies with international regulations when it is used under normal conditions and in accordance with the safety and warning messages given below.

■ SAR

THIS M420i PHONE MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Before a mobile phone is available for sale to the public, compliance with the European R&TTE directive(1999/5/EC) must be shown. This directive includes as one essential requirement the protection of the health and the safety of the user and any other person.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radiofrequency (RF) energy recommended by The Council of the European Union[1]. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general public. The guidelines were developed by independent scientific organisations through periodic, thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones (CENELEC standard EN 50360: 2001) employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit[2] recommended by The Council of the European Union is 2.0 W/kg. Tests for SAR have been conducted using standard operating positions (with reference to CENELEC standard EN 50361: 2001) with the phone transmitting at its highest certified power level in all tested frequency bands[3]. 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 base station antenna, the lower the power output.

The highest SAR value for this M420i model when tested for compliance against the standard was 0,355 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

Additional information from the World Health Organization (WHO)

Individuals: Present scientific information does not indicate the need for any special precautions for use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's' RF exposure by limiting the length of calls, or using "hands-free" devices to keep mobile phones away from the head and body.

RF absorbing devices: Scientific evidence does not indicate any need for RF-absorbing covers or other "absorbing devices" on mobile phones. They cannot be justified on health grounds and the effectiveness of many such devices in reducing RF exposure is unproven.

Source: WHO Fact Sheet 193, June 2000.

WHO: www.who.int/peh-emf.

There are a number of independent sources of information available to users including:

Royal Society of Canada: www.rsc.ca

The International Commission on Non-Ionizing Radiation Protection (ICNIRP): www.icnirp.de

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1. European recommendation 1999/519/EC
2. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
3. The maximum level of GSM emitted power is 250mW at 900 MHz and 125 mW at 1800 MHz according to the GSM standard.

The US Food and Drug Administration: www.fda.gov/cellphones/
The World Health Organization: www.who.int/emf
Mitsubishi Electric belongs to the MMF, an international association of radio equipment manufacturers.
The MMF produces this type of information in order to develop and present industry positions to independent research organisations, government and other research bodies.

<div align="center">
Mobile Manufacturers Forum
Diamant Building, 80 Blvd. A. Reyers
B-1030 Brussels Belgium
www.mmfai.org
</div>

◼ Declaration of conformity

Mitsubishi Electric hereby declares that this M420i (VGM08B) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
A copy of the full Declaration of Conformity may be found on our website:

<div align="center">
http://www.mitsubishi-telecom.com
</div>

◼ FCC warning statements

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.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:--Reorient or relocate the receiving antenna.--Increase the separation between the equipment and receiver.--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. --Consult the dealer or an experienced radio/TV technician for help.

◼ General safety

Use of the hands-free kit over extended periods of time and at high volume may seriously damage your hearing.
Due to the possibility of radio frequency interference, it is important to follow special regulations regarding the use of radio equipment.
Please follow the safety advice given below.

✈	Switch off your phone and remove the battery when in an aircraft. The use of mobile telephones in an aircraft may endanger the operation of the aircraft, disrupt the mobile phone network and is illegal.
⛽	Switch off your phone when at any refuelling point or near inflammable material.
H	Switch off your phone in hospitals and any other place where medical equipment may be in use.
💥	Respect restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.
💜 🦻	There may be a hazard associated with the operation of phones close to inadequately protected personal medical devices such as hearing aids and pacemakers. Consult your doctor or the manufacturers of the medical device in question to determine whether it is adequately protected.

| | Operation of your phone close to other electronic equipment may also cause interference if the equipment is inadequately protected. Observe any warning signs and manufacturers recommendations. |

■ Vehicle safety

Respect national regulations on the use of mobile telephones in vehicles.
Road safety always comes first! Always give your full attention to driving.
- Do not use a hand-held phone while driving. If you do not have a 'hands free' car kit, stop and park your vehicle safely before using your phone. Please ensure that you are fully aware of the laws in your country regarding the use of hand-held mobile devices whilst driving.
- If incorrectly installed in a vehicle, mobile telephones can interfere with the correct operation of the vehicle electronics, such as ABS anti-lock brakes or air bags. To avoid such problems ensure that only qualified personnel carry out the installation.
- Do not place the phone on the passenger seat or where it could fall during sudden braking or a collision. Always use the holder.

■ Emergency calls

You can make emergency calls by dialling the European standard emergency number **112** or the USA emergency number **911** even if there is no SIM card in your phone. Emergency calls can even be made if the phone is PIN or electronically locked or call barred. In some countries local emergency numbers can still be used for emergency purposes but the phone may have to contain a valid SIM card.
When making an emergency call remember to give all the necessary information as accurately as possible. As the phone may be the only means of communication at the scene of an emergency, do not cut off the call until told to do so.

| ⚠ | Mobile phones rely on wireless and landline networks which cannot be guaranteed in all conditions. You should therefore never rely solely on wireless phones for essential emergency communications. |

■ Care and maintenance

This mobile telephone is the product of advanced engineering, design and craftsmanship and should be treated with care. The suggestions below will help you to enjoy this product for many years.
- Do not expose your phone to any extreme environment with high humidity or temperature.
- Do not expose your mobile to or store your mobile in cold temperatures. When the phone warms up to its normal temperature after switch on, moisture may form inside and damage the electrical parts.
- Do not attempt to disassemble the phone. There are no user serviceable parts inside.
- Do not expose your phone to water, rain or spilt beverages. It is not waterproof.
- Do not drop, knock or violently shake your phone. Rough handling may damage it.
- Do not clean your phone with strong chemicals or solvents. Wipe it only with a soft, slightly dampened cloth.
- Do not place the telephone alongside computer discs, credit or travel cards or other magnetic media. The information contained on discs or cards may be affected by the phone.
- Do not connect incompatible products. The use of third party equipment or accessories, not made or authorised by Mitsubishi Electric, invalidates the warranty of your phone and may be a safety risk.
- Do not remove the labels. The numbers on it are important for aftersales service and other related purposes.
- Contact an authorised service centre in case of problem.

■ AC/DC adaptor charger

This mobile phone was designed to be used only with the supplied AC/DC charger. Use of any other charger or adaptor invalidates any approval given to this apparatus and may be dangerous.

■ Battery use

Batteries may be charged hundreds of times but gradually wear out. When the operating time (stand-by and talk time) is noticeably shorter than normal, it is time to buy a new battery.
If the battery is totally empty the battery level symbol may not be displayed at once when connecting the battery charger. Moreover the mobile cannot be turned on. Up to 15 minutes may be necessary to reach the required 4% battery charge to turn your mobile on and allow the battery charge symbol to be displayed. Battery charging may only operate between 0°C and + 45°C.
- Do not leave batteries connected to a charger longer than necessary. Overcharging shortens battery life.
- Disconnect battery chargers from the power source when not in use.
- Do not expose batteries to high temperatures or humidity.
- Do not dispose of the batteries in fire. They may explode.
- Avoid putting the batteries into contact with metal objects which can short circuit the battery terminals (e.g. keys, paper clips, coins, etc.).
- Do not drop or subject the batteries to strong physical shocks.
- Do not try to disassemble any of the battery packs.
- Use only specified Mitsubishi charger (see above).
- If the battery terminals become soiled, clean them with a soft cloth.
- Batteries may warm up during charging.

⚠ **Caution:**
Risk of explosion if the battery is replaced by any other battery than the Mitsubishi MA-0803..

Battery disposal

In compliance with European environmental protection directives, used batteries must be returned to the place of sale, where they are collected free of charge.
Do not dispose of your batteries within household waste.

■ PC cable

The PC cable allows you to connect the GSM mobile telephone to a Personal Computer in order to exchange data. The PC cable may not be supplied with your mobile. Please check this accessory availability with your retailer.

■ Your responsibility

This GSM mobile telephone is your responsibility. Please handle it with care and in respect of local regulations. Please keep it in a safe place at all times and out of reach of children. Familiarise yourself with and use the security features to block unauthorised use. If your phone and/or SIM card are lost or stolen, call your service provider immediately to prevent illegal use. When not in use, turn off the phone and remove the battery.

■ Security Code: PIN codes

The phone and SIM card are delivered to you pre-programmed with codes that protect the phone and SIM card against unauthorised use. A short description of each follows. See "Security features", page 89 to change your PIN and phone lock codes.

PIN and PIN2 codes (4-8 digits)

All SIM cards have a PIN (Personal Identity Number) that protects the card against unauthorised use.
Entering the wrong PIN code three times disables the SIM card and the message **SIM Blocked** is then displayed. **Enter PUK:** appears.

PUK and PUK2 codes (8 digits).

Please ask your service provider for your PUK code. Use it to unblock a disabled SIM card (see "Security features", page 89).
The PUK2 code is required to unblock the PIN2 code (see above).

Call barring password (4 digits)

This password is used to bar various types of calls, made or received, from the phone (see "Call barring password", page 89).

Phone lock code (4 digits)

This code is set to 0000 on delivery. You can change it. Once changed it cannot be identified by the manufacturer over the phone. Please refer to "Phone lock code", page 90 for more details.

i-mode lock (4 digits)

The default i-mode lock code is 0000.
It allows you to forbid any unauthorised use of the i-mode feature (see "i-mode lock", page 70).
We advise you remember these codes and make yourself familiar with their purpose and operation.

■ Disposing of waste packaging

The packaging used for this phone is made of recyclable materials and as such should be disposed of in accordance with your country's national legislation on the protection of the environment.
Please take care to separate the cardboard and plastic elements and to dispose of them in the correct manner.

USING THIS GUIDE

Please read this user guide carefully. It contains information about your phone and the way that it operates on the network. Some of the features described in this user guide are net-work dependent. Do not forget to check with your service provider which of these you can use. You may need to take out additional subscriptions to activate certain features.

Key actions

To help you quickly familiarise yourself with your mobile, these are the keypad and side keys symbols used throughout the guide.

☐   [OK] key in the middle of the cursor key (to validate **OK** on the display and to get direct access to the Camera (short press) and Video (long press) applications).

☐   [Left] softkey (to validate the item above (usually an action), give direct access to the Messages menu (long press) and to the Mail menu (short press) from the standby display).

☐   [Right] softkey (to validate the action above: usually **Exit** - and give direct access to the menu displayed above, to the i-mode browser (short press) and to the Java™ applications (long press) from the standby display).

[Menu]   [Menu] key (to access the nine icons Main menu, and to access the Options menu when indicated by the 🔲 icon.

[CLR]   [Clear] key (to delete a character in edition mode; to activate the game/application set as a standby display on your screen).

◯▷   [Right arrow] on cursor key

◁◯   [Left arrow] on cursor key

◯   [Up arrow] on cursor key

◯   [Down arrow] on cursor key

◯   [Send/Call] key

◯   [End, On/Off] key

◁   [Up] side key

◻▷   [Camera/Video] side key

Icons menu

⚠   The availability of the Calendar or Network services menu depends on your SIM card.

User guide notes

Here is how to follow the instructions contained in this user guide and use your mobile. These are examples. The bold text stands for information displayed while using your mobile.

USER GUIDE INFORMATION TYPES	ACTIONS TO PERFORM
Press **OK**	Press the ☐ key to validate **OK** (middle of the display).
Press the [Menu] key. Select **Settings**.	From the standby display press the [Menu] key to access the main menu, scroll Up , Down, Left or Right to the **Settings** menu item and press **OK** to access the sub-menu.
Select **Read** (item above [Left] softkey)	Press the ☐ key underneath **Read**.
Select **Exit** (item above [Right] softkey)	From the standby display press the ☐ key underneath **Exit** once to return to the previous screen. Press and hold ☐ to return to the standby display (except whilst in the i-mode menu).

Select **Camera/Video**	Use the cursor key to scroll up, down, left or right to the required menu item and validate by pressing **OK**. E.g. 'Select **Camera/Video**': scroll to the **Camera/Video** menu item with the navigation keys (Up ⌃, Down ⌄, Left ◁, Right ▷) and press the [**OK**] key to validate your selection.
Insert ▷	The ▷ indicates that more options or sub-menus are available when pressing **OK.**
...	The ... at the beginning or at the end of an Options menu indicates that more options or sub-menus are available by scrolling up or down.

New
Family name
Empty
First name
Empty
Home number
0264584543
Mobile number
Empty
Save   Exit

Using the dynamic scroll panels

When scrolling the menu, the following scroll panel type gives you a clear view of the information to be entered.

	1	The list of elements to be entered is displayed. Scroll down to the field(s) you want to fill in and press **OK**.
	2	Enter the requested information or select the requested item and select **OK** to validate.
	3	Fill in as many fields as necessary and select **Save** to store all the information entered.

⚠ The arrow keys displayed at the bottom of the screen show the scrolling possibilities.

Understanding the graphic display indicators (icons)

Icons may be displayed on your mobile screen.
The icons indicate the phone's state and operational conditions when in use.
The following icons may be displayed:

SIM memory in use

Phone memory in use: refers to information from the Phone book cards.

GPRS service icon. This indicates that data packet services or connection to the i-mode are available.

GPRS connection icon. This is displayed when a GPRS connection is in progress.

Modem mode active.

Home zone. This is displayed when the phone is connected to its home network.

Roaming. This is displayed when the phone is connected to a network other than its home network.

Call diverting. This indicates that all incoming calls are being diverted. Call diverting is network dependent.

Alarm clock.

Vibrator alert.

Keypad lock.

Line 2. This indicates that the second line is in use (subscription dependent).

Silent mode On.

Mute.

Auto-switch-off/on mode is activated.

Infrared port. This indicates that the infrared port is active. i.e. that data can be received via the infrared port.

Short message service (SMS). This is displayed when one or more short messages have been received and not yet read. ⟡ flashes when the SMS message box is full and no new messages can be stored. SMS availability is network dependent.

Voice Mail. This is displayed when a Voice Mail message has been received and stored by the networks Voice Mail centre. Voice Mail availability is network dependent.

Outgoing Call.

Incoming Call.

Withheld number. This is displayed when the caller does not wish his identity to be shown.

Unanswered call. This is displayed when an incoming call has not been answered.

Battery level indicator. This is permanently displayed to show the current battery charge level. Five levels are shown: from full (5 bars) ▥ to low ▭ (one bar). If the icon is empty, the mobile needs recharging.

Signal strength level. There are five strength levels. These show the strength of the received signal. The more bars, the stronger the signal. If the network cannot be found, no strength level is displayed.

Tegic edition mode.

Multitap edition mode.

Arrow keys. These icons are displayed during menu operation to indicate that more items in the menu can be accessed by pressing ⌃ ⌄ ◁ or ▷.

Closed user group

Secured connection. This icon is displayed when a secured connection is in progress.

Games & Applications software in use.

Games & Applications icon. It is displayed when a game or an application is running.

Problem in launching an **application** in Auto Start mode.

Application set as wallpaper icon. This icon is displayed when an application is set as wallpaper.

Mail or **MMS on mobile**

Mail or **MMS box on mobile full**

Mail on server

MMS on server

Mailbox on server full

MMS box on server full

Status light

On your mobile (please refer to Getting started with your M420i or see page 4) several light colours indicate your mobile's state (charging, event on mobile, etc.). The lights can be green, red, yellow or blue. You can activate/deactivate these lights:

MODE	MOBILE ON		MOBILE OFF
	Network available	**No network**	
Power saver	The green light flashes	The orange light flashes	
Incoming call	The blue light flashes		
Missed event (SMS, unanswered call, etc.)	Flashes alternately green and yellow	Flashes alternately orange and yellow	
Battery charging	The green light flashes	The orange light flashes	The red light is On
Battery charging over	The green light flashes	The orange light iflashes	

⚠ While charging, the battery charge symbol is displayed if your mobile phone is ON. Once charging is over, the screen backlight is turned Off (black screen).

GETTING STARTED

■ Preparing the phone for operation

Please refer to the Getting started with your M420i booklet or to the "Preliminary operations", page 6.

■ Basic operations

Turning the phone On

▶ **1** Press and hold the [On/Off] key. A beep sounds at mobile activation. When switching the mobile On for the first time or if the phone has been incorrectly switched off   may be displayed.

2 If your SIM card is PIN protected, **Enter PIN** is displayed.
Slide the screen up and enter the PIN code and select **OK**.

3 If prompted, enter the date & time or select **Exit** if the information is correct.

⚠ Please refer to "Security Code: PIN codes", page 10 and to "Security features", page 89 for more details on your PIN and lock codes.

If an image is set as a Welcome screen and/or a melody has been set as a Welcome melody, the mobile first requests the PIN code then shows the selected image/animation and plays the selected melody before showing the standby display (please see "Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder", page 60 and "Melodies", page 61).

⚠ If you set an application as an idle screen (see "Games & applications", page 62), an information screen is displayed and proposes to display the Doja application.

Making a call

The phone can make and receive calls only when it is switched on, when a valid SIM card is inserted and when it is connected to a GSM, DCS or PCS network service.
If the keypad is locked you can receive calls but you cannot make any (see "Keypad lock", page 16) except emergency calls.
To make a call:

▶ **1** Slide the screen up.

2 Dial the phone number or select one from your Phone book (press the [Left arrow] key from the standby display and select one of the available names).

3 Press the [Call/Send] key (is displayed).

Whilst in conversation an **Options** list (**Speaker On** or **Speaker Off, AutoDTMF, Hold, Retrieve, Mute** or **Unmute, End call** and **Record)** and **Sp.on** (Speaker On)/**Sp.off** (Speaker Off, after the speaker has been set to On) is available by pressing on the [Menu] (indicated by the ᴍᵢ icon).
You can set the conversation volume by pressing the [Up arrow] and [Down arrow] keys.

> In compliance with European regulations, you are obliged to inform your correspondent before recording a phone conversation.

Answering a call

When receiving a phone call (is displayed):

▶ **1** Press the [Call/Send] key.
You can also answer a call by sliding the screen up. Please see "Active slide", page 85.

When a phone call is received the caller name, number (see "Receiving caller ID", page 88), picture/video (see "Storing names and telephone numbers", page 37) may be displayed if you created a Phone book card corresponding to this caller.

Rejecting a call

When receiving a phone call:

▶ **1** Press the [On/Off] key (the call is then forwarded to your mailbox).

Ending a call

▶ **1** Press the [On/Off] key.
You can also end a call by sliding the screen down. Please see "Active slide", page 85.

To stop the ringtone

When receiving a phone call you have the possibility to stop the ringtone.

▶ **1** Press **No ring**.

Holding your mobile (while making or receiving a call)

How to hold the phone.
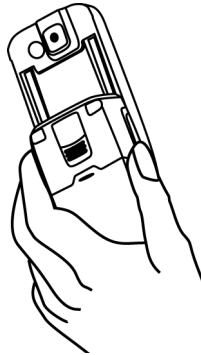
Avoid covering the upper back of the phone to allow maximum emission and reception quality.
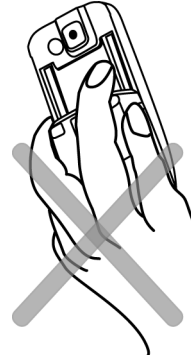
⚠ When using the hands free mode, do not put the phone to your ear.
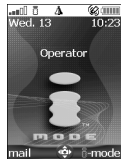
The standby display

When switched On, the mobile searches for connection with the network. Once the connection has been established, a beep sounds and the network and/or service provider name or logo are displayed together with the time and date, the signal strength and the battery charge level. If the mobile cannot find a valid network, the signal strength and the operator name are not displayed.
On the screen, the four arrows indicate that features can be accessed via the four arrows on the cursor key.
The camera symbol in the middle of the cursor key indicates that the Camera application (short press) and the Video application (long press) can be accessed by pressing the OK key (in the middle of the cursor key).
Mail and **i-mode** indicate that you can directly access the mailer and the i-mode service by pressing the softkeys.
▓ indicates that your mobile is connected to a GPRS network.

Keypad lock

When activated, the keypad lock feature prevents accidental actions occurring (e.g. camera activation) whilst the phone is being carried in a pocket or a bag for instance. Incoming calls can however be received and answered. Once the call is over, the keypad lock is automatically reactivated.
To activate the keypad lock from the standby display:

▶ **1** Press and hold the [Clear] key. **Keypad locked** is displayed.

To activate the keypad lock from the main menu:

▶ **1** Press the [Menu] key. Select **Settings**.
2 Select **Keypad**, then select **Keypad lock**.

To deactivate the keypad lock:

▶ 1 Select **Unlock** and press the [Clear] key or press and hold the [Clear] key. **Keypad unlocked** is displayed.

Turning the phone Off

▶ 1 Press and hold the [On/Off] key.

A tone sounds to confirm your action and a Goodbye screen is displayed whilst the mobile switches off. You can set a melody and/or a picture to be played/displayed when the mobile is switched off (please see "Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder", page 60 and "Melodies", page 61).

⚠ Do not take the battery out of the mobile without first turning the phone off. Data might be lost. Should this happen a first-aid kit symbol is displayed the next time the mobile is activated.

Power saver

When the phone has not been used for more than one minute, the Standby display turns Off (black screen). Press any key or slide the screen up to turn the Standby display On.
However, this does not prevent any operation on your mobile from taking place. You can therefore receive a call, an SMS, etc. whilst the Standby display is turned Off.

TOOLS

When scrolling to the Tools menu from the main icons menu, direct access to the Infrared port section is possible by selecting Infrared on the left side of the display.
The **Tools** menu allows access to a diary, a calculator, a currency converter, several alarm clocks and the infrared port opening.

■ Diary

The Diary is divided into three parts:
-The Calendar (to manage events),
-The Tasks list (to manage tasks),
-The Storage used (to provide the diary memory information).
An event is a diary entry that has a direct implication on your timetable (e.g. a meeting).
A task is a diary entry that has no direct implication on your timetable (e.g. organising a journey).

Calendar

The calendar allows you to store up to 100 events scheduled to occur either once, daily, weekly, monthly or yearly. Each entry can contain up to 50 characters plus a reminder alarm. Events may be viewed on a daily, a weekly or a monthly basis, and may be sent via the Infrared port, by e-mail or by SMS.

To enter an event

▶ **1**   Press the [Menu] key. Select **Tools**.

2   Select **Diary**.

3   Select **Calendar**. A Monthly or Daily view is displayed (the Daily view is displayed if an event is related to the current day).

4   Press on the [Menu] key.

5   Select **New event**.

An empty new event card is displayed with the following fields: Title (up to 10 characters), Description (up to 50 characters), Start date & time, End date & time, Alarm, Location, Repetition.

6   Enter or select the requested data. Confirm each entry by pressing **OK**.

7   Select **Save** to confirm data storage.

To view the current day's entries

▶ **1**   Press the [Menu] key. Select **Tools**.

2   Select **Diary.**

3   Select **Calendar**.

4   Press on the [Menu] key.

5   Select **View...** and then **Today** to view the current day's entries or select **Day view** to view the selected day's entries.

In the Today view each event is displayed on one line as follows: a graphic representation (⚠) if an alarm has been set, the event starting time, the first part of the event title,
Red events indicated that two or more events clash.
The following actions are available:

ACTIONS	PURPOSE
▽	To move down to the next event or loop back to the first one
△	To move up to the previous event or loop to the last one
◁	To move to the previous day
▷	To move to the next day

An Options list is available. It allows you to change the current **View...**, Create a **New event** or

Modify an **event**, **Send** it **by... infrared port**, **Mail** and **SMS**, **Export...** it, **Delete** one **event** or **Delete all events**.

To view weekly entries
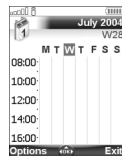
► 1 Press the [Menu] key. Select **Tools**.
2 Select **Diary**.
3 Select **Calendar**.
4 Press on the [Menu] key.
5 Select **View...** and then **Week view**.

The week's events are displayed in chronological order. Each event is represented as a bar (its length depends on its duration. Red indicates clashes. Purple indicates that the alarm has been activated).
The following actions are available:

ACTIONS		PURPOSE
▽		To move down to the next time interval
△		To move up to the next time interval
◁	(short press)	To move to the previous day
◁	(long press)	To scroll to the previous week
▷	(short press)	To move to the following day
▷	(long press)	To scroll to the following week

An Options list is available. It allows you to change the current **View...**, Create a **New event**, **Export...** the **Events in** a defined **period/All events** or **Delete all events**.

To view monthly entries

► 1 Press the [Menu] key. Select **Tools**.
2 Select **Diary**.
3 Select **Calendar**.
4 Press on the [Menu] key.
5 Select **View...** and **Month view**.

The whole month is displayed.
If the selected month is the current one, the date is displayed in a different colour. Colours are used to indicate the days (and alarm activation) of the stored events. The following actions are available:

ACTIONS		PURPOSE
▽		To move down within the current display
△		To move up within the current display
◁	(short press)	To move to the previous day
◁	(long press)	To scroll to the previous month
▷	(short press)	To move to the following day
▷	(long press)	To scroll to the following month

An Options list is available. It allows you to change the current **View...**, Create a **New event**, **Export...** the **Events in** a defined **period/All events** or **Delete all events**.

Tasks list

This feature allows you to store up to 100 tasks to be done (To do), scheduled with a start and a due date, with or without a reminder alarm.

To enter a new task

► 1 Press the [Menu] key. Select **Tools**.
  2 Select **Diary**.
  3 Select **Tasks list**.
  4 Select **New task** and enter the required information.

An empty task card is displayed with the following fields: a title (up to 10 characters), a description (up to 50 characters), a start date, a due date, an audio alarm which can be activated at your specified time.

  5 Enter or select the requested data. Confirm each entry by pressing **OK** .
  6 Select **Save** to confirm data storage.

To display a tasks list

► 1 Press the [Menu] key. Select **Tools**.
  2 Select **Diary**.
  3 Select **Tasks list** .
  4 Select **Current tasks** or **Elapsed tasks**.

The tasks are displayed in a list, ordered by date. If an alarm is activated for a task ⏰ is displayed. An Options list is available. It allows you to create a **New task**, **Modify** the current **task**, **Send** a task **by... Infrared port, Mail** or **SMS**, to **Export**... **Tasks in period** or **All tasks**, to **Delete** the current **task** or to **Delete all tasks period**.

Sending an event/a task

The Send by... option allows you to directly send the selected file via the Infrared port, by SMS or by Mail.

► 1 Press on the [Menu] key.(from the Day, Week or Month view). Scroll down and select **Send by...**
  2 Select **Infrared port, SMS or Mail** (if available), then proceed as usual when using these features.

Exporting an event/a task

The **Export...** option allows you to create a file so as to exchange events or tasks with another device such as a PC or another mobile. The created file can contain all the events or tasks stored in the calendar or in the tasks list (select **All events/tasks**) or in a time interval (Select **Events/Tasks in period**).

► 1 Press on the [Menu] key (from the Day, Week or Month view). Scroll down and select **Export...**
  2 Select **All events**/**tasks** or select **Events**/**Tasks in period** then define the time period (Between / And) and select **Export**.
  3 The exported file is stored in the **Others** folder of the **Fun & Media box** menu. You can then send it to another device (please see "Others", page 65).

⚠ 1. The exported calendar or tasks list item is stored as a .vcs file.
  2. Once your task/event is exported to the Others folder, a confirmation screen is displayed. Then you can directly send your task/event by selecting the Send by... option.

Alarm notification

The alarm notification screen is displayed at the specified time according to the event or task to which it relates.

If it is not acknowledged, the alarm stops ringing after 60 seconds. It automatically restarts after a snooze time until it is stopped or up to the start/finish time and date of the event/task. If the phone is off at alarm time, it automatically switches on.

If the phone is locked or if the PIN setting is on, the phone returns to this locked state after the alarm has rung until you use it.

► 1 Press **Valid** to acknowledge the alarm or press **Snooze** to repeat the alarm after the snooze period.

⚠ Snooze is not available on a task alarm.

Storage used

This feature displays the number of Diary registered events and tasks. The following actions are available in the Options menu (**Press on the [Menu] key):**

ACTIONS	PURPOSE
Delete events	To delete the events of the defined time period.
Delete tasks	To delete the tasks of the defined time period.
Delete all events	To delete all the events stored in Calendar.
Delete all tasks	To delete the tasks stored in the Diary.

■ Calculator

This feature allows you to make simple calculations using + (plus), - (minus), * (multiplication), / (division) and % (percentage) functions.
If the currency converter is activated, numbers can be converted during calculations.

To use the calculator

► 1 Press the [Menu] key. Select **Tools**.
  2 Select **Calculator** .
    The phone is ready to perform simple calculations.

Press keys ① to ⑨ to enter numbers. Press the ✳ multitap (for further details on the multitap text entry method please see "Entering text / Edition mode", page 26) to get **+**, **-**, ***** and **/** symbols. Use the # multitap to enter decimal points or **%**.
Press the [Clear] key during a calculation to correct an entry. Press **=** to get the operation result.

📄 *Example*	**144 x 12 = 1728**	
	key sequence	*display*
	① ④ ④	**144**
	Press ✳ 3x	*
	① ②	**12**
	= ⬭	**1728**

In the above example, pressing **=** again calculates 1728 x 12 = 20736
Pressing **the [Clear] key** deletes the result.

⚠ The % function can only be used (entered) as the last operation during a calculation.
   e.g.250 - 10% = 225

An integrated currency converter facility is also available. See Currency converter below.

📄 *Example*	*using the currency converter £ - €:*	
	€ 154 + € 3 = £ 97.1374	
	key sequence	*display*
	Select **Curr.**	◄ ⬭ ►
	① ⑤ ④ ◁	**95.2813**
	✳	**+**
	③ ◁	**1.8561**
	= ⬭	*97.1374*

⚠ 1. This example was made on the basis of the following exchange rate: **€ 1 = £0.61871**
   2. The Currency converter feature can be accessed from the Calculator and from the Currency converter submenus.

■ Currency converter

This feature allows currency conversion. The currencies and exchange rates must be entered prior to use. The conversion is calculated on the per unit exchange rate of the second selected currency.

To select the currencies and the exchange rate

▶ **1** Press the [Menu] key. Select **Tools**.
2 Select **Currency converter**.
3 Select **Settings**.
4 Enter the first currency name (e.g. Euro). Press **OK**.
Enter the second currency name (e.g. Dollar). Press **OK**.
Enter the exchange rate using ⌨ to enter a decimal point.
5 Press **OK** to validate the entry. Press **Save** to confirm data storage.

To calculate the conversion between the selected currencies

▶ **1** Press the [Menu] key. Select **Tools**.
2 Select **Currency converter**.
3 Select one of the first two options.
4 Enter the amount to be converted. Press ⌨ to insert a decimal point if needed.
5 Press **OK**. The converted amount and the exchange rate information are displayed.

■ Alarm clocks

This feature allows you to set up to three alarm clocks. These alarms can be set to be played at different times and to be played once, daily, or on selected days.

To set alarms

▶ **1** Press the [Menu] key. Select **Tools**.
2 Select **Alarm clocks**.
3 Select **Alarm 1, Alarm 2** or **Alarm 3**. Select **On** then enter the alarm time or press **OK** to validate the displayed time.

Select **Repetition** (**1**, **2** or **3** according to the Alarm you have previously set). Select **Once** (the alarm will be played once only), **Daily** (the alarm will be played every day at the same time) or **Weekdays** to choose the required day(s) by pressing **OK**, then select **Valid** to return to the Alarm clocks screen.
♘ is displayed when reverting to the standby display.

If the phone is off at alarm time, it automatically switches on.
If the phone is locked or if the PIN setting is on, the phone returns to this locked state after the alarm has rung until you use it again.
If the alarm is acknowledged but not validated after the 3rd (and final) alarm, the alarm indicators remain on the display for up to 15 minutes (the mobile then either goes back its previous state, 'on' or 'off').

⚠ 1. If a call is in progress at alarm time a 'Call in progress' alert beep sounds and a visual alert is displayed every 3 minutes. Validate or acknowledge the alarm in the usual way.
2. If several alarms are set to be played at the same time, the alarm tone is played once only. Any action performed on the mobile to acknowledge the alarm tone is then applied to all the alarms.

To use the alarm as a Reminder or a Snooze Alarm

▶ **1** Press **No ring**, or any other key (except **Valid.** and **OK**) to snooze the alarm. The alarm icon remains on the display and the alarm starts ringing again 3 minutes later.
Or press **Valid** or **OK** to acknowledge the alarm and stop the alarm clock process.

To turn the alarm Off

▶ **1** Press the [Menu] key. Select **Tools**.
2 Select **Alarm clocks**.
3 Select **Off**.

■ Infrared port

The infrared port allows you to exchange data between the mobile and other devices (provided they have an infrared port).
You can for instance download or send files such as videos, images for your Standby display (see "Pictures", page 59), send or receive name cards,...
You can send files via the Infrared port from several menus or sub-menus (e.g. by pressing **on the [Menu] key** after having captured a picture, then by selecting Send by... Infrared port).
To initiate a transfer via the infrared port, your mobile must be facing another infrared port.
Both ports can then be opened and synchronised. The requested transfer can then be performed. Files (e.g name cards) are transferred one by one.

Opening the Infrared port

> 1 Place your mobile directly opposite the infrared port of the other device.
> 2 Press the [Menu] key. Select **Tools**.
> 3 Select **Infrared port**. The infrared port opens and the mobile automatically acknowledges the state of the opposite infrared port,

⚠ 1. If the infrared port is already open, selecting the Infrared port item closes it.

2. The Infrared port cannot be opened while using the Camera or the Video applications. The Infrared port is automatically closed when accessing the Camera or Video applications.

Transferring a name card via the infrared port

You can transfer a name card via the infrared port:

> 1 Place your mobile directly opposite the infrared port of the other device.
> 2 Open the infrared port of the other device.
> 3 Select the card you wish to transfer as explained in the section "Viewing and calling Phone book numbers", page 40.
> 4 Press on the [Menu] key. Select **Send by... Infrared port**.
>   The infrared port opens and the transfer is performed.

■ Using your mobile as a modem

You can use your mobile as a modem for other devices (PC, PDA,...) via the infrared port (on both devices) or via a PC cable. In order to activate a connection, a standard modem driver must already be installed in the other appliance:

> 1 Install the PC cable or open the Infrared port on your PC or PDA.
> 2 Install the modem driver.
> 3 Configure the PC according to the instructions given with the modem driver.
>   Please enter the following parameters:
>   - Flow control: Hardware
>   - Data Bits: 8
>   - Parity: No parity
>   - Stop Bit: 1 stop Bit
>   - Speed: 921000b/s

⚠ 1. The PC cable may not be supplied with your mobile. Please ask your retailer for an M420i compatible PC cable.
2. The compatibility between GPRS and i-mode features is operator dependent.

Your mobile:

> 1 Plug in the PC cable (please refer to the Getting Started with your M420i booklet).

or:

> 1 Open your mobile Infrared port.

⚠ If your mobile is set to Modem mode, (Please see "Operation mode", page 89) all incoming calls are rejected.
If your mobile is not set to Modem mode, your Internet connection may be interrupted by incoming calls.

Once both devices are ready, the Internet connection can be activated (without any action being performed on your mobile).

MESSAGES/TEXT EDITING

This section describes the contents of the Messages menu and contains full information on the Short Message Service. Other types of messages can be sent and received via your mobile. The Short Message Service (SMS) allows you to send or receive text messages to or from other mobile phones. You can store, edit and forward messages as well as save any of the numbers, mail addresses, web site addresses they may contain.

These SMS are stored on the phone memory; they may also be stored in the SIM card if they are sent by a service provider. You can access the Messages menu by pressing and holding the **Mail** softkey from the standby display.

This chapter mainly deals with the SMS and Broadcast message types. Please refer to the i-mode section (page 69) for full information on Mail and MMS.

■ Contents of the Messages menu

The Messages menu includes the three message types that are available on your mobile: SMS, Mail/MMS, Broadcast messages.

To select one of these message types:

▶ **1** Press the [Menu] key. Select **Messages**

   2 Select **SMS**, **Mail/MMS** or **Broadcast**.
   A number is displayed on the SMS and Mail/MMS lines, on the right of the screen. It indicates the number of unread received messages in the corresponding Inbox folder.

or

▶ **1** From the Standby display, press and hold the [Left] softkey (underneath **Mail**).

   2 Select **SMS**, **Mail/MMS** or **Broadcast**.
   A number is displayed on the SMS and Mail/MMS lines, on the right of the screen. It indicates the number of unread received messages in the corresponding Inbox folder.

■ Accessing the SMS menu

You can access the SMS menu via three ways. This chapter describes the SMS sub-menu and features via the [Menu] key, but you can use any of the following paths to access this sub-menu.

▶ **1** Press the [Menu] key. Select **Messages**

   2 Select **SMS**.

or

▶ **1** From the Standby display, press and hold the [Left] softkey (underneath **Mail**).

   2 Select **SMS**.

or

▶ **1** From the Standby display, press the [Right] softkey (underneath **i-mode**).

   2 Select **SMS** or press ③.

■ Reading a received SMS message

When the phone receives an SMS message, a new SMS alert beep or melody sounds and ✉ is displayed on the Standby display. The message is automatically stored in the phone or in the SIM card. A flashing ✉ indicates that the SIM or the phone memory are full and cannot store any further messages. Delete messages to allow new messages to be delivered.

▶ **1** Press **Read** to read new messages (from the standby display only).

   2 Press on the [Menu] key to **View**, **Reply**, **Reply (+text)**, **Delete**, **Delete all**, **Forward**, **Send as mail**, **Move to SIM**, **Numbers & addresses** (to store or call the number(s) contained in the SMS header or text, or store the mail or web address contained in the message text. All the message characters that are displayed between «» can also be stored on your mobile.)

⚠ 1. According to the selected item, another Options list may be available so that you can proceed with the action. Press on the [Menu] key.
2. If you select a melody as a new SMS alert (please see "Melodies", page 61), press the [OK] key to acknowledge receipt of the new incoming SMS and to stop the melody.

■ Reading stored SMS messages

▶ **1** Press the [Menu] key. Select **Messages**. Or press and hold the **Mail** softkey.

2 Select **SMS**.

3 Select **Inbox** or **SIM archive** then select **Received messages** to display the message list. Use the arrow key to scroll up and down and access the message you want to read.

4 Select **OK** or Press on the [Menu] key/**View** to read the message text.

Unread messages are indicated by the ⊠ icon + bold text. Messages that have already been read are indicated by ⊠.

■ Moving messages to SIM

It is possible to move a message from the Inbox or the Outbox to the SIM memory. However, according to the message size, the message may be truncated (the 160 first characters only are moved to the SIM memory). The sending date (for sent messages) and the 'Copy to' addressees are lost when moving the message to the SIM memory.
To move a message to the SIM memory:

▶ **1** Press the [Menu] key. Select **Messages**.

2 Select **SMS**.

3 Select **Inbox** or **Outbox**.

4 Choose the message to be moved and Press on the [Menu] key.

5 Select **Move to SIM**.

■ Forwarding messages

You can forward a received message to other people/number(s):

▶ **1** Press the [Menu] key. Select **Messages**.

2 Select **SMS**.

3 Select **Inbox** or **SIM archive**/**Received messages**.

4 Select the message to be forwarded and Press on the [Menu] key.

5 Select **Forward**.

6 Press **OK**. Select the **To** field and select one of the displayed names or in the Phone book list Press on the [Menu] key then **New** or **Other folder** if you want to send your message to another mobile number. Press **OK** to validate.

7 In the **Text** field enter the message text (see "Entering text / Edition mode", page 26) or select one of the models (**Models**) and press **OK**.

8 If you want to send the message to several addressees, enter one or several phone numbers/ names in the **Copy to** list (up to 4 more addressees) and press **OK** then **Valid** to return to the previous screen.

9 Press on the [Menu] key.

10 Select **Send**, **Store & send** or **Store**.

11 A warning message displays the number of SMS needed to send the message if it is more than one. Select **Go on** if you want to send the message or select **Cancel** if you do not want to send it or if you want to amend your message.

■ Activating or deactivating the message alert tone

Each time a message is received, a new SMS alert tone sounds. To activate or deactivate this tone:

▶ **1** Press the [Menu] key. Select **Messages**.

2 Select **SMS**.

3 Select **Settings**.

4 Select **Reception alert**. Select **On** or **Off**.

⚠ You can personalise the Message alert tone (please see Melodies, page 61).

■ Preparing the phone to send SMS messages

Before sending your first SMS or if you want to register a new profile, the network SMS centre number (obtainable from your service provider) must be stored:

FIELDS	DESCRIPTION	DEFAULT
Name	To enter the profile name.	Profile1
Message centre	To enter the centre number.	Empty
Format	To set the message format: text, voice, fax or paging.	Text
Validity period	Time the message remains at the message centre until delivered.	Maximum

▶ 1 Press the [Menu] key. Select **Messages**.
   2 Select **SMS**.
   3 Select **Settings**.
   4 Select **Sending profile**.
   5 Enter the message centre number or select a template (if several available) then enter the following fields (operator dependent).

⚠ You may not be allowed to change your sending profile (format and validity period). Please contact your service provider for further details.

   6 Select **Save** to validate.

The SMS centre number may already be available in your SIM card and may be automatically displayed. If you want to select a Sending profile for your message:

▶ 1 Press the [Menu] key. Select **Messages**.
   2 Select **SMS**.
   3 Select **Settings**.
   4 Select **Sending profile** and select the profile you want to use. Press on the [Menu] key.
   5 Select **Select**.

■ Entering text / Edition mode

All the settings described in this part are to be done from an edition screen.
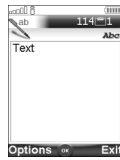
Some features and functions (storing names in the Phone book, typing SMS text messages, writing a mail, Tools, Settings,...) require you to know how to enter and edit text in the display, to insert special characters or mail icons, to copy and paste text, etc.

Four edition modes are available. They are indicated on the left-hand side of the screen by 〰ab in lower case mode, by 〰AB in upper case mode, by 〰Ab in next character toggle mode (the first typed character is an upper case then the others are lower cases) and by 〰123 in numeric mode. Text and figures and alphabet characters can then be entered or edited directly from the keypad.

To switch from one mode to another:
▶ 1 Press on the [Menu] key
   2 Select **Lowercase** if the current mode is upper case mode or select **Uppercase** if the current mode is lower case.

⚠ When in lower case, on T9 mode or on Multi-tap mode, the Next character toggle mode is automatically set when required, according to the context (i.e. after a full stop or after ? or ! followed by a space for instance).

There are three input modes to enter text or figures: the Multi-tap (or Multipress) key method, the quicker intuitive method, called T9 text input and the Numeric mode (to type numbers).

To select an edition mode:
▶ 1 Press the [Menu] key to swap modes (T9 to Multi-tap/Multi-tap to T9).

or:
▶ 1 Press on the [Menu] key
   2 Select **Edition mode**.
   3 Select **T9**, **Multi-tap** or **Numeric**.

When in T9 mode, ▣ is displayed on the upper part of the display to indicate that T9 is the current mode. When on Multitap mode, Abc is displayed on the upper part of the display to indicate that Multitap is the current mode.

The multitap/multipress method

A brief press on a key displays the first character associated with the key and shows the other available characters at the top of the display. Here is the list of the available characters (the available characters list is language dependent):

KEY	CHARACTER	
	Lower case	Upper case
①	. , - ' @ : ?/_ 1	
②	a b c 2	A B C 2
③	d e f 3	D E F 3
④	g h i 4	G H I 4
⑤	j k l 5	J K L 5
⑥	m n o 6	M N O 6
⑦	p q r s 7	P Q R S 7
⑧	t u v 8	T U V 8
⑨	w x y z 9	W X Y Z 9
⓪	0	0
✱	Swap between the Upper case, Lower case and Numeric edition modes.	
#	Short press: to enter a space. Long press: to access special characters.	
◁ ▷	Short press: moves the cursor through the text one place to the left or to the right. Long press: moves the cursor to the text beginning or end.	
⌃ ⌄	To move the cursor to the text beginning or end.	
Menu	Swap between the Multitap/Multipress method and the T9 text input.	

To enter text, press the key bearing the required character until it appears in the display. Holding the key displays the figure corresponding to the key. If you need to use two characters from the same key, wait for a few seconds after entering the first character (until the key characters on the upper part of the screen are cleared) or press the right arrow key before pressing the key again.
Correct mistakes by a short press on the [Clear] key.
Holding the [Clear] key deletes all the text. Use the left or right arrow keys to move the cursor in the text.

Multitap method

⊟ *Example* *To type* **Card***:*
  Press the [Menu] key and select **Messages***.*
  Select **SMS***.*
  Select **Write new***.*
  Fill in the **To** *field (see "Sending a new SMS message", page 30).*
  In the **Text** *field, press on the [Menu] key until* Abc *is displayed, or press on the [Menu] key, then select Input mode and choose Multi-tap.*
  Press ② *briefly three times,* **C** *is displayed.*
  Press ② *once,* **a** *is displayed*
  Press ⑦ *three times,* **r** *is displayed*
  Press ③ *once,* **d** *is displayed. The word* **Card** *is now displayed.*

The T9 method

A press on the [Menu] key allows you to swap between T9 text entry and the Multitap method.

▶ **1** Press the key bearing the required letter once only (the requested character may not be displayed first).

2 The active word changes as you enter text. Enter all the word characters up to the end of the word.

3 If the right word is not displayed when all the characters have been entered, press 🄍 until you get the required word.

4 If the requested word does not correspond to the one displayed, press the [Menu] key to swap to the Multi-tap mode and enter the correct letters.

5 Use the [Left arrow] or [Right arrow] keys to move the cursor around the text to insert or delete characters.

Example *To write* **card***:*

Press the [Menu] key and select **Messages***.*

Select **SMS***.*

Select **Write new** *.*

Fill in the **To** *field (see "Sending a new SMS message", page 30).*

In the **Text** *field, press on the [Menu] key until* 🔲 *is displayed, or press on the [Menu] key, then select Input mode and choose T9.*

Press ②*,* **A** *appears.*

Press ②*,* **Cc** *appears.*

Press ⑦*,* **Car** *appears.*

Press ③*,* **Case** *appears.*

If the displayed word is not the one you want, press ⓪ *as many times as necessary to view* **Card***.*

⚠ To insert a text symbol such as :) or :-) or press ① two or three times. Press 🄍 as many times as necessary to change the symbol to :(or :-(etc.

Inserting special characters, i-mode pictographs or text

You can insert special characters, i-mode icons (pictographs), pre-stored text models,... while using the edition mode.

Some of the elements listed below are examples and may vary according to the edition context.

To insert special characters:
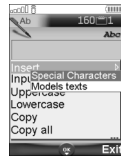
▶ **1** Press on the [Menu] key, then select **Insert**.

2 Select **Special characters.**
Scroll up, down, left or right and press OK to select the required special character.

or:

▶ **1** Press and hold the # key to display the special characters list.

2 Scroll up, down, left or right and press OK to select the required special character.

⚠ The ↵ symbol may not be displayed from all edition modes. It allows you to go to the following line.

To insert i-mode pictographs:

▶ **1** Press on the [Menu] key.

2 Select **Insert**.

3 Select **i-mode**. Scroll up, down, left or right as many times as necessary to reach the required icon then press **OK** to validate your choice. You can choose those icons from any of the six available icons pages (scroll down as many times as necessary to reach the following pages).

⚠ This option is only available from the Mail and MMS edition modes.

To insert a text model:

► **1** Press on the [Menu] key.
2 Select **Insert**.
3 Select **Text models**. Select one from the list.
For more information on this feature, please see "Creating text models", page 30.

⚠ This option is only available from messages edition modes (it is not available in numeric edition modes, while writing a mail address, etc.)

Text copy and paste

You can copy a text or part of a text so as to paste it into another edition context (or into the source edition context). The copied text remains stored in the mobile memory until the mobile is turned off or until another Copy action is performed. You can therefore paste it as many times as you wish.

To copy part of a text

► **1** From an edition screen (e.g.: while writing a mail, an MMS, an SMS, a Phone book card,...), press on the [Menu] key.
2 Select **Copy** (you can also access the Copy option from the edition screen by pressing the [Up] side key).
3 Scroll right or left ([Right arrow] and [Left arrow] keys or [Up] and [Camera/Video] side keys) to select the required part of the text to be copied (the selected text is displayed in blue colour).
Select **Copy**, press **OK** or press the [Up] side key. The selected text is copied into the mobile memory.

⚠ 1.The Copy option is not available in numeric edition modes. It is however available while using the numeric mode in an alpha-numeric edition context.
2. The Copy all option only is available in numeric edition mode. It therefore copies the full displayed number.

To copy all the text

► **1** From an edition screen (e.g.: while writing a mail, an MMS, an SMS, a Phone book card,...), press on the [Menu] key.
2 Select **Copy all**.
The whole edition screen content is copied into the mobile memory.

or:

► **1** From an edition screen (e.g.: while writing a mail, an MMS, an SMS, a Phone book card,...), press and hold the [Up] side key.
The whole edition screen content is copied into the mobile memory.

To paste the copied text

► **1** From an edition screen (e.g.: while writing a mail, an MMS, an SMS, a Phone book card,...), move your cursor to the required location. Press on the [Menu] key.
2 Select **Paste**. The previously copied text is pasted.

or:

► **1** From an edition screen (e.g.: while writing a mail, an MMS, an SMS, a Phone book card,...), move your cursor to the required location then press the [Camera/Video] side key.

⚠ 1. If the copied text is too long to be inserted into the available space on the target edition mode (e.g. maximum SMS allowed size reached), the text to be copied is not fully pasted.
2. You cannot paste a copied text if the text characters are not supported by the target edition context (e.g. an alphanumeric text in a numeric edition context, such as a phone number, or a text bearing i-mode pictograph in an SMS edition screen).

Selecting an edition language

You may wish to select an edition language different from the language set on your mobile. Doing so, the required character sets are available while using the keypad. The required T9 editor may also be available.

To choose an edition language:

► **1** From an edition screen (e.g.: while writing a mail, an MMS, an SMS, a Phone book card,...), press on the [Menu] key.
2 Select **Edit. language.** A list bearing the available languages is displayed.
3 Press **OK** to select the required language and return to the edition screen.

⚠ The T9 edition mode may not be available for all languages.

KEY	ACTION
✳	Short press: to switch mode (from T9 or Multitap) to lower case, upper case or numeric mode. Long press: to insert a capital letter while writing in lower case. Only the first letter entered is upper case, the following ones are lower case (e.g.: to write a surname).
Menu	Swap between the Multitap/Multipress method and the T9 text input.
CLR	Clear or backspace
#	Short press: to enter a space. Long press: to access special characters.
0	Another matching word
1	Smart punctuation
◁ ▷	Short press: moves the cursor to the beginning ◁ or end ▷ of each word. Long press: moves the cursor to beginning ◁ or end ▷ of the text.
△ ▽	To move the cursor to the beginning or end of the text.

■ Creating text models

You can create a set of messages to be used as models. These texts can contain up to 50 characters and text can be added when you want to use them. These templates are stored in the mobile memory.
To create text models:

▶ **1** Press the [Menu] key. Select **Messages**.
2 Select **SMS**.
3 Select **Text models**.
4 Choose any blank template (**[...]**) and press **OK**.
5 Enter the template text and press **OK**.

■ Editing a text model

You can modify a text model:

▶ **1** Press the [Menu] key. Select **Messages**.
2 Select **SMS**.
3 Select **Text models**.
4 Select the text model to be modified and press **OK**.
5 Edit the text and press **OK**.

■ Sending a new SMS message

You can send message texts (up to 918 characters). The standard size for an SMS is 160 characters (your service provider charges you according to the number of SMS used to send your message). The ✉1 icon (1 = number of SMS used - it is updated while writing your message and shows the number of SMS needed to send your message) is displayed on the left corner of the screen.
To send SMS from the Menu:

▶ **1** Press the [Menu] key. Select **Messages**.
2 Select **SMS**.
3 Select **Write new**.
4 Select the **To** field and choose one of the displayed names, or in the Phone book list press on the [Menu] key then **New** or **Other folder** if you want to send your message to another mobile number (directly enter the number). Press **OK** to validate.
5 In the **Text** field, enter the message text (see "Entering text / Edition mode", page 26) or select one of the models (**Text models**) and press **OK**.

6   If you want to send the message to several addressees, enter one or several phone numbers/names in the **Copy to** list (up to 4 more addressees) and press **OK** then **Valid** to return to the previous screen.

7   Press on the [Menu] key.

8   Select **Send**, **Store & send** or **Store**.

9   A warning message displays the number of SMS needed to send the message if it is more than one. Select **Go on** if you want to send the message or select **Cancel** if you do not want to send it or if you want to amend your message.

⚠   If you have registered an automatic signature, the number of characters used is automatically added to the message length.

To send SMS from the standby display:

▶ 1   Press the [Left arrow] key to access the Phone book. Scroll to one of the available names or numbers.

2   Press on the [Menu] key.

3   Scroll down and select **Send a message...**

4   Select **SMS**, then proceed as described above.

or:

▶ 1   Press and hold the [Left] softkey.

2   Select **Write new**, then proceed as described above.

■ Signature

You can register a signature to be automatically added to your text messages. The signature is not displayed when typing the message text but it is displayed on message reception by the addressee. The maximum size for the signature is 30 characters. If the message text to be sent already contains 918 characters, the signature cannot be added.

To register a signature:

▶ 1   Press the [Menu] key. Select **Messages**.

2   Select **SMS**.

3   Select **Settings**.

4   Select **Signature**.

5   Select **Insert in message**. Select **Yes**.

6   Select **Text** and enter your signature text.

7   Select **Save** to store your signature.

■ Outbox and SIM archive emitted messages

The Outbox contains stored sent messages (delivered or undelivered). The SIM archive contains unsent draft messages and stored sent messages (delivered or undelivered). These messages can be selected from the outbox or SIM archive menu and can be modified and resent as new SMS messages.

To select one of these messages:

▶ 1   Press the [Menu] key. Select **Messages**.

2   Select **SMS**.

3   Select **Outbox** or select **SIM archive** then **Emitted messages** and use the [Up arrow] or [Down arrow] keys to scroll to the required message. Messages are either 'transmitted' or 'to be sent'.

4   Press on the [Menu] key to **View**, **Delete**, **Delete all** (for Outbox messages only), **Status** (for sent messages only) **Send**, **Send as mail**, **Edit**, **Move to SIM** (for outbox messages only), **Move to phone** (for SIM archive emitted messages only), **Numbers & addresses** (to store or call the number(s) contained in the SMS header or text) or **Details**.

▪ Draft messages

The Drafts folder contains the written messages that were not sent. You can edit these messages and/or send them.
To select one of these messages:

▶ **1** Press the [Menu] key. Select **Messages**.
   2 Select **SMS**.
   3 Select **Drafts** and use the [Up arrow] or [Down arrow] keys to scroll to the required message.
   4 Press on the [Menu] key to **View**, **Delete**, **Delete all**, **Send**, **Send as mail**, **Edit**, **Edit a copy**, **Move to SIM** (for outbox messages only), **Numbers & addresses** (to store or call the number(s) contained in the SMS header or text) or **Details**.

▪ Status request

If a status is requested on a sent message, a status request is sent to the network (must be network supported). If the status is requested on a delivered message, the date and time of delivery may be shown. The network then answers by sending a status report (SR) back to the phone. Press **OK** to acknowledge it.
To activate the status request

▶ **1** Press the [Menu] key. Select **Messages**.
   2 Select **SMS**.
   3 Select **Settings**.
   4 Select **Message config.**
   5 Select **Delivery report** and select **On**.
   6 Select **Save**.

To request a reply
A reply to your message can be requested from your correspondent. If you activate this feature, you will be charged for the cost of the reply message.
The availability of this feature is operator dependent.

▶ **1** Press the [Menu] key. Select **Messages**.
   2 Select **SMS**.
   3 Select **Settings**.
   4 Select **Message config.**
   5 Select **Reply requested** and select **On**.
   6 Select **Save**.

To read the sent message, delete or re-send it when receiving the status:

▶ **1** Press Press on the [Menu] key. **Send again, Clear, Associated message** or **Delete message** is displayed.
   2 Select the required action.

▪ Storage consumption

The storage status for SMS messages can be consulted.
To view the number of messages stored, the total available space on the Phone memory and on the SIM card:

▶ **1** Press the [Menu] key. Select **Messages**.
   2 Select **SMS**.
   3 Select **Storage used**. The **SMS memory used** is displayed. Scroll down to access the **SIM archive.**
   4 Select **Details** for more information on the Phone and SIM stored messages (use [Up arrow] and [Down arrow] keys to scroll to the required information).

■ Broadcast - cell broadcast (CB) messages

These messages are broadcast by the networks to GSM users and may provide general information about local area dialling codes, weather reports, traffic, news, etc. Each type of message is numbered, allowing you to select the type of information you wish to receive.
Up to 5 types of messages can be programmed into the selection list.
16 standard message types are pre-programmed into the phone for your selection. New message types can be programmed into the selection list using the 3 digit cell broadcast type number. Contact your service provider for details about the type of messages they broadcast.
Before you activate the broadcast message service, you must enter at least one message type in the selection list.

Entering a message type in the selection list

▶ 1 Press the [Menu] key. Select **Messages**.
   2 Select **Broadcast**.
   3 Select **Message types** and select one of the empty types (**[...]**). Select **OK**.
   4 Select **Modify by list** (or **Modify by code** if the type number is known).
   5 Select the message type(s) you wish to receive and select **Valid.**
   6 Select **Save** to store your setting.

Activating / deactivating the broadcast service

▶ 1 Press the [Menu] key. Select **Messages**.
   2 Select **Broadcast**.
   3 Select **Reception** and select **On** or **Off**.
   4 Select **Save** to store your setting.

Reading broadcast messages

Broadcast messages are displayed whilst the phone is on standby. If a broadcast message is received whilst in conversation or operating the menu, it only becomes visible once the mobile reverts to the standby display. A message can contain up to 93 characters and may be displayed on several pages.

Options on message display

Press the [Clear] key to clear the CB message displayed. Press the [Call] key to dial the number contained in the message.
Press on the [Menu] key to display the following menu:

OPTION	ACTION
Delete	To delete the current message
Delete All	To delete all the received CB messages
Numbers & addresses	To display all phone numbers contained in the message text and dial or store them in the Phone book if required.
Broadcast Off	To deactivate cell broadcast.

Activating/deactivating the alert tone

An alert tone can be set to beep every time a new or updated broadcast message is received.
▶ 1 Press the [Menu] key. Select **Messages**.
   2 Select **Broadcast**.
   3 Select **Reception alert** and select **On** or **Off**.
   4 Select **Save** to store your setting.

Broadcast language

All the broadcast messages can be displayed in several languages.
To select a language:
▶ 1 Press the [Menu] key. Select **Messages**.
   2 Select **Broadcast**.
   3 Select **Language** and select one of the available languages.
   4 Select **Save** to store your setting.

⚠ The availability of this feature is network dependent.

CALLS & TIMES

Access the **Calls & Times** menu to check the details of individual incoming and outgoing calls, the duration of the last call, the total call time for all outgoing and incoming calls or to play the recorded calls.

Call logs

This feature stores details (identity, time and date and call duration or cost) about the last 20 numbers dialled, the last 20 unanswered calls and the last 20 received calls. The calls log can be activated for Line 1 and Line 2 (Line 1 is your main line. Line 2 availability is subscription dependent).

► **1** Press the [Menu] key. Select **Calls & Times**.
 2 Select **Call logs**.
 3 Use the [Up arrow] or [Down arrow] keys to scroll through the calls list.

The last number dialled ✎→ , received ✎← or unanswered ✖ is displayed at the top of the list. The caller's name is displayed if it is registered in one of the Phone books (if not the phone number is displayed). If your subscription does not have Caller Line Identification (CLI) 'Unknown number' is displayed. If the caller has with withheld his number, 'Withheld number' is displayed.
Press the [Call] key to call the selected number.
Press on the [Menu] key to access the following menu:

ITEM	ACTION
Call	To call the selected number.
Store	To store the number in the Phone book.
Delete	To delete the entry.
Delete all	To delete all entries.
Edit	To edit the displayed number.
Send SMS	To send an SMS message to the selected phone number.

Use the [Up arrow] or [Down arrow] keys to select the required option and follow the instructions displayed.

⚠ Press the [Call] key from the standby display to access the call logs list.

Call timers

The voice, Modem and GPRS call information for Line 2 and Line 2 is stored in the **Call timers** menu.

► **1** Press the [Menu] key. Select **Calls & Times**.
 2 Select **Call timers**.
 3 Select **Show**.
 4 Use the [Up arrow] or [Down arrow] keys to view all the timer information.

⚠ If the call timers were reset (see "Call timers - reset", page 35) the date of the latest counter reset is displayed.

The call type and the accumulated times of outgoing and incoming calls are displayed.
Selecting **Details** displays information on calls made on your home network, on National roaming and on International roaming.

⚠ If Line 2 is active too, 'All Calls' for Line 1 and Line 2 are displayed separately.

Balance information (subscription dependent)

This service may be supplied by your service provider. It allows you to view the remaining air-time balance on your phone line.

Please contact your service provider for more information. If your subscription allows access to this information:

► 1 Press the [Menu] key. Select **Calls & Times**.
　 2 Select **Call timers**.
　 3 Select **Balance information**.
　 4 Select **Call** or **Set number**.

When selecting **Call**, if the balance information number is already stored, a call is sent to the balance information centre. If no number is stored, select **Set number** and enter it. Press **OK** to store the number, then select **Call** to call the information centre number.

Reminder - call duration

You can set a duration reminder to beep regularly to remind you of the time spent on your call. The frequency can be any multiple of 1 minute (up to 59 minutes) and a beep is emitted 10 seconds before you reach the set limit..

► 1 Press the [Menu] key. Select **Calls & Times**.
　 2 Select **Call timers**.
　 3 Select **Reminder**.
　 4 Select **On** to activate the Reminder.
　 5 Enter the reminder interval.
　 6 Press **OK** to validate the entry.

Call timers - reset

This feature allows you to reset the call timers. The 4 digit lock code is required to reset the call timers (default lock code: '0000').

► 1 Press the [Menu] key. Select **Calls & Times**.
　 2 Select **Call timers**.
　 3 Select **Reset**.
　 4 Select **Yes**.
　 5 Enter the phone lock code and press **OK**.

■ Call costs - management

Some service providers offer an Advice of Charge (AoC) subscription service allowing you to view the latest call cost, the total calls cost and the remaining balance on your account (once a 'credit limit' has been set).

To display these, you must first set a currency value and enter an average cost per unit (only calls units are displayed if the cost information is not stored).

To set a currency value per Unit:

► 1 Press the [Menu] key. Select **Calls & Times**.
　 2 Select **Call costs**.
　 3 Select **Display cost type**.
　 4 Select **Currency**. The current currency unit value is displayed.
　 5 Select **Modify**. Enter your PIN 2 code and press **OK**.
　 6 Enter the currency name (up to 3 letters). Press **OK** to validate.
　 7 Enter the unit cost (e.g.: 0.15 Euro per minute). Press **OK** to validate.

To set the call cost type to Units:

► 1 Press the [Menu] key. Select **Calls & Times**.
　 2 Select **Call costs**.
　 3 Select **Display cost type**.
　 4 Select **Units**.

⚠ When the cost type is set to Units, the credit limit and the remaining credit are shown in units.

Setting the credit limit (subscription dependent)

You may also be able to set a credit limit to your calls. Once the credit limit has been reached, no more chargeable outgoing or incoming calls are allowed. You can however still make emergency calls.
The PIN2 code is required to set the credit limit.

► 1 Press the [Menu] key. Select **Calls & Times**.
2 Select **Call costs**.
3 Select **Credit limit**. The display indicates the current credit limit set.
4 Select **Edit**. Enter your PIN 2 code and press **OK**.
5 Enter the credit limit (use ⌗ to enter a decimal point for currencies). Press **OK** to validate.

⚠ When a credit limit has been set, the selection from the 'Credit limit' display is Edit or Set no limit.

Show costs

► 1 Press the [Menu] key. Select **Calls & Times**.
2 Select **Call costs**.
3 Select **Show**.
4 Use [Up arrow] and [Down arrow] keys to display the **Last Call** and **All Calls** and show the **Remaining credits**.

⚠ The remaining credit is shown in either units or currency, as set by Cost Type menu above.

Call costs - resetting all costs to zero

To reset all call costs to zero:

► 1 Press the [Menu] key. Select **Calls & Times**.
2 Select **Call costs**.
3 Select **Reset**.
4 Select **Yes**.
5 Enter the PIN 2 number and press **OK**.

■ Recorded call

This sub-menu allows you to play the recorded phone calls. If several phone conversations have been recorded, they are played one after another.

► 1 Press the [Menu] key. Select **Calls & Times**.
2 Select **Recorded call**.

In compliance with European regulations, you are obliged to inform your correspondent before recording a phone conversation.

■ Line selection

Some operators support the use of a second line. You may then have two mobile phone numbers (e.g. a business line plus a personal line). To use them you need to select the line to be used.

► 1 Press the [Menu] key. Select **Calls & Times**.
2 Select **Line selection**.
The current line selection is displayed.
3 Use the [Up arrow] and [Down arrow] keys to scroll to the required line. Press **OK** to validate.

⚠ 1.The Line selection sub-menu may not be available on your mobile. Please contact your service provider for further details about this service.
2. Line 1 and Line 2 can be named (Office and Home for instance). Refer to My number menu (see "My number(s) display", page 43). Whichever line is selected to send calls, incoming calls can still be received on either line.

PHONE BOOK

Phone numbers can be stored in the mobile memory and in the SIM card memory.
- The mobile memory can store up to 500 'extended' cards (called 'Phone book cards'). These cards allow you to store different information types: family name, first name, home number, mobile number, work number, fax number, two mail addresses, postal address, business information, voice tag, group name, card related melody and an associated icon, picture or video.
- The SIM card memory capacity may vary according to your operator or service provider. The SIM memory allows you to store one name, one phone number and one voice tag per card.

Both the SIM and the phone memories are searched when reading the Phone book contents, unless you have previously selected a folder to be scanned when accessing the Phone book (please see "Sorting the Phone book entries so that they can be viewed as separate folders", page 41).
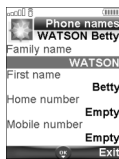
⚠ Press the [Left arrow] key to directly access the Phone book from the standby display.

■ Storing names and telephone numbers

Names and numbers can be stored directly in the Phone book or copied from different sources such as SMS messages, last dialled number list, etc.

There are several ways to store numbers in the Phone books:

Phone names card

From the standby display:

▶ | 1 | Enter the number. Select **Store**.
| 2 | Select **New phone name**.
| 3 | The **Home number**, **Mobile number**, **work number**, or **FAX number** list is displayed, thereby allowing you to select a number type.
| 4 | Enter the card requested data and select **Save** to store the information.

Via the menu:

▶ | 1 | Press the [Menu] key. Select **Phone Book**.
| 2 | Select **Add name**.
| 3 | Select **New Phone name**.
| 4 | Enter the card requested data and select **Save** to store the information.

⚠ The Groups field allows you to identify the caller's type according to entries you have previously set (see "Creating a group of cards", page 42).

Updating a stored phone names card from the phone book:

▶ | 1 | Press the [Menu] key. Select **Phone Book**.
| 2 | Select **Read**.
| 3 | Select the required phone name card from the displayed list, then update the required information. Select **Save** to store your settings.

⚠ You can only update the Home, Mobile, Work or Fax numbers via this route.

The 🖼 icon leads to the Pictures list. You can therefore select one of the registered images (please see "Pictures", page 59) and link it with your phone card.

⚠ 1. You can link about 100 images with your Phone book cards. If the images folder is full (images too big), an error message is displayed.
2. The images remain attached to the Phone book cards even if you have deleted them from the Pictures folder memory. You can modify or delete them one after the other via the Phone book cards (see "Editing a Phone book or a SIM name card", page 40).
3. When sending a Phone book card via the infrared port, the image is automatically sent unless the file is protected.
4. The Image failure icon is displayed on incoming or outgoing calls if a problem related to the image has been detected by the mobile.

SIM names card

From the standby display:

► 1 Enter the number. Select **Store**.

2 Select **New SIM name**.

3 Fill in the available fields and select **OK** to validate your entries.

4 Select **Save** to store the card.

Via the menu:

► 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Add name**.

3 Select **New SIM names**.

4 Enter the name and select **OK**.

5 Enter the number and select **OK**.

6 Select **Save** to store the card.

Updating stored SIM names cards:

► 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Add name**.

3 Select **Update SIM name**.

4 Select the required SIM name card from the displayed list, then update the required information. Select Save to **Store** your settings.

Storing a received number

Numbers stored in the last dialled, received, unanswered call information and SMS message locations can also be stored in the Phone book:

► 1 With a last dialled call, received call, unanswered call or SMS message press on the [Menu] key.

2 For an SMS message, select **Numbers** if the number is contained in an SMS. The message number(s) is/are displayed. Select one if several numbers are available.

2' For received and unanswered calls, select **Store**.

3 Follow the above mentioned procedure to create a phone name or a SIM name card then select **Save** to store the card.

⚠ 1. While entering a number, pressing the [Clear] key once deletes the last character. Holding the [Clear] key deletes the whole number.
2. You can use _ (wild card spaces) to store numbers (wild card spaces cannot be obtained when registering a number from the standby display).
When calling a number containing wild card spaces, select the number from the Phone book, press on the [Menu] key or press on the [Call/Send] key and enter the number corresponding to the wild card spaces (=missing figures).
3. The *, +, p (pause) and _ characters- which are accessible by pressing and holding the ✳ key when registering a number - can be stored as part of numbers.
4. If the SIM card or phone memory are full, a warning message is displayed on the Phone book selection.

Copying names and numbers

When consulting your Phone book you can copy any SIM or phone card to another directory.

► 1 Press the [Left arrow] key or press the [Menu] key then select **Phone Book**.

2 Select **Read**. Scroll to one of the items from the displayed list. Press on the [Menu] key.

3 Select **Copy**, then select one of the available destination directories (**Phone names**, **SIM names**, **SIM fixed**, **My card**). The card content is then automatically copied to the required location.

Copying all names and numbers

When consulting your Phone book for the first time the 'Copy all SIM names to phone?' message is displayed. Select Yes.

You can also, at any time, copy all the names cards from the Phone to the SIM card and from the SIM card to the Phone.

► 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Read**.

3 Press on the [Menu] key.

4 Select **Copy all**.

Moving names and numbers

When consulting your Phone book you can move any SIM or phone card to another directory.

► 1   Press the [Left arrow] key or press the [Menu] key then select **Phone Book**.

2   Select **Read**. Scroll to one of the items from the displayed list. Press on the [Menu] key.

3   Select **Move**, then select one of the available destination directories (**Phone names**, **SIM names**, **SIM fixed**, **My card**). The card content is then automatically moved to the required location.

■ Adding a video to your Phone book card

You can add a video to each of your Phone book cards. This video is played on receipt of an incoming call.

► 1   Press the [Menu] key. Select **Phone Book**.

2   Select **Add name** and then **Phone names**.

3   Scroll Down and select **Video**. Press **OK** to display the Video folder content.

4   Select the required video from the displayed list. Press **OK** to confirm your selection.

5   Select **Save** to store your settings.

⚠   1. If you add a video and a ringtone to your Phone book card, the video sequence only is played and the ringtone is deactivated on receipt of an incoming call.
2. You can only select a video with an audio track. Otherwise the video is not played on receipt of an incoming call and a warning message is displayed.

■ Adding a picture or an icon to your Phone book card

You can add a picture to each of your Phone book cards. This picture can be an icon, an image or a picture you captured

► 1   Press the [Menu] key. Select **Phone Book**.

2   Select **Add name** and then **Phone names**.

3   Scroll down and select **Picture**. Press **OK** to display the Picture folder content.

4   Select the required icon or select 🖼 to display the pictures list, then select the required picture.
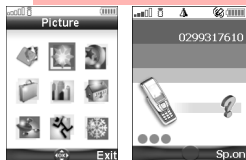
The icons list allows you to store your card with a symbol or an image that is then displayed together with the caller's name on incoming or outgoing calls.

5   Select **Save** to store your settings.

■ Setting a melody, a video or a speech note as a ringtone

You can set a melody, a video or a speech note as a ringtone for each of your Phone book cards. If you set a video as a ringtone the audio track of the video sequence only is played. This ringtone is played on receipt of an incoming call.

► 1   Press the [Menu] key. Select **Phone Book**.

2   Select **Add name** and then **Phone names**.

3   Scroll Down and select **Ringtone**. Press **OK** to display the Ringtone folder content.

4   Select **Melodies** (to set a melody as a ringtone), **Videos** (to set the audio track of a video sequence as a ringtone), **Speech notes** (to set a speech note as a ringtone) or **No sound** (to deactivate the ringtone). Press **OK** to confirm your selection.

5   Select the required melody, video (audio track) or speech note. Press **OK** to confirm your selection.

6	Select **Save** to store your settings.

⚠️ If no melody is set as a ringtone for your Phone book card (No sound selection), the default ringtone or the melody you set as a ringtone (please see "Ringtone selection", page 80)is played on receipt of an incoming call.

■ Editing a Phone book or a SIM name card

From the standby display:

▶	1	Press the [Left arrow] key to access the Phone book.
	2	Scroll down to the card you want to access and select **OK**.
	3	Scroll down to the field(s) you want to modify and amend it/them. Select **Save** to store the changes.

Via the menu:

▶	1	Press the [Menu] key. Select **Phone Book**.
	2	Select **Read**.
	3	Select one of the stored cards.
	4	Press on the [Menu] key.
	5	Select **View**.
	6	Scroll down to the field(s) you want to modify and amend it/them. Select **Save** to store the changes.

You can create a voice dialling pattern on Phone book cards. This voice dialling pattern can only be recorded in edition mode.

Recording a Voice dialling pattern

▶	1	Press the [Left arrow] key to access the Phone book.
	2	Scroll down to the card you want to access and select **OK** or press on the [Menu] key then select **View**.
	3	Scroll down to the **Voice dialling** field and select **OK**. Select **New** to record the voice pattern or press on the [Menu] key then select **Record** if a voice pattern is already recorded and you want to change it. Repeat the name until it is stored (minimum = twice). Pronounce it as clearly as possible and in a quiet environment. When the voice patterns match, **Stored** is displayed.

⚠️ You may have to select the number - the voice dialling pattern has to be attached if several numbers are stored on the card. Select Home number, Mobile number or Work number if you have registered several numbers on a Phone book card.

■ Viewing and calling Phone book numbers

There are two ways of viewing and calling entries stored in the Phone book:
Directly from the standby display:

▶	1	Press the [Left arrow] key to display the Phone book list.
	2	To access the required name, either scroll up or down or press a numeric key to access the different letters associated with the key (e.g: press ② twice to reach the names starting with letter 'B') or type in the required name in the edition area displayed at the top of the screen (you can enter up to 20 characters).
	3	Press the [Call] key or press on the [Menu] key then select Call.

⚠️ When typing in the required name in the edition area, the Multitap mode is only available.

Via the menu:

▶	1	Press the [Menu] key. Select **Phone Book**.
	2	Select **Read** to display the Phone book list, then scroll up and down to the required name or press a numeric key to access the different letters associated with the key. E.g: press ② twice to access the names starting with letter 'B'.
	3	Press the [Call] key or press on the [Menu] key then select Call.

The list of Phone book entries is displayed in alphabetical order.

⚠️ 1. Selecting a group from the Folder selection displays the names/phone numbers of the corresponding group. This group is then displayed when next reading the Phone book contents.
2. Pressing on the [Menu] key displays the following menu choice: View, Call, Add name, Delete, Delete all (Phone names or SIM names), Copy, Copy all, Move, Folder selection(to select All names, the Phone names only, the SIM names only or the groups members), Send by... Infrared port or SMS, Send a message...(an SMS, a Mail or an MMS). Some of these options may not be available according to the selected folder.
3. If several phone numbers are stored on a Phone name card, scroll down to the required number and select it before activating the call.

<u>Sorting the Phone book entries so that they can be viewed as separate folders</u>

You can split the Phone book entries into folders and view either the Phone names, the SIM names or a selected group of entries when reaching the Phone book list.

▶ 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Read**.

3 Press on the [Menu] key.

4 Select **Folder selection**, then choose **All names** (to display all the folders contents), **Phone names** (to display the phone cards only), **SIM names** (to display the SIM cards only) or one of the Groups names (see "Creating a group of cards", page 42) if any.

⚠ The selected folder remains active for further Phone book reading. Please go over the above procedure to select another folder or display the full Phone book list.

◼ Voice dialling

You can make a call by using your voice.

To create a voice pattern:

▶ 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Voice dialling**.

3 Select **New entry**. All name entries are displayed.

4 Use the [Up arrow] and [Down arrow] keys to select the card you want to use and press **OK**. If several phone numbers are registered on a card (e.g. **Home number**, **Mobile number** or **Work number**) select one by pressing **OK**.

5 You are then prompted to pronounce the name at least twice (pronounce it as clearly as possible).**Stored** is displayed when both voice patterns match.

⚠ If the voice patterns do not match, Failed is displayed. Repeat the whole voice registration procedure again.

To view the voice dialling numbers list:

▶ 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Voice dialling**.

3 Select **List**.

4 Use the [Up arrow] and [Down arrow] keys to view the requested entry.

5 Press on the [Menu] key to play the voice pattern, select **Play Back**, to remove voice tag from the voice dialling list, select **Erase**, or to create a new voice pattern select **Record**.

To remove all phone numbers from the voice dialling list:

▶ 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Voice dialling**.

3 Select **Delete all**.

To call a phone number using a voice pattern:

▶ 1 From the standby display, press and hold the call key.

2 Pronounce the name as clearly as possible.

3 The name called as well as an animated icon 📱 are then displayed and the call proceeds as normal.

◼ Free space in the Phone book

To view the remaining capacity in the Phone book:

▶ 1 Press the [Menu] key. Select **Phone Book**.

2 Select **Storage used** to get to the Phone names Storage used; press the [Down arrow] key to get to the SIM card Storage used.

⚠ If available, the free memories in the FDN list are also displayed. Please see "Fixed dialling numbers", page 43 for more information on FDN numbers.

■ Creating a group of cards

Groups of cards can be defined for the Phone book. This feature allows you to group certain cards and to play a specific melody on receiving an incoming call from one of the group members.
To create a group:

► **1** Press the [Menu] key. Select **Phone Book**.
  2 Select **Groups**.
  3 Select any blank template **[...]** and select **OK**. The following items are displayed:

ITEM	FUNCTION
Group name	To enter and store a group name.
Ringtone	To select a melody to be used as a ringtone on group member calls.

  4 Enter or select the requested data. Press **OK** to validate.
  5 Press **Save** to store the defined group.

Groups' characteristics can be modified or deleted (when in the Groups menu, select OK to amend the settings or select Delete to erase the group).
To modify a group:

► **1** Press the [Menu] key. Select **Phone Book**.
  2 Select **Groups**.
  3 Select the group to be modified and select **OK** then select the group name and/or the ringtone. Select the new parameters (name/melody).
  4 Select **Save** to store your settings.

To select a group when storing a number:

► **1** Repeat the Phone names storage procedure (see "Storing names and telephone numbers", page 37) and fill in the Phone names card.
  2 Scroll down to **Groups** and select **OK**.
  3 Select one of the displayed groups from the list.
  4 Select **Save** to store your settings.

⚠ Groups can only be set for the Phone names cards (not for the SIM names cards).
To view group members:

► **1** Press the [Menu] key. Select **Phone Book**.
  2 Select **Groups**.
  3 Select the required group name and Press on the [Menu] key.
  4 Select **Members**. The group members list is displayed. Please use the same procedure as when in the phone book to reach the required name.

■ My card

My card is a specific storage location where you can enter personal data. You can easily access My card and send its contents to another device via the infrared port or SMS.
My card contents is identical to the phone cards contents except for the Groups and Voice dialling fields.
To enter My card data set:

► **1** Press the [Menu] key. Select **Phone Book**.
  2 Select **My card**.
  3 Select **View** and enter the requested information as for a Phone book card (validate each entry by selecting **OK**).
  4 Select **Save** to store your card.

To send My card via the Infrared port or by SMS:

► **1** Press the [Menu] key. Select **Phone Book**
  2 Select **My card**.
  3 Select **Send by...** then select **Infrared port**: the infrared port automatically opens and sends the card. Or select **SMS**, then enter the mobile number to send the card to or select it via the options list (press on the [Menu] key) then select **Names list** and press **OK**.

■ My number(s) display

The phone can display your main line (Line 1) mobile number, the mobile number for Line 2 (Alternate Line Service) and your data and fax numbers (these are SIM card dependent). These numbers may be stored in the SIM card. You can also enter them manually.

To view, name and edit your own number(s),

► **1**   Press the [Menu] key. Select **Phone Book**.

   2   Select **My numbers**. The mobile number for Line 1 is displayed if it is stored in the SIM card. If not, select **Edit** and enter your number and your name (select **OK** to save the entered information). You can access an options list to help you store the required information.

ITEM	FUNCTION
Codes	To select one of the pre-stored international country codes from the list. The selected code is then inserted at the beginning of your number.
Copy all	To copy the full number in order to paste it in another edition screen.
Paste	To paste a copied number.
Clear all	To delete all the typed characters from the current edition window.

   3   Scroll down to view or enter Line 2, your data and fax numbers.

⚠ 1. Line 2, data and fax numbers can only be accessed if your SIM card has these subscriptions.
2. My numbers availability depends on your service provider.

■ Fixed dialling numbers

Fixed dialling is a feature that restricts outgoing calls to 'fixed' numbers or 'prefixes' contained in SIM cards that support this feature. When the Fixed Dialling Numbers (FDN) feature is activated, dialling numbers, diverting calls and sending SMS to numbers not registered in the FDN list is forbidden. The number of FDN entries to be stored depends on the SIM card capacity. Activating the FDN feature or registering numbers in the FDN list is PIN 2 protected (contact your service provider to get the PIN 2 number).

The following menu (Fixed dialling) and operations are only available on your mobile if your SIM card allows fixed dialling.

To activate or deactivate FDN operation:

► **1**   Press the [Menu] key. Select **Phone Book**.

   2   Select **Fixed dialling**. Select **Status**.

   3   Select **On** or **Off**. Enter the PIN2 number.

   4   Select **OK** to validate.

⚠ The Fixed dialling sub-menu may not be available on your mobile. Please contact your service provider for further details.

To view the numbers stored in the FDN list:

► **1**   Press the [Menu] key. Select **Phone Book**.

   2   Select **Fixed Dialling**.

   3   Select **View** to view the FDN list entries. Press on the [Menu] key to you to view, call, add a name, delete, copy or move numbers to the phone or SIM card memory, but also to send these numbers by Infrared port or SMS, or send a message (an SMS, a Mail or an MMS).

To add a new number to the FDN list:

► **1**   Press the [Menu] key. Select **Phone Book**.

   2   Select **Fixed dialling**.

   3   Select **Add new**.

   4   Enter your PIN2 code and press **OK**;

   5   Fill in the displayed fields as in any SIM name card then select **Save** to store your settings.

⚠ 1. Wild card spaces can be used with the numbers stored in the FDN list. E.g. number +441707 278_ _ 9 allows calls to all numbers from 278009 to 278999 to be dialled. The number can be edited and dialled from the standby display.
2. You may be asked to enter your PIN2 code.

■ Export

The purpose of the Export feature is to allow you to send the Phone book contents to another device (e.g. a pc) via the infrared port or by SMS.

► **1**   Press the [Menu] key. Select **Phone Book**.

2   Select **Export...**, then select **Yes.** The entire contents of the Phone book are exported and grouped together in a Vcard file and stored in **Fun & Media box**/**Others**.

⚠   When exporting a Vcard file you can directly send it via the infrared port or by SMS.

CAMERA

Camera & Video
Camera ⬥ Exit

The camera application allows you to take pictures with your mobile. These pictures can then be used to:
- personalise your standby display, your Welcome or your Goodbye screen (please see "Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder", page 60),
- be sent to other devices (mobile phones, PC) by Mail (see "Settings", page 72), MMS (see "Quick access to i-mode basic features", page 79) or via the infrared port (see "Infrared port", page 23),
- personalise your phone cards (see "Phone names card", page 37).
You can choose from 5 picture size types: Large (1280x960 pixels), Normal (640x480 pixels), Small (320x240 pixels), Wall paper (176x240 pixels) or Messaging (160x120 pixels).
The Mitsubishi M420i includes a 615 000 pixel CCD pick-up device that enables 1.23-megapixel images to be obtained through interpolation.

The use of the camera and the sending, forwarding and reproduction of the pictures taken are subject to property and privacy rights. Do not take a picture unless authorised.

■ Mobile positioning

Front: Back:
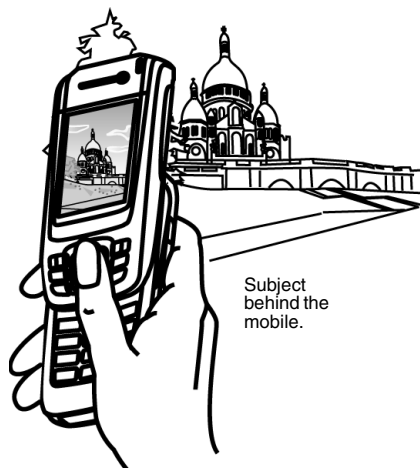
Subject facing the mobile and looking in the mirror (A) before shooting (B).

Subject behind the mobile.

1

2
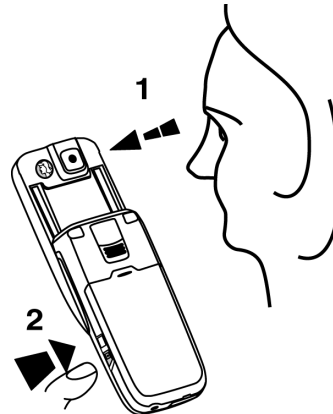
⚠ 1. Please check that the position of the subject on the screen or on the mirror is correct.
2. You can activate the Camera application directly by pressing the [Camera/Video] side key from the standby display.

■ To access the camera application

You can access the camera application via three ways:
► 1 Slide the screen up.
  2 From the standby display, press the [OK] key.

or:

or:

⚠   1. The infrared port automatically closes when the camera application is accessed.
     2. Sliding the screen down closes the camera application.

■ The Camera related icons and shortcuts

Here is the way information related to the Camera application and its state while in use is displayed. The screen shot below is a preview example; the Camera related icons described in the table below are the ones which can be displayed while using the Camera features. The features described in this table are further explained in the chapter.

Camera related icons

	Lower part:	
	📷	Camera application activated.
	160 176 320 120 240 240 640 1280 480 960	Picture resolution (size): Messaging (160x120 pixels), Wall paper (176x240 pixels), Small (320x240 pixels), Normal (640x480 pixels) and Large (1280x960 pixels).
	⏱	Self timer activated.
	▧ ▨ ▩	Image quality modes: Super fine, Fine, Economic.
	◖ ✵ ⚘ ⛰ ☀ ▪ ▦ ▨	Modes: Night, Sport, Scenery, Sensitive, Backlight, Monochrome, Sepia and Negative.
	◪	Brightness activated.
	◑	Contrast activated.
	❅ ☀ ☀	White balance: Indoor fluo, Indoor lamp, Outdoor
	▽ △	Sharpness: Sharp, Soft
	2x 4x 8x	Zoom (= zoom levels)
	In settings panels:	
	▧ ▨ ▩	Image quality modes: Super fine, Fine, Economic.
	◉ ◖ ✵ ⚘ ⛰ ☀ ▪ ▦ ▨	Modes: Full auto (standard mode), Night, Sport, Scenery, Sensitive, Backlight, Monochrome, Sepia and Negative.
	▬▬◪▬	Brightness gauge (= to set the brightness level)
	▬▬◑▬	Contrast gauge (= to set the contrast level)
	◉ ❅ ☀ ☀	White balance: Automatic, Indoor fluo, Indoor lamp, Outdoor
	◉ ▽ △	Sharpness: Normal, Sharp, Soft
	1x 2x 4x 8x	Zoom (= zoom levels)

⚠   When using the Full auto (Mode), Automatic (White balance) or Normal (Sharpness) modes, no symbol is displayed.

For picture-taking, here are the keys to be used:

Navigation key
[Ok/Camera] key

[Up] side key
[Camera/Video] side key
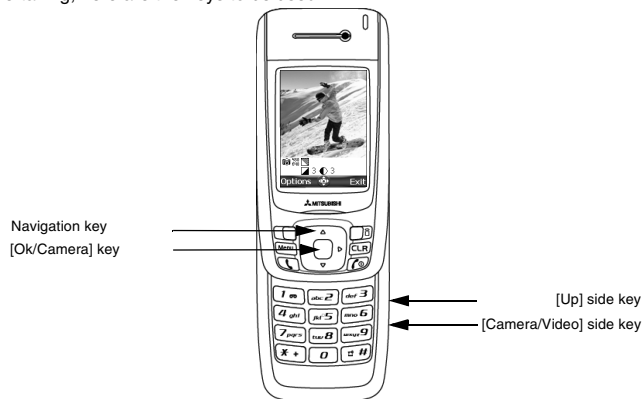
Available shortcuts

Each of the camera-related keys has several functions. While using the camera feature, please use the keypad as follows:

KEYS	DESCRIPTION
[Camera/Video] side key	To capture an image (for self-portraits).
[OK] key	To capture an image (for scenery shots).
[Up arrow] key	To access the Zoom panel and to scroll to the next setting type.
[Down arrow] key	To access the Quality panel and to scroll to the next setting type.
[Left arrow] key	To access the Brightness panel.
[Right arrow] key	To access the Mode panel.

⚠ 1. The settings described above are to be accessed via the Preview mode only.
2. Please refer to the Adjusting the preview for full details on the setting types and related icons.

■ Taking a picture

The pictures are stored in the Pictures sub-folder of the Fun & Media box.
► 1 Place the subject in front of the camera lens ("Mobile positioning", page 45).
2 Press **OK** to capture your picture.

⚠ 1. When a picture is taken the shutter sound is played.
2. The Shutter sound is a 'Camera-like' sound that is heard when a picture is captured.
3. You may not be able to deactivate nor mute the shutter sound option on your mobile.
4. You cannot take a picture while a communication is in progress.

■ Storing/erasing your picture

When a picture has just been taken (please see "Taking a picture"), the file name and the «Keep this photo?» message is displayed.
► 1 Select **OK** to store the picture or select **Clear** to erase it.
The picture is stored in the Pictures folder of the Fun & Media box menu (see "Pictures", page 59). The picture file is stored as a .jpeg file.

An Options list is available (Press on the [Menu] key):

OPTIONS	DESCRIPTION
Send by...	To send the picture by Mail, by MMS or via the infrared port.
Set as...	To set your picture as a standby display for the idle, as a Welcome screen or as a Goodbye screen.
Full screen	To view your image in full screen.
Delete	To delete the current picture.
Details	To display information about the file Name, the Title, the Author (the device name), the Resolution (width x height in pixels), the Size, the Storage date, the File protection status, the Copyright of the picture. The empty fields are not displayed.

To select a storage space

You can choose, before launching the Camera application, the space the picture should be stored on (useful if the current storage space is full and prevents you from running the Camera application):

▶ 1 From the standby display, press the [Menu/T9] side key. Select **Camera/Video**.

2 Select **Storage**.

3 Select **Camera storage**, then choose **Phone memory** or **Memory card**.
All the captured pictures are then automatically stored on the selected storage space.

■ Adjusting your picture

You can adjust several setting types before taking a picture. These settings can be accessed from the options menu or from the preview screen by scrolling with the [Up arrow] and [Down arrow] keys.

To switch to the video application

This item allows you to switch from the camera application to the video application to record a video.

▶ 1 Press **Option**. Select **Video recorder**.

2 Press **OK** to confirm your selection.

To select the image size

▶ 1 Press on the [Menu] key. Select **Settings** and **Resolution**.

2 Select the **Large**, the **Normal**, the **Small**, the **Wall paper**, or the **Messaging** mode.

3 Press **OK** to confirm your selection and then **Save** to store your settings.

⚠ 1. The Wall paper allows you to set your picture as an Idle screen, as a Welcome or a Goodbye screen.
2. If you wish to send your image by Mail or MMS, we advise you choose the Messaging mode.

To select the image quality

This setting allows you to choose a quality level for your picture. The better the quality (sharpness of the displayed image), the bigger the file size. If you wish to send your image by Mail or by MMS, we advise you choose the Economic mode.

▶ 1 Press on the [Menu] key. Select **Settings** and **Quality**. Or press the [Down arrow] key to access the Quality feature

2 Select the **Super Fine**, the **Fine** or the **Economic** mode.

3 Press **OK** to confirm your selection and then **Save** to store your settings.

To select the zoom setting

▶ 1 Scroll up or down. Select **Zoom**. Or press the [Up arrow] key to access the zoom feature.

2 Select one of the zoom levels by scrolling left or right.

3 Press **OK** to confirm your selection.

⚠ The available zoom levels depend on the selected picture resolution.

To access the mode setting

This setting allows you to choose the colour and exposure mode before taking the picture in order to optimise the picture quality according to the conditions.

► **1** Scroll up or down. Select **Mode**. Or press the [Right arrow] key to access the mode feature.

2 Select the **Full auto**, the **Night** (dark context), the **Sport** (moving subject), the **Scenery** (to capture a landscape picture), the **Sensitive** (automatic light setting), the **Backlight** (to avoid any backlighting), the **Monochrome** (to take a black & white picture), the **Sepia** (to have a retro effect) or the **Negative** (to have a colour reverse effect) mode.

3 Press **OK** to confirm your selection.

⚠ The Sport mode should be used for outdoor pictures.

To set the white balance

► **1** Scroll up or down. Select **White balance**.

2 Select **Automatic**, **Outdoor**, **Indoor lamp** or **Indoor fluo**.

3 Press **OK** to confirm your selection.

To select the brightness

► **1** Scroll up or down. Select **Brightness**. Or press the [Left arrow] key to access the brightness feature.

2 Select one of the seven brightness levels.

3 Press **OK** to confirm your selection.

To select the contrast level

► **1** Scroll up or down. Select **Contrast**.

2 Select one of the seven contrast levels.

3 Press **OK** to confirm your selection.

To set the image sharpness

► **1** Scroll up or down. Select **Sharpness**.

2 Select **Normal**, **Soft** or **Sharp**.

3 Press **OK** to confirm your selection.

To access the self timer

The self timer offers the possibility of taking a delayed picture, thereby enabling you to be in the picture.

► **1** Press on the [Menu] key. Select **Self timer**.

2 Select **On**.

3 Press **OK** to launch the countdown.
The 10 seconds countdown is displayed. The capture is automatically performed when the countdown is over.

⚠ If an event occurs (Mail, MMS reception...) or the mobile's behaviour is modified (any key pressed, sliding the screen up or down...) after the countdown has started, the self timer is automatically stopped and set to Off. Once the event has been processed, the mobile returns to the preview screen.

To adjust the shutter sound level

This option allows you to adjust the shutter sound level.

▶ 1   Press **Option**. Select **Settings** and **Shutter sound**.

2   Scroll up or down to adjust the shutter sound level.

3   Press **OK** to confirm your selection and then **Save** to store your settings.

⚠ You cannot deactivate or mute the shutter sound Option on your mobile

To add a frame to your picture

This option allows you to add a frame before taking a picture:

▶ 1   Press **Option**. Select **Frame**.

2   Select a frame from the frames list.

3   Press **OK** to confirm your selection.

For more details on the frames please refer to the Frame section (page 64).

■ How to view your picture

You can view the pictures that have just been taken or stored on your mobile (see "Pictures", page 59).
To view the pictures that are stored in the Fun & Media box Pictures folder:

▶ 1   From the standby display, press the [Menu] key. Select **Fun & Media box**.

2   Select **Pictures**, then select the required picture.

43   Press **OK**.

■ To access the camera application from another application

The Camera application can be activated from the Options menu whilst using other applications on the mobile. In this case, the available resolution types vary according to the application. The camera-accessible applications are the following:

APPLICATIONS	AVAILABLE RESOLUTION
Phone book	Wall paper and Messaging.
Settings (standby display for idle, welcome or goodbye screen)	Wall paper and Messaging.
Mail, i-mode Mail, MMS	All (If you wish to send an image by Mail, Mail or MMS, the image may be automatically resized).

To access the camera application from the Phone book:

▶ 1   Press the [Up] side key. Select **Phone Book**.

2   Select **Add name**, then **New phone names** or **Update phone names**.

3   Once in the phone card, select **Picture** then select 📷.

4   From the picture browser, Press on the [Menu] key.

5   Select **Camera**.

To access the camera application from the Settings menu:

▶ 1   Press the [Up] side key. Select **Settings**.

2   Select **Display** then **Standby screen**.

3   Select **Idle screen, Welcome screen** or **Goodbye screen.** Scroll down to **My Picture**.

4   From the picture browser, press on the [Menu] key.

5   Select **Camera**.

To access the camera application from the Mail menu:

▶ 1   From the standby display, select **Mail** ([Left] softkey) or select **i-mode** then **Mail**.

2   Select **Compose mail,** scroll down to the **Attachment** field, press **OK** and select **Pictures**.

2'   Or select **Compose MMS**, select **SMIL** and then **Add image**.

3   From the pictures browser, press on the [Menu] key.

4   Select **Camera.**

⚠ If a call is in progress, access to the camera is not possible.

VIDEO

This application allows you to record and play videos up to 5 MB (about 10 minutes time) with your mobile. These videos can bear sound. They can be recorded as several sequences (on a single file) via the Pause mode.

You can send those videos to other devices (mobile phones, PC) by Mail, MMS, or via the infrared port, you can even attach videos to your phone cards (see "Storing names and telephone numbers", page 37). Two video size types are available: Normal (QCIF format: 176x144 pixels) and Small (sub-QCIF: 128x96 pixels). The file extension type supported by the video application is .3gp.

The use of the video recorder and the sending, forwarding and reproducing of the videos are subject to property and privacy rights. Do not make videos unless authorized.

■ Mobile positioning

Front: Back:
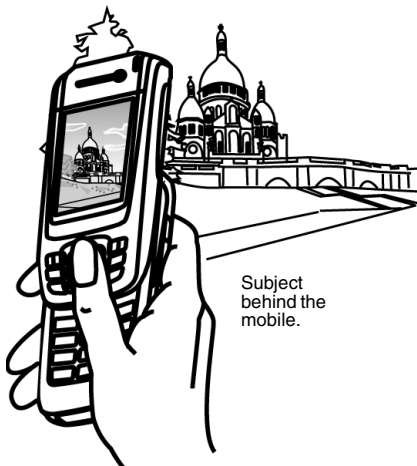
Subject facing the mobile and looking in the mirror (A) before filming (B).

Subject behind the mobile.
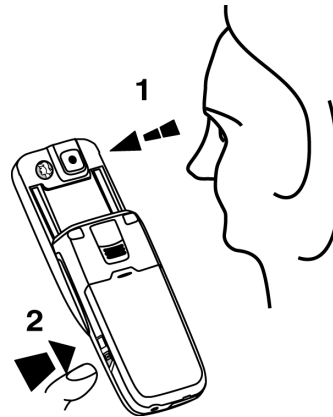
1. Please check that the position of the subject on the screen or in the mirror is correct.
2. You can activate the Video application directly by pressing and holding the [Camera/Video] side key.

■ To access the video application

You can access the video recorder application in the following way:

▶ 1   Slide the screen up.
    2   From the standby display, press and hold the [OK] key or the [Camera/Video] side key.

or:

▶ 1   Slide the screen up.
    2   From the Standby display, press the [Menu] key. Select **Camera/Video**.
    3   Select **Film a video**.

1. The infrared port automatically closes when the video application is accessed.
2. Sliding the screen down closes the video application.

▪ Video related icons and shortcuts

Here is the way information related to the Video application and its state while in use displayed. The screen shot below is a preview example; the Video related icons described in the table below are the ones which can be displayed while using the Video features. The features described in this table are further explained in the chapter.

Video recorder icons

Upper part:	
	Video application activated.
176 144 128 96	Video resolution (size): Normal (QCIF format: 176x144) and Small (sub-QCIF format: 128x96).
	Video quality modes: Super fine, Fine, Economic.
2x 3x 4x	Zoom (= zoom levels)
	Self timer On
Lower part:	
	Video quality modes: Super fine, Fine, Economic.
	Brightness gauge (= to set the brightness level)
1x 2x 3x 4x	Zoom (= zoom levels)
	Video Size limit
	Microphone On
	Microphone Off
●	Record symbol: press on the [OK] key or on the [Camera/Video] side key to launch the recording.
❚❚	Pause symbol: press on the [OK] key or on the [Camera/Video] side key to pause the recording.
■	Stop symbol: press on the [Right] softkey or on the [Up] side key to stop the recording.
	When in recording mode, the gauge fills in with red colour to indicate the recording progress.
02:10	Duration of the current video sequence.
25/300KB	Weight of the current video sequence.

Video player icons

Icons:	
▶	Play symbol: press on the [OK] key or on the [Camera/Video] side key to launch the playback.
❚❚	Pause symbol: press on the [OK] key or on the [Camera/Video] side key to pause the playback.
■	Stop symbol: press on the [Right] softkey or on the [Up] side key to stop the playback.
	Sound level from ▯ (no sound) to ▮. The icon ▨ appears when no audio track is available.
	When in playback mode, the gauge fills with green to indicate the playback progress.
↻	Loop mode activated.
00:04	Duration of the current video sequence.
00:10	Total duration of the current video sequence.

For video-filming, here are the keys to be used:

Navigation key

[Ok] key

[Right] softkey

[Up] side key

[Camera/Video] side key
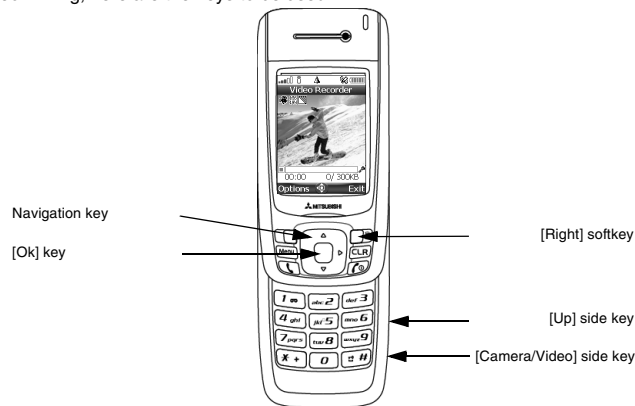
Available shortcuts

Each of the video-related keys has several functions. While using the video feature, please use the keypad as follows:

	KEYS	DESCRIPTION
	[Up] side key (used for self-filming)	To stop the Recording
	[Camera/Video] side key (used for self-filming)	To launch the Recording in Preview or Pause mode. To launch the Pause mode in Recording.
	[OK] key	To launch the Recording in Preview or Pause mode. To launch the Pause mode in Recording.
	[Up arrow] key	To access the Zoom panel and to scroll to the next one.
	[Down arrow] key	To access the Quality panel and to scroll to the next one.
	[Left arrow] key	To access the Brightness panel.
	[Right] softkey	To stop the Recording.

⚠ The settings described above are to be accessed via the Preview mode only.

■ Filming a video

You can record videos up to 5 MB. During the recording, sliding down the screen sets the recording to stop.

► 1 Place yourself or the subject in front of the mobile so that the image is displayed on the screen.

2 Adjust the required settings (see "Adjusting the preview", page 54).

3 Press **OK** to launch the recording.

4 Select **Stop** ([Right] softkey) to stop the recording.

An Options list is then available:

OPTIONS	DESCRIPTION
Play	To play the recorded video.
Send by...	To send the video by Mail, by MMS or via the infrared port.
Set as...	To set the video as Idle screen, Incoming call, Alarm, Message alert or New mail alert.
Delete	To delete the current video.
Details	To display information about the file Name, the Resolution (width*height in pixels), the Duration of the video, the Size, the Storage date, the File protection status. The empty fields are not displayed.

⚠ When the record mode is launched the shutter sound is played.

Setting the video to Pause

This mode allows to record several sequences on a single file. During the recording you can pause your video in the following way:

▶ **1** During the recording, press **OK**.
2 Press **OK** to restart the Recording.

■ Storing/erasing your video

When a video has just been recorded, the file name and the «Keep this video?» message are displayed.

▶ **1** Select **OK** to store the video or select **Clear** to erase it .

The video is automatically stored in the Video sub-folder of the Fun & Media box menu (see "Video", page 57).

To select a storage space

You can choose, before launching the Video application, the space the video should be stored on (useful if the current storage space is full and prevents you from running the Video application):

▶ **1** From the standby display, press the [Menu/T9] side key. Select **Camera/Video**.
2 Select **Storage**.
3 Select **Video storage**, then choose **Phone memory** or **Memory card**.
All the captured pictures are then automatically stored on the selected storage space.

■ Adjusting the preview

You can adjust several setting types before making a video. These settings can be accessed from the option menu or from the preview screen by scrolling with the [Up arrow] and [Down arrow] keys.

To switch to the camera application

This item allows you to switch from the video application to the camera application to take a picture.

▶ **1** Press on the [Menu] key. Select **Camera**.
2 Press **OK** to confirm your selection.

To select the image size

▶ **1** Press on the [Menu] key. Select **Settings** and **Resolution**.
2 Select the **Normal** or the **Small** mode.
3 Press **OK** to confirm your selection and then **Save** to store your settings.

To select the image quality

This setting allows you to choose a quality level for your video. The better the quality, the bigger the file size. If you wish to send your video by Mail or by MMS, we advise you choose the Economic mode.

► **1** Press on the [Menu] key. Select **Settings** and **Quality**. Or press the [Down arrow] key to access the Quality feature.
2 Select the **Super fine**, the **Fine** or the **Economic** mode.
3 Press **OK** to confirm your selection and then **Save** to store your settings.

To select the brightness

► **1** Scroll up or down. Select **Brightness**. Or press the [Left arrow] key to access the Brightness feature.
2 Select one of the seven brightness levels.
3 Press **OK** to confirm your selection.

To select the zoom setting

► **1** Scroll up or down. Select **Zoom**. Or press the [Up arrow] key to access the Zoom feature.
2 Select one of the zoom levels by scrolling left or right.
3 Press **OK** to confirm your selection.

To access the video size limit setting

You can determine the size limit you wish to set for your video file. You can choose whether you allow the video to reach its maximum allowed size (5 MB) - you can of course stop the video recording when you wish to - or if you prefer the mobile to automatically stop the recording when the available limit for Mail or MMS sending is reached.

► **1** Press on the [Menu] key. Select **Settings** and **Video size limit**.
2 Select **Short mail, Long mail** or **Maximum size**.
3 Press **OK** to confirm your selection and then **Save** to store your settings.

⚠ The Short mail and Long mail values depend on your operator (min: 100 KB, max: 300 KB).

To access the microphone setting

This setting allows you to activate or mute the microphone during the recording.

► **1** Press on the [Menu] key. Select **Microphone**.
2 Select **On** or **Off**.
3 Press **OK** to confirm your selection.

To access the self timer

The self timer offers the possibility of recording a delayed video, thereby enabling you to be in the video.

► **1** Press on the [Menu] key. Select **Self timer**.
2 Select **On**.

⚠ If an event occurs (Mail, MMS reception...) or the mobile's behaviour is modified (any key pressed, sliding the screen up or down...) after the countdown has started, the self timer is automatically stopped and set to Off. Once the event has been processed, the mobile returns to the preview screen.

To display/conceal information icons

This option allows you to activate or conceal the mobile information status icons display on top of the screen (see "Video recorder icons", page 52)

▶ **1** Press on the [Menu] key Select **Settings** and **Info**.

2 Select **On** (the icons are displayed) or **Off** (the icons are not displayed).

3 Press **OK** to confirm your selection and then **Save** to store your settings.

To adjust the shutter sound level

This option allows you to adjust the shutter sound level.

▶ **1** Press **Option**. Select **Settings** and **Shutter sound**.

2 Scroll up or down to adjust the shutter sound level.

3 Press **OK** to confirm your selection and then **Save** to store your settings.

⚠ You cannot deactivate or mute the shutter sound Option on your mobile

■ How to play your video

You can watch a video that has just been recorded before storing it in the following way:

▶ **1** Press on the [Menu] key.

2 Select **Play**.

You can also watch a video that is stored in you mobile in the Fun & Media box (please see "To play a video", page 57).
During the Play mode, during the Pause mode or when the video is stopped, an Options menu is available (Press on the [Menu] key - please see "To play a video", page 57).

FUN & MEDIA BOX

This menu groups and manages all the images, melodies, videos, speech notes, frames, Games and Java applications contained in the mobile as well as all the files received via the i-mode browser, the infrared port, Mail, MMS or SMS.

■ Video

This sub-menu allows you to play videos that are stored on your mobile (see "Video", page 51). You can also send/receive these videos by Mail, MMS or via the Infrared port. The video file format supported by your mobile is .3gp.

To access videos stored on your mobile
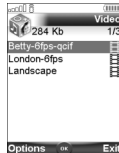
▶ 1 Press the [Menu] key. Select **Fun & Media box**.
  2 Select **Video**.
  3 Scroll up and down to select the required video or select the required folder (press **OK** to view its content) then the required video. An Options menu is then available (Press on the [Menu] key):

OPTIONS	DESCRIPTION
Play	To play the selected video.
Send by...	To send the selected video by Mail, by MMS or via the Infrared port.
Set as...	To set the video as Idle screen, Incoming call, Alarm, Message alert or New mail alert.
Delete	To delete the current video.
Delete all	To delete all the videos in the current folder.
Multiple selection	To select several videos (by pressing OK). Press OK to unselect a ticked video. Press on the [Menu] key to access Send by... (Infrared port), Delete, Move to (to one of the Video sub-folders), Copy to (a folder of Videos), Select all (to select all the files of the current folder), Unselect all (to unselect all the ticked files).
Move to	To move the selected file to one of the Videos sub-folders.
Copy to	To copy the selected file in one of the Videos sub-folders.
New folder	To create a new folder in the Videos sub-folder (available only if the selection is not a folder already).
Rename	To rename the selected video.
Details	To view the current file name, size, storage date and file protection status information.
My preferences	To sort the stored videos (by date, name, size).

If the selection is a sub-folder, another Options list is available (press on the [Menu] key).

To play a video

▶ 1 The video playing is automatically launched.
  Press the [OK] key if you wish to re-start the video playing.

During the Play mode, during the Pause mode or when the video is stopped you can access the following options list (Press on the [Menu] key):

OPTIONS	DESCRIPTION
Sound volume	To set the sound volume level (from 0 to 7).
Full screen	To play the video on full screen.
Loop mode	To play the video repeatedly.
Send by...	To send the current video via the infrared port, by an MMS or by a Mail.
Details	To display information about the file Name, the Title, the Author (the device name), the Resolution (width*height in pixels), the Duration of the video, the Size, the Storage date, the File protection status, the Description (if a text is attached to the video file), the Copyright of the recorded video, the Restriction status. The empty fields are not displayed.

⚠ 1. When the video track cannot be played or if there is no video track, the audio track only is played. The «Audio only» message is displayed.
2. You cannot play a video while a communication is in progress.
3. If an event (alarm, SMS receipt...) occurs while a video is being played, the playback is stopped.

To play the videos that you received by Mail or by MMS, please see "To view the received iMails and iMMS list", page 76.

While playing the video you can use the following shortcuts:

KEYS	DESCRIPTION
⓪	To mute the sound volume.
From ① to ⑦	To set the sound volume level (from 1 to 7).
✳	To activate/deactivate the loop mode.
#	To activate/deactivate the full screen mode.
▭	To launch the Playback mode while in Stop mode or in Pause mode. To pause the video in Playback mode.
△	To increase the sound volume level by one level (short press) or by several levels (long press).
▽	To decrease the sound volume level by one level (short press) or by several levels (long press).
▭	To stop the Playback.

Full screen option

This option allows you to watch videos on full screen. Please hold your mobile horizontally to enjoy an optimised display of the video. You can use the side keys to play, pause or stop the video or to set the sound volume.

Restrictions

Some of the videos you received by Mail, by MMS, via the i-mode or the infrared port may bear restrictions:

RESTRICTIONS	DESCRIPTION
Restricted number of playable times	The video can be played a pre-determined number of times.
Deadline restriction	The video can be played until a pre-determined date.
Playable span time	The video can be played during a pre-determined duration from its downloading date.

⚠ Each time a restricted video is launched, a warning message is displayed before the Playing, thus informing on the remaining span time, number of remaining allowed playing times, etc.

Receiving videos via the infrared port

▶ **1** Open your Infrared port (see "Infrared port", page 23).

2 Make sure the infrared port of the other appliance is facing your mobile infrared port. Your mobile infrared port automatically opens when the other appliance sends the file.

3 When you have received a video, press on the [Menu] key then select **Play** to watch the video, select **Details** to view the current file name, resolution, duration, size, storage date and file protection status information or select **Delete** to erase it.

■ Pictures

The Pictures sub-menu allows you to view and set stored (via the Camera and the Infrared port) still and animated images (animated .gif) as an Idle screen, a Welcome or a Goodbye screen in order to configure and personalise your mobile screen (see "Display", page 81). The picture formats supported by your mobile are .wbmp, .gif, .ifm, .jpg, .png.

Idle screen
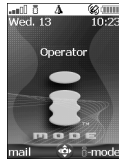
Welcome screen/
Goodbye screen

You can download images via the i-mode browser and mailer, via the Infrared port and by MMS. It is then possible to store them and/or set them as an Idle screen, a Welcome screen or a Goodbye screen.
Your mobile allows you to set one Idle screen, one Welcome screen or one Goodbye screen from the downloaded and/or stored images (to download and store images, see the following sections).

Pictures browser

The Pictures browser allows you to display the stored images as a list or as a mosaic. When the pictures are displayed as a list the screen is divided into two parts: the image names list and the selected image. When they are displayed as a mosaic (Thumbnails mode: see 'Options/My preferences' below) the screen contains a mosaic of pictures and the name of the selected image.

Viewing an image

► 1 Press the [Menu] key. Select **Fun & Media box**.
2 Select **Pictures**.
3 Scroll down the images list or mosaic. Select the required image or select **a folder** to view its contents (press **OK**).
4 Press **OK** or **Options** and **View** to view the selected image in full size.

Options

The Pictures folder Options list contains the following items:

OPTIONS	DESCRIPTION
View	To view the full image and name.
Set as...	To set the image as an Idle screen, as a Welcome screen on switching on your mobile or as a Goodbye screen on switching it Off.
Send by...	To send the image via infrared port, by Mail or by MMS.
Delete	To delete the current image.
Delete all	To delete all the pictures of the current folder.
Multiple selection	To select several images (by pressing OK). Press OK to unselect a ticked image. Press on the [Menu] key to access Send by... (Infrared port), Delete, Move to (a folder of Pictures), Copy to (a folder of Pictures), Select all (to select all the files of the current folder), Unselect all (to unselect all the ticked files).
Move to	To move the current image to the Pictures folder, to one of the Pictures sub-folders.
Copy to	To copy the current image to the Pictures folder, in one of the Pictures sub-folders.
New folder	To create a sub-folder in the Pictures folder (available only if the selection is not a folder already).
Rename	To rename the current picture.
Details	To show the name, resolution, size, storage date and protection status of the current file.

My preferences	To sort the stored images (by date, name, size) and select a view mode (List, Thumbnails 4 - to display a 4-picture mosaic) and to change the Picture browser mode.

⚠ 1. If the selection is a sub-folder, an Options list is available (Press on the [Menu] key).

2. The sending of an image may not be allowed if it is exportation (copyright) protected (the 'File protected' message is then displayed).

3. To send an image via the infrared port please see "Infrared port", page 23. To send an image via Mail (mail or MMS), please see "Mail system", page 73.

4. Error messages may be displayed when setting, viewing or storing an image:'File too big': Please see "Error messages", page 94; 'Decoding failure': the image cannot be viewed by the mobile.

When viewing an image, an **Options** menu is available (Press on the [Menu] key):

OPTIONS	DESCRIPTION
Full view	To view the picture in full screen.
Set as...	To set the image as an Idle screen or as a Welcome screen on switching on your mobile or as a Goodbye screen on switching it Off.
Send by...	To send the picture via the Infrared port (the infrared port is automatically open), by Mail or by MMS.
Delete	To delete the current picture.
Slide show	To display automatically all the pictures of a folder one after another.
Add frame...	To add a frame to the current picture.
Rotate...	To rotate the picture to the right (90°), to the left (90°) or turnover (180°). Once the picture is rotated, an Options menu is available to store the current picture, to view it in Full screen, to Cancel the rotation, to Add a frame to the current picture or to Rotate it once again.
Details	To show the name, resolution, size, storage date and protection status of the current file.

Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder

This option allows you to set a picture as an Idle screen, as a Welcome or a Goodbye screen .

▶ 1 Press the [Menu] key. Select **Fun & Media box**.

2 Select **Pictures**.

3 Use the [Up arrow] and [Down arrow] keys to scroll through the image names list and select one. Press on the [Menu] key and then **Set as...**

4 Select **Set as Idle screen, Set as Welcome screen** or **Set as Goodbye screen**.

Cropping

If the image you want to set as an Idle screen is too large to be inserted into the available space, your phone will propose a cropped image.

This allows you to move the image left, right, up and down (cursor key). The image you have cropped is then displayed as such on the mobile (as an Idle screen).

▶ 1 Select **Set as...** then select **Idle screen**. If the image is too big, the crop screen is displayed.

2 Use the cursor key to move the image up, down, left or right (the availability of the four arrows depends on the image size).

3 Select **OK. Stored** is then displayed.

Downloading images via the i-mode

Please refer to "Quick access to i-mode basic features", page 79.

Receiving images via the infrared port

▶ 1 Open the infrared port (see "Infrared port", page 23) and make sure that the infrared port of the other appliance is facing your mobile infrared port so that the image transfer is carried out correctly.

2 When you have received an image, press on the [Menu] key then select **View**.

3 Press on the [Menu] key then **Details** to show the name, resolution, size, storage date and protection status of the current file.

⚠ 1. The images you receive via the infrared port are automatically stored in the Fun & Media box Pictures folder.
2. To select and activate a Standby display for the idle screen, your Welcome screen or your Goodbye screen, see "Pictures", page 59.
3. You can also receive pictures by MMS and by Mail.

■ Melodies

This sub-folder allows you to play/store pre-defined melodies or melodies you downloaded via the Infrared port or via the i-mode browser, or you received by SMS, by Mail or by MMS. You can set these melodies as a ringtone for Line1 or Line2, an Alarm melody, a Message alarm melody, a Welcome or Goodbye melody. The melody formats supported by your mobile are .smf, .mfi, .mid, .mfmp, .3gpp, .amr and Nokia™ Smart Messaging.

Melodies

To display the Melodies file contents

▶ 1 Press the [Menu] key. Select **Fun & Media box**.

2 Select **Melodies**.

3 Use the [Up arrow] and [Down arrow] keys to scroll to the required melody.

The following Options list is available while scrolling the melodies list.

OPTIONS	DESCRIPTION
Play	To play the selected melody.
Set as...	To set the selected melody as a Ringtone for Line1 or Line2, as an Alarm melody, as a Message alert melody or as a Welcome melody or a Goodbye melody.
Send by...	To send the selected melody by Mail, by MMS or via the Infrared port.
Delete	To delete the current melody.
Delete all	To delete all the melodies of the current folder.
Multiple selection	To select several melodies (by pressing OK). Press OK to unselect a ticked melody. Press on the [Menu] key to access Send by... (Infrared port), Delete, Move to (a folder of Melodies), Copy to (a folder of Melodies), Select all (to select all the files of the current folder), Unselect all (to unselect all the ticked files).
Move to	To move the selected file to one of the Melodies sub-folders.
Copy to	To copy the selected file to one of the Melodies sub-folders.
New folder	To create a new sub-folder in the Melodies folder (available only if the selection is not a folder already).
Rename	To rename the selected melody.
Details	To view the current file name, size, storage date and file protection status information.
My preferences	To sort the stored melodies (by date, name, size).

If the selection is a sub-folder, another Options list is available (press on the [Menu] key).

Melody download

You can download melodies from the Internet (via your PC), from interactive voice servers, from the i-mode browser and mailer or via the infrared port .
In addition to the usual SMS download of melodies, you can download melodies by browsing internet web sites.
Mitsubishi Electric mobiles are compatible with the Nokia™ Smart Messaging system. The principle is the following:

▶ 1 Melodies are stored on a Web server.

2 Select your Mitsubishi Electric mobile type to access a choice of melodies.

3 Select one or more melodies to be downloaded to your phone.

| 4 | All selected melodies are downloaded via SMS. |

| 5 | Once the melody is received, a reception screen is displayed. Press **OK** or press on the [Menu] key then select **Play** to play the received melody.
To set a melody as a ringtone, a message alert melody, an alarm melody, a Welcome or a Goodbye, please see "Tones", page 80. |

You can also receive melodies via the Infrared port.

Formats managed by the phone are .mid, .mfm, .3gp, .mld, .amr, .nsm and .imy formats.

To play a downloaded melody from the reception screen:

▶ | 1 | Select **OK** or Press on the [Menu] key then select **Play**. |

| 2 | Select **Exit** to stop the playback. |

To store a downloaded melody:

▶ | 1 | Press on the [Menu] key. |

| 2 | Select **Install**.
If the memory space is sufficient, the melody is automatically stored in the Melodies file. If there is no space left, you need to select one or several melody(ies) to be replaced from the set of melodies (melodies associated with a ring feature cannot be deleted).
Once stored, a message is displayed. The melody can be played and selected via the **Fun & Media box** menu. |

To discard a downloaded melody:

▶ | 1 | Select **Discard**. The melody is erased and is therefore lost for further installation. |

■ Games & applications

This sub-menu allows you to activate games and various applications that may be stored on your mobile, download new games and applications via the i-mode browser, upgrade or delete the stored games and applications. You can also set a game or an application as a Standby display (please see "To set a game or an application as standby display for your screen", page 81).

Your mobile may contain pre-set games or applications (operator dependent).

You can store/download up to 100 games and/or applications on your mobile.

To activate a game/application

▶ | 1 | Press the [Menu] key. Select **Fun & Media box**. |

| 2 | Select **Games & applications**. |

| 3 | Select one of the available games/applications from the list or from one of the available folders (if any). |

or:

▶ | 1 | Press and hold the **i-mode** softkey from the standby display. |

| 2 | Select one of the available games/applications from the list or from one of the available folders (if any). |

⚠ 1. Depending on the game/application stored on your mobile, you may need to activate a network connection via the i-mode browser. Select Yes or No.
2. The downloaded games/applications can only be activated if the mobile contains the SIM card that was used during the downloading process.

Select **Menu** ([Left] softkey) when in the Games & Applications list:

OPTIONS	DESCRIPTION
Create Folder	To create a new folder and name it.
Move to Folder	To move the current game or application to a folder.
Upgrade	To download the latest version of the game from the network.
Delete	To delete the current game or application from your mobile.
Delete all	To delete all the games, applications or folders from your mobile.
Sort	To sort the games and applications list (by name, by size, etc.). Select Enter to choose one sorting type from the list.
Properties	To display detailed information about the game or application (name, URL, size, etc.).
Certificate	To display the certificate of the game/application.
Network Setting	To enable/disable automatic connection to the network or to confirm the activation of the network connection prior to the game/application start.
iAppli To Setting	To allow/forbid access to a game/application from a mobile application.

Icon Info Setting	To allow/forbid the use of information contained in your mobile if required by an application.
Stand-by Setting	To allow/forbid the use of the current application as a standby display.
Stand-by Network	To allow/forbid automatic connection to the network prior to the game/application if required when setting a game/application as a standby display.
Auto Start Settings	To enable or disable the automatic activation of the current game or application.
Show Desc Setting	To enable/disable an Application Description File (ADF) display before downloading a new game/application.
Auto Start Failure	To display the Auto Start failure date and type information.
Stand-by Abort	To display the failures details regarding the launching of the standby display application.
Trace Info.	To display the errors that occurred in executing the application.
System Info.	To view the used memory information, remaining memory space and the Games & Applications software system details.

⚠ 1. Some of these items are also available from the folders. When in a folder, select Menu ([Left] softkey) to get to this list.
2. The availability of these items depends on the games/applications.

■ Speech notes

This feature allows you to record speech notes up to 25 minutes on your mobile.

To record a speech note

► **1** Press the [Menu] key. Select **Fun & Media box**.
2 Select **Speech notes**.
3 If no speech note has been recorded, select **New**. If one/several speech note(s) is/are stored in the mobile, Press on the [Menu] key then **Record new**.
4 Select **Stop** to end the recording.
5 Enter the note name and press **OK**.

To select a speech note

► **1** Press the [Menu] key. Select **Fun & Media box**.
2 Select **Speech notes**.
3 Scroll up or down to select the required speech note or the required folder.

OPTIONS	DESCRIPTION
Play	To play the selected speech note(s).
Record new	To record a new speech note.
Set as...	To set the selected speech note as a ring tone for Line1 or Line2, as an alarm melody, as a message alert melody or as a Welcome or a Goodbye melody.
Send by...	To send the speech note via the Infrared port, by MMS or Mail.
Delete	To delete the current speech note.
Delete all	To delete all the speech notes of the current folder.
Multiple selection	To access the Multiple selection screen and select several speech notes. You can then press on the [Menu] key to Send the selected file(s) by infrared port, to Delete the selected file(s), to Move them to a Speech notes sub-folder, to Copy them to a Speech notes sub-folder, to Select all the speech notes or to Unselect all the ticked speech notes.
Move to	To move the selected speech note to a Speech notes sub-folder.
Copy to	To copy the selected speech note to a Speech notes sub-folder.
New folder	To create a new folder in the Speech note sub-folder (only available if the selection is not a folder already).
Rename	To change the name of the current speech note.
Details	To view information about the name, file size and recording date, and file protection status.
My preferences	To sort the stored images (by date, name, size).

If the selection is a sub-folder, an Options list is available.

To play a speech note

▶ 1 Press the [Menu] key. Select **Fun & Media box**.
2 Select **Speech notes**.
3 Scroll up or down to the required speech note. Press **OK** or press on the [Menu] key then select **Play**.

■ Frames

The frame border feature allows you to illustrate your pictures and give them a more personal and fun touch. You can add frames, speech balloons, etc. to the pictures stored in the Pictures folder or while doing your picture preview.
The frame folder contains all files that can be used as frame borders on the mobile and may contain pre-embedded frames and sub-folders. The frame file type supported by your mobile is .ifm. When adding a frame to a picture, the new image is stored as .jpg file.

⚠ It is not possible to add a frame to a video.

Frames browser

The Frames browser allows you to display the stored frames as a list or as a mosaic of frames. When the frames are displayed as a list the screen is divided into two parts: the frames names list and the selected frame. When they are displayed as a mosaic (Thumbnails mode: see 'Options/My preferences' below) the screen contains a mosaic of frames and the name of the selected frame.
While browsing the Frames folder the following Options list is available (Press on the [Menu] key):

OPTIONS	DESCRIPTION
View	To view the frame and its name.
Delete	To delete the current frame.
Delete all	To delete all the frames of the current folder.
Multiple selection	To select several frames (by pressing OK). Press OK to unselect a ticked frame. Press on the [Menu] key to access Delete, Move to (a Frames sub-folder), Copy to (a Frames sub-folder), Select all (to select all the files of the current folder), Unselect all (to unselect all the ticked files).
Move to	To move the current image to the Frames folder or to one of the Frames sub-folders.
Copy to	To copy the current image in the Frames folder or to one of the Frames sub-folders.
New folder	To create a sub-folder in the Frames folder.
Rename	To rename the current picture.
Details	To show the name, resolution, size, storage date and protection status of the current file.
My preferences	To sort the stored frames (by date, name, size) and select a view mode (List, Thumbnails 4 to display a 4-frame mosaic) to change the Frames browser mode.

⚠ 1. If the selection is a sub-folder, another Options list is available (press on the [Menu] key).
2. You cannot transfer a frame out of the Frames folder (e.g. via the infrared port).
3. Error messages may be displayed when setting, viewing or storing an image:'File too big' (please see "Error messages", page 94); 'Decoding failure': the frame cannot be viewed by the phone.

Viewing a frame

▶ 1 Press the [Menu] key. Select **Fun & Media box**.
2 Select **Frames**.
3 Scroll the frames list or mosaic. Select the required frame or select **a folder** to view its content (press **OK**).
4 Press **OK** or press on the [Menu] key then **View** to view the selected frame in full size.

An **Options** menu is available.

OPTIONS	DESCRIPTION
Full view	To view the frame in full screen.
Delete	To delete the current picture.
Slide show	To automatically display all the frames of the selected folder one after another.
Details	To show the name, resolution, size, storage date and protection status of the current file.

Adding a frame to your picture

This feature allows you to add a frame to your preview before capturing an image. According to the selected frame, you may need to use your mobile horizontally or vertically in order to make the preview screen content fit your frame.

▶ 1 From the standby display, press the [OK] key to access the Camera application.

2 Press on the [Menu] key then select **Frames**. The frames list or mosaic is displayed.

3 Scroll down the frames list or mosaic. Select the required frame or select a folder then select the required frame. A preview with the selected frame over your preview is displayed so that you can define your picture settings and view the final result.

4 Press **OK** to confirm your selection.

5 Press **OK** to capture your picture.

⚠ 1. The new picture is stored in the Pictures folder as a .jpg file.
2. When capturing a picture, the preview size is automatically adapted to the selected frame size. Modifying the preview size removes the frame.

Adding a frame to a stored picture

This feature allows your to add a frame to a stored image.

▶ 1 Press the [Menu] key. Select **Fun & Media box**.

2 Select **Pictures**.

3 Scroll down the frames list or mosaic. Select the required frames or select a folder then select the required picture.

4 Press on the [Menu] key then select **Add frame**. The frames list or mosaic is displayed.

5 Scroll down the frames list or mosaic. Select the required frame or select a folder then select the required frame. A preview screen with the selected frame over the current picture is displayed so that you can view the final result.

6 Press **OK** to confirm your selection. The new picture and its name are displayed.

7 Press on the [Menu] key then select **Store** to save the new picture.

⚠ 1. The new picture is stored in the Pictures folder as a .jpg file. In case of format conversion the quality of the new picture is not guaranteed.
2. The picture size is adapted to the frame size.
3. If the source picture is protected by a copyright, you may not be allowed to add a frame to this picture.

Frames downloading

You can download frames via the i-mode browser only (please see "Quick access to i-mode basic features", page 79), you cannot receive or send frames by Mail or by MMS and it is not possible to send or to transfer a frame to a folder other than the Frames folder or to another device (a PC, etc.). The frames you received via the i-mode browser are automatically stored in the Frames folder.

⚠ When you download frames whose format is not accepted by the mobile, these frames are not stored in the mobile

■ Others

This menu allows you to store/view/play vcard files (Phone book), vcalendar files (Diary cards), vbookmarks (Web bookmarks), text files and files with unknown/unsupported format.

To display the others file contents

▶ 1 Press The [Menu] key. Select **Fun & Media box**.

2 Select **Others**.

3 Use the [Up arrow] and [Down arrow] keys to select the required file.

⚠ 1. The contents of this Options list may vary according to the file type.
2. You cannot send any copyright protected file (the 'File protected' message is displayed on any attempt to send copyright protected files).

The following Options list is available:.

OPTIONS	DESCRIPTION
View	To view the file contents.
Store	To store the selected file in the corresponding application folder.
Send by...	To send the text, the selected vCards, the selected vCalendars, the vBookmark(s) and the unknown file(s) via the infrared port. To send the current vCard or vCalendar via the infrared port, by SMS or by Mail.
Delete	To delete the current file.
Delete all	To delete all the files of the current folder.
Multiple selection	To select several files (by pressing OK). Press OK to unselect a ticked file. Press on the [Menu] key to access Send by... (Infrared port), Delete, Move to (a folder of Others), Copy to (a folder of Others), Select all (to select all the files of the current folder), Unselect all (to unselect all the selected files)
Move to	To move the selected file to an Others sub-folder.
Copy to	To copy the selected file to an Others sub-folder.
New folder	To create a new folder in the Others folder (only available if the selected file is not a folder already).
Rename	To rename the selected file.
Details	To view the current file name, size, storage date and file protection status information.
My preferences	To sort the stored files (by date, name, size).

Data exchange

The purpose of this feature is to allow the easy transfer of vCards and vCalendars. vCards and vCalendars are Phone book cards and diary cards that are sent or received to/from another device (mobile, pc,...).

Storing a received vCard

▶ 1 Press on the [Menu] key when you have received the file.
2 Select **View**.
3 The received file is displayed. Select **Store**.
4 Select **Phone names**, **SIM names**, **SIM fixed** or **My card**. The vCard is then stored.

⚠ A received file may contain several vCards. Select the one(s) you want to keep, then select Store.

Storing a received vCalendar

▶ 1 Press on the [Menu] key when you have received the file.
2 Select **View**.
3 The received file is displayed. Select **Store**.

⚠ A received file may contain several vCalendars. Select the one(s) you want to keep, then select Store.

Storing a received vBookmark

▶ 1 Press on the [Menu] key when you have received the file.
2 Select **View**.
3 The received file is displayed. Select **Store**.

⚠ A received file may contain several vBookmarks. Select the one(s) you want to keep, then select Store.

Sending a vCard or a vCalendar by SMS

▶ 1 Select the vCard (please see "Export", page 44) or the vCalendar (please see "Sending an event/a task", page 20) you wish to transfer.
2 Press on the [Menu] key.
3 Select **Send by...** then **SMS**. A warning may be displayed regarding the number of required SMS to send the card (where more than 1 SMS is required).
4 Select **OK** if you wish to continue.
5 Enter the number to which you want to send the vCard or the vCalendar, or select a name from the **Names** list.

■ Storage used

To consult the percentage of memory used for the Pictures, Melodies, Videos, Frames, Speech note and Others folders:

► **1** Press the Menu/T9 key. Select **Fun & Media box**.

2 Select **Storage used**. The total memory used is displayed (all file types). Select **Details** to view storage information per file type.

3 Use the [Up arrow] and [Down arrow] keys to scroll to the required information type (Pictures, Melodies, Videos, Frames, Speech note, Others).

⚠ 1. The Fun & Media box space is managed as a single folder. The Pictures, Melodies, Videos, Frames, Others and Speech note files therefore share the same space in the mobile.
2. You may not be able to store more files. You can however remove pictures, for instance, to free some space and create a new Speech note.

CALENDAR

The availability of this menu is network dependent. If your SIM card does not contain an access to the Network services, the Calendar menu is accessible from the Menu icons.
Please see "Calendar", page 18 for full details.

NETWORK SERVICES

The availability of this menu is network dependent (it may not be available or be named Network services, Network,...).
Your network operator may provide value added services, information and contact phone numbers. These services and phone numbers are stored in your SIM card and appear on the phone menu as they are accessible from the **Network serv.** menu. Please contact your service provider for further details.
Some operators may provide up to two services on the same SIM card. The displayed sub-menus in the **Network serv.** menu may then be named **Applications, Services** or **Information.**

Three kinds of services can be registered in this menu:

SIM application tool kit

An automatic way to provide services related to your network. These services are SIM card dependent.

SND numbers stored in the SIM card

Up to 32 numbers may be stored in the SIM. These numbers cannot be modified or deleted.

Information numbers

A list or a menu allowing calls to network or information services offered by the network.

i-mode

NetFront®

Your mobile allows you to access dedicated i-mode web sites and webpages thanks to the i-mode standards. You can for instance send and receive e-mails and MMS, connect to i-mode sites and download images, videos, frames and 64 tone melodies for your mobile (see "Fun & media box", page 57).
Access to the i-mode is network dependent. Please contact your service provider for full details about subscription conditions. To be able to use the i-mode features on your mobile, you must have a GPRS subscription.

■ User interface

Whilst navigating the i-mode menu, please note that the [Up arrow], [Down arrow], [Left arrow] and [Right arrow] keys allow you to access further settings or fields to be filled in, as well as validation and cancellation options (OK, Cancel, Send, Save, etc.).
Scroll up or down to highlight (blue highlighting) the correct field, select an option or enter text. Depending on the menu you are in, you may have to scroll down many times until you reach the correct option.
While browsing i-mode features, you can access Options menus by pressing the [Menu] key. These Options menus are operator dependent

[Left] softkey
To validate the action above.

[Menu] key
To access the Options menu when ⓜ is shown on the display.

Navigation key
To scroll Up, Down, Right or Left according to the context.

[Right] softkey
To **Exit** the current menu.

[Clear] key
Back to the previous screen.

■ i-mode menu

This section describes access to the i-mode lock, i-mode profiles and New mail alert.
To access these features:
▶ Press the [Menu] key. Select **i-mode**.

i-mode lock

The purpose of this feature is to lock access to all i-mode features, thereby protecting your mobile from any unauthorised operation.

▶ **1** Press the [Menu] key. Select **i-mode**.
2 Select **i-mode lock**.
3 Select **Lock**.
4 Enter your 4 digit i-mode lock code and select **OK**.

⚠ 1. The default i-mode lock code is 0000. To change the code, select **Change lock code** instead of **Lock** and follow the instructions displayed.
2. Mail reception is not affected by the i-mode lock. However it does not allow you to read the e-mails received.

i-mode profiles

To use the i-mode and connect to i-mode webpage, you must first define and store the profile details, then select the required i-mode profile.

▶ **1** Press the [Menu] key. Select **i-mode**.
2 Select **i-mode profiles**.
3 Select one of the available profiles and press on the [Menu] key.
4 Choose **Select**.

⚠ Select **View** to view the profile details, or select **Delete** to erase the current profile.

New mail alert

This sub-menu allows you to define the alert melody that is played on new incoming mail or MMS.

To select a melody:

▶ **1** Press the [Menu] key. Select **i-mode**.
2 Select **New mail alert**.
3 Select **Alert** and select **On**.
Select **Melody** and select one of the available ring tones.
4 Select **Save** to store the settings.

⚠ 1. The Alert field must be set to On to allow access to the melodies list.
2. If Alert is set to Off, the New mail icon only is displayed on receipt of a new mail.
3. The default melodies and downloaded melodies are available from the Melodies list.

■ i-mode applications
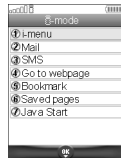
The i-mode applications menu allows access to the main i-mode features. To access it:

▶ **1** From the Standby display, select **i-mode** ([Right] softkey).

Whilst browsing an i-mode site (see "Go to webpage", page 71, "Bookmark", page 71, "Saved pages", page 71), press the [Menu] key to access the following options:

OPTIONS	DESCRIPTION
1/2	
1. Add bookmark	To select the current page as a bookmark.
2. Save page	To store the current page.
3. Save image	To store the displayed image in the Pictures folder.
4. Show properties	To display information menus.
5. Go to webpage	To enter a webpage address or select one from a list (see "Go to webpage", page 71).
6. Bookmark list	To display the registered bookmarks list.
7. Saved Page List	To browse registered i-mode pages without connecting to the Web.
2/2	
1. Settings	To optimise the use of i-mode and the way information is displayed (please see "Setting your i-mode features", page 72).
2. i-Menu	To display the i-mode site.
3. Home	To display the Home page.
4. Reload	To refresh the page displayed.

5. Compose Mail	To send the current page via Mail or MMS.
6. Save in PB	To save the address in the phone book.
7. Play animation	To play the animation.

⚠ The items on this options list may vary according to the contents of the page displayed.

i-menu
You can access i-mode services via this sub-menu. The content of this sub-menu is operator dependent

Mail
This sub-menu allows you to edit and send mail/MMS. Please see "Mail system", page 73.

SMS
This sub-menu allows you access to edit and send an SMS. Please see "Sending a new SMS message", page 30.

Go to webpage
You can go to a specific webpage by entering the page address or selecting it from the Address history list.
To go to a specific page:
► 1 From the Standby display select **i-mode**.
  2 Select **Go to webpage** or press ④.
  3 Select **Input address** and press **OK** or press ① then enter the required webpage address.
  4 Press **OK** to confirm connection.
To go back to the latest browsed page:
► 1 From the Standby display select **i-mode**.
  2 Select **Go to webpage** or press ④.
  3 Select **Last address** and press **OK** or press ②. The contents of the latest browsed page is displayed.
To go back to a page you have previously visited:
► 1 From the Standby display select **i-mode**.
  2 Select **Go to webpage** or press ④.
  3 Select **Past input** or press ③.
  4 Scroll to the required page address and select **OK** to display it.

Bookmark
You can view the list of the saved bookmarks without having to connect to the i-mode.
► 1 From the Standby display select **i-mode**.
  2 Select **Bookmark** or press ⑤.
Scroll down to the required page name, then press the [Menu] key to access the following options:

OPTIONS	DESCRIPTION
1. Go to	To go to the selected web site address.
2. Edit	To modify the selected URL address.
3. Delete	To delete the current bookmark.
4. Delete all	To delete all the bookmarks from the list.
5. Show address	To display the current bookmark URL address.
6. Copy address	To copy the current bookmark URL address.
7. Compose mail	To write a mail or an MMS and attach the current bookmark.

Saved pages
You can view pages that you have previously saved without having to connect to the i-mode.
► 1 From the Standby display select **i-mode**.
  2 Select **Saved pages** or press ⑥.
Scroll down to the required page name, then press the [Menu/T9] key to access the following options:

OPTIONS	DESCRIPTION
1. Show	To display the selected saved page.
2. Edit title	To modify the selected page name.
3. Delete	To delete the selected saved page.
4. Delete all	To delete all the saved pages.

5. Show Address	To display the URL address of the saved page.
6. Protect	To protect/unprotect the selected saved page from deletion.

Java Start

This sub-menu allows you to launch Java™ applications.

Please see "Games & applications", page 62.

Settings

Please see "Setting your i-mode features", page 72.

This sub-menu allows you to customise your connection settings.

■ Setting your i-mode features

To optimise use of the i-mode and the way information is displayed on your mobile whilst in connection you may wish to adjust a few settings.

For each of the following settings:

▶ 1 From the Standby display select **i-mode**.
2 Select **Settings** or press ⑧.

Select the required setting type, then go through the following instructions. When you have validated your setting the mobile automatically reverts to the Settings menu.

Home

To activate/deactivate the home page display:

▶ 1 Select **Home** or press ①.
2 Select **Enable** or **Disable**.
3 Scroll down as many times as necessary until ⎵OK⎵ is highlighted and press **OK** to validate.

To change the home page URL address:

▶ 1 Select **Home** or press ①.
2 Scroll to the edition area and press **OK**. Type in the required URL address.
3 Scroll down as many times as necessary until ⎵OK⎵ is highlighted and press **OK** to validate.

View

To define the way the information (text, images, web page contents) is displayed on the mobile screen.

Font size

To define the characters size.

▶ 1 Select **View** or press ②.
2 Select **Font size**, then select **Normal** or **Large**.
3 Scroll down as many times as necessary until ⎵OK⎵ is highlighted and press **OK** to validate.

Images

This allows you to choose whether or not your mobile can download and therefore display the images contained on the webpages.

▶ 1 Select **View** or press ②.
2 Select **Images**, then select **On** or **Off**.
3 Scroll down as many times as necessary until ⎵OK⎵ is highlighted and press **OK** to validate.

Table layout

To set the way tables and their contents should be displayed.

▶ 1 Select **View** or press ②.
2 Select **Table layout**.
3 Select **Just fit** (to reduce the table width so that it can be displayed within the screen width) or **Smart fit** (to display the full table width on several lines if the table is larger than allowed on your mobile).
4 Scroll down as many times as necessary until ⎵OK⎵ is highlighted and press **OK** to validate.

Wrap text

The text on webpages may not automatically fit the size of your mobile display. This setting allows you to wrap the text and adjust it so that it fits the screen of your mobile.

▶ 1 Select **View** or press ②.
2 Select **Wrap text**, then select **On** or **Off**.
3 Scroll down as many times as necessary until ⎵OK⎵ is highlighted and press **OK** to validate.

CSS

To allow/forbid CSS (Cascading Style Sheets) if required by the i-mode content provider.

▶ 1 Select **View** or press ②.
2 Select **CSS**, then select **On** or **Off**.
3 Scroll down as many times as necessary until ⊂OK⊃ is highlighted and press **OK** to validate.

<u>Certificates</u>

Certificates are used for network security exchange (e.g. for secure payment transactions).

▶ 1 Select **Certificates** or press ③.
2 Select one of the displayed certificates to view its contents.
3 Press **Cancel** ([Left] softkey) to return to the certificates list.

<u>Others</u>

To set the Response timeout, allow or forbid the sending of terminal information and activate or deactivate the melody/video autoplay or the automatic display of an image.

▶ 1 Select **Others** or press ④.

ITEMS	DESCRIPTION
1. Response timeout	To set the time limit for i-mode disconnection when there is no response from the network. Select **60 seconds**, **90 seconds** or **Disabled** (if you do not want automatic disconnection).
2. Send term. info	To display or not a confirmation screen before sending of mobile-related information (linked to the i-mode) to the server. Select **On** or **Off**.
3. Auto Play	You can choose whether or not a melody or a video should be automatically played or an image should be automatically shown after downloading. Select **Yes** or **No**.

3 Scroll down as many times as necessary until ⊂OK⊃ is highlighted and press **OK** to validate.

<u>Check settings</u>

You can check the status or values of all your settings via this menu.

▶ 1 Select **Check Settings** or press ⑤ to view the contents of each parameter.

<u>Reset settings</u>

You can reset all the settings and get back to the default configuration.

▶ 1 Select **Reset Settings** or press ⑥ then confirm by selecting **Yes**.

Whilst adjusting or modifying one of the above features, selecting ⊂Cancel⊃ allows you to go back to the Settings sub-menu and selecting i-mode allows you to go back to the i-mode main menu. Whilst in the Settings menu, select Cancel, or Exit to return to the i-mode main menu.

■ Mail system
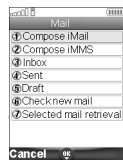
Your mobile allows you to send and receive mails and MMS.
However the availability of these features is operator dependent. Please read the following instructions to configure your mail system and use the Mail menu.
You can access the i-mode Mail sub-menu in two ways:

▶ 1 From the standby display select **Mail**.

▶ 1 From the Standby display select **i-mode**.
2 Select **Mail** or press ②.

⚠ 1. The contents of the Mail menu may vary according to your service provider.
2. Pressing on the [Left arrow] key while navigating the Mail menu leads to the i-mode menu.
3. The total attachment size cannot exceed 300KB. However this value may vary according to your operator.

Once in the Mail sub-menu:

Composing an iMail

▶ 1   Select **Compose imail** or press ①.
2   Highlight the **To** field. Press **OK** to enter in the edition screen and type in the required address or press on the [Menu] key to get to the usual edition options list. You can also directly select a mail address from the phone book by pressing on the [Left arrow] key. Press **OK**.
3   Highlight the **Sub** (subject) field. Press **OK** to enter in the edition screen and type the required text in or press on the [Menu] key to get to the usual edition options list. Press **OK**.
5   Highlight the Attachment 🔟 field if you want to add a picture, a melody or a video to your message. Press **OK** then select Pictures, Melodies or Videos and select one of the available files. Press **OK**.
4   Highlight the text field. Press **OK** and type in the mail text (maximum 10KB). Press **OK**.
6   Scroll down as many times as necessary to highlight ⬛Send⬛ (to send your message) or ⬛Save⬛ (to store your message in the **Draft** folder) and select **OK** to validate your choice.

⚠ 1. The content of this page and the information to be entered is operator dependent.
2.The maximum content of the mail is 300 KB provided there is no header, no signature and no attached file. Each additional text or file uses the available memory space and reduces the maximum content of the message text.

Whilst writing your mail, you can access the Options menu at any time by pressing the [Menu] key.

OPTIONS	DESCRIPTION
1/2	
1. Send	To send your mail
2. Save	To store your mail in the Draft folder
3. Add address	To add (an) addressee(s)
4. Address menu	To display the Address operation submenu. This sub-menu bears the following options: Open Phone book, Input address, Change to To (to change the selected addressee to Main addressee), Change to CC (to change the selected addressee to Secondary addressee), Change to Bcc (to change the selected addressee to Hidden addressee), Delete address.
5. Melody menu	To display the pasted data operation submenu.
6. Attach file menu	To display the file attachment submenu, if the maximum attachment size was not reached.
2/2	
1. Attach Signature	To attach a pre-entered signature (please make sure you have previously written and stored one. See "Edit signature", page 78).
2. Delete Body	To delete the contents of the message field.
3. Delete Mail	To delete the contents of the whole mail.

⚠ 1. The items on this options list may vary according to the contents of the page displayed.
2. You can send your mail to a maximum of 5 people (To + Cc + Bcc)

Composing an iMMS

The Multimedia Messaging Service (MMS) is a service that allows you to send and receive messages to and from other MMS enabled mobile phones. An MMS contain several slides composed of text + image and/or melody/speech note/video.

▶ 1   Select **Compose iMMS** or press ②.
2   Highlight the **To** field. Press **OK** to enter in the edition screen and type the required address in or Press on the [Menu] key to get to the usual edition options list. You can also directly select a mail address from the phone book by pressing on the [Left arrow] key. Press **OK**.
3   Highlight the **Sub** (subject) field. Press **OK** to enter in the edition screen and type the required text in or Press on the [Menu] key to get to the usual edition options list. Press **OK**.

Whilst in the Subject or To fields, you can access an Options menu by pressing the [Menu] key.

⚠ 1. The items on this options list may vary according to the contents of the page displayed.
2. You can send your MMS to a maximum of 5 people (To + Cc + Bcc)

4   Highlight **SMIL (0KB)**. Press **OK** to access the following Options menu.

OPTION	DESCRIPTION
1/2	
1. Send	To send your MMS.

2. Save	To return to the MMS edition screen and save your MMS.
3. Preview	To preview the MMS
4. Media	To display the Media sub-menu (please see below).
5. Fit mode	To display the Fit mode sub-menu (please see below).
6. Options	To display the Slide options list (please see below). The Slide Timing, Text Timing, ImageTiming or Audio Timing option is available, allowing you to select the time each text, image or audio file is displayed/played before switching to the next one.
2/2	
1. Arrange slide	To display the slide arrangement submenu (please see below).
2. Slide	To display the slide operation submenu (please see "Slide operation submenu", page 75.)

⚠ The items on this options list may vary according to the contents of the page displayed.

Media submenu

OPTION	DESCRIPTION
1/2	
1. Edit Text	To write or edit text.
2. Delete Text	To delete text. This option is only available if some text was previously written.
3. Add Image	To add an image to the slide. This is only available if an image or a video was not already set to the slide.
4. Delete Image	To erase the set image.
5. Add Audio	To add a sound file to the slide. This is only available if a sound or a video was not already set to the slide.
6. Delete Audio	To erase the set melody or ringtone.
2/2	
1. Add Video	To add a video to the slide. This is only available if an image or a sound file was not already set to the slide.
2. Delete Video	To delete the set video.

Fit mode submenu

OPTION	DESCRIPTION
1. Hidden	To display the image in its current size.
2. Fill	To adapt the image size to the available image-dedicated space.
3. Meet	To adapt the longest side of the image to the available image-dedicated space.
4. Slice	To adapt the shortest side of the image to the available image-dedicated space.

Slide arrangement submenu

OPTION	DESCRIPTION
1. Text Color	To select one of the available colours for the page text.
2. Background Color	To select one of the available colours for the page(s) background (one colour only per message).
3. ChangeRegion Siz	To modify the borderline location between the text and the image area by using the [Up arrow] and [Down arrow] keys.
4. Swap Position	To swap the text and the image locations on the slide.

Slide operation submenu

| OPTION	DESCRIPTION
1. Add	To add a new slide after the current one.
2. Insert	To add a new slide before the current one.
3. Delete	To erase the current slide. The next one is then displayed.
4. Clear	To erase the current slide contents. The slide is then blank.

Inbox

The Inbox bears all received iMails and iMMS. These received iMails and iMMS are displayed as a list. Folders can be created to store these messages.

Whilst in the Inbox list, pressing the [Menu] key displays the following Options list:

OPTION	DESCRIPTION
1. Create folder	To create and name a folder.
2. Rename folder	To change the name of the selected folder.
3. Delete folder	To delete the selected folder

⚠ The protected and unread mails cannot be deleted.

To view the received iMails and iMMS list

► **1** Select **Inbox** or press ③.
  2 Scroll to the required imail or iMMS and select **OK** to view it.

When viewing an iMail or a iMMS, pressing the [Menu] key allows you to:

OPTION	DESCRIPTION
1. Reply	To display the following options list: Reply, Reply quoted (to reply and attach the text contents of the received mail), Reply all (to reply to the current message and send it to all To and Cc addresses), Reply quoted all (to reply to all the origin message To an Cc addresses and attach the current message contents).
2. Forward	To forward the current message.
3. Move	To move the selected message to one of the available folders.
4. Delete	To delete the current message.
5. Protect On/Off	To protect/unprotect the current message (this feature allows you to protect the mail from unauthorised deletion).
6. Save address	To store the sender's address in the phone book.
7. Save melody	To save the melody contained in the current imail and store it in the Melodies folder (Fun & Media box).
8. Save attached file	To save the attached file and store it in the required location (Others folder if the extension type is not recognised by the mobile).
9. Copy	To copy the message body, subject or sender content.
10. Play SMIL	To play the SMIL contents (image, melody, video, etc.) of the current iMMS.
11. Browse SMIL	To manually browse the SMIL contents of the current iMMS.

⚠ The items on this options list may vary according to the contents of the page displayed.

When viewing a message from a folder, pressing the [Menu] key allows you to Move the message, Delete the current message, Delete all the messages of the current folder, Protect (On)/Unprotect (Off) the current message, Change the way the message is displayed, Sort the folder messages (by Subject, by Address or by Date), or Filter (to display the Filter sub-menu).

Sent mail

This sub-menu allows you to view and edit sent iMails and iMMS.
You must have saved your messages before sending them to be able to find them in the Sent messages sub-menu.
When on the sent messages list, pressing the [Menu] key allows you to:

OPTION	DESCRIPTION
1. Edit	To edit the selected message.
2. Delete	To delete the selected message from the list.
3. Delete all	To delete all the selected messages provided they are not protected.
4. Protect On/Off	To protect/unprotect the selected message (this feature allows you to protect the mail from unauthorised deletion).
5. Sort	To sort the files according to the following criteria: Subject ascending, Subject descending, Address ascending, Address descending, Date ascending, Date descending.

| 6. Filter | To select criteria for files display. The following options are available: All (to display all the folder messages in a list), Pasted (to display only the mails that contain pasted data), Attached (to display only the mails that bear attached files), iMail (to display only the mails), iMMS (to display only the MMS), SMS (to display only the SMS). |

⚠ The availability of these options may vary according to the list contents.

To read a sent iMail or iMMS

▶ 1 Select **Sent mail** or press ⑤.
   2 Scroll to the required message and select **OK** to view it.

Whilst reading an iMail or an iMMS, pressing the [Menu] key allows you to:

OPTION	DESCRIPTION
1. Reedit	To edit the selected sent message contents in order to re-send it.
2. Delete	To delete the current message.
3. Protect On/Off	To protect/unprotect the current message (this feature allows you to protect the mail from unauthorised deletion).
4. Save address	To save the message sender's address.
5. Copy	To copy the message subject or body.
6. Play SMIL	To play the SMIL contents (image, melody, video, etc.) of the current iMMS
7. Browse SMIL	To manually browse the SMIL contents of the current iMMS.

⚠ The availability of these options may vary according to the message contents type.

Draft

The mails you have stored (see "Composing an iMail", page 74 and "Quick access to i-mode basic features", page 79) are filed in the Draft folder.

To edit the stored mails:

▶ 1 Select **Draft** or press ④.
   2 Scroll to the required mail and select **OK** to view and edit it.

Whilst in the Draft folder, pressing the [Menu] key allows you to:

OPTION	DESCRIPTION
1. Send	To send the selected mail.
2. Delete	To delete the selected mail.
3. Delete all	To delete all the draft mails.
4. Sort	To sort the files by Subject, Address or by Date.
5. Filter	To select criteria for files display. The following options are available: All, Pasted, Attached, iMail, iMMS, SMS (please see the Options description above).

Check new mail

This allows you to view new incoming mails and MMS.

▶ 1 Select **Check new mail** or press ⑦.
   2 The mobile connects to the network and opens any new mail(s) or MMS if any. Select **OK** to view it/them.

⚠ Depending on your operator you may be allowed to select whether you want All, mails only or MMS only to be checked.

Selected mail retrieval

You can retrieve pending mails and MMS from the server:

▶ 1 Select **Selected retrieval** or press ⑥.
   2 The screen is divided into 2 parts (Select retrieval and Select delete): Select the **Display only title** or **Display detail** in the required part then select **Enter**.
   Select the message(s) to be retrieved or deleted according to its/their title or detailed contents.

⚠ The availability of this option depends on your service provider.

Settings

Please see the "Options" section (below) for full details.

■ Options

This section explains how to personalize your messaging service when sending and receiving mail. All of these settings are accessible from the Mail settings sub-menu.

▶ 1 From the standby display, select **Mail.**

| 2 | Select **Mail Settings** or press ⑧. |

or:

▶ | 1 | From the Standby display select **i-mode**. |
| 2 | Select **Mail** or press ②. |
| 3 | Select **Mail Settings** or press ⑧. |

Edit signature

This allows you to configure your mails so that text is added (once each time mail is sent) at the end of your message.

▶ | 1 | Select **Edit Signature** or press ①. |
2	Select **OK** if you want to select **Auto attach** (to tick the corresponding box).
3	Scroll down to the signature field (until the box is highlighted) and select **OK**.
4	Enter your signature text and select **OK**.
5	Scroll down until ⌐OK⌐ is highlighted and select **OK** to save the signature.

⚠ 1. The signature is automatically added to all your mails if you tick Auto attach. If you do not tick Auto attach, the signature is stored in the mobile (see "Composing an iMail", page 74).
2. The signature is not available on MMS edition mode.

Edit quotation

A reply symbol is automatically added to your message body when you reply (Reply quoted/Reply quoted all) to a received mail. You can change this symbol and replace it by another symbol or text.

▶ | 1 | Select **Edit Quotation** or press ②. |
| 2 | Press **OK** and enter the reply marker text or symbol(s). Press **OK**. |
| 3 | Scroll down until ⌐OK⌐ is highlighted and select **OK** to save the reply marker. |

⚠ The > symbol is the default reply marker. It is automatically added to your reply mails.

Auto play

When contained in a mail or MMS, you can choose whether or not a melody or a video should be automatically played or an image should be automatically shown on opening mail.

▶ | 1 | Select **Auto Play** or press ③. |
| 2 | Select **Audio**, **Video** or **SMIL**. |
| 3 | Scroll down as many times as necessary until ⌐OK⌐ is highlighted and press **OK** to validate. |

Auto receive

Your mails and/or MMS can automatically be received on your mobile. If this feature is not activated, go to the server and check manually if you have received any mails or MMS (see "Settings", page 77)

▶ | 1 | Select **Auto Receive** or press ④. |
| 2 | Select **Audio Receive.** |
| 3 | Scroll down as many times as necessary until ⌐OK⌐ is highlighted and press **OK** to validate. |

Selected mail retrieval

You can the selected retreival to select the messages to be retrieved.

▶ | 1 | Select **Selected Mail Retrieval** or press ⑤. |
| 2 | Select **On** or **Off**. |
| 3 | Scroll down as many times as necessary until ⌐OK⌐ is highlighted and press **OK** to validate. |

Delivery report

You can choose whether or not receiving delivery reports.

▶ | 1 | Select **Delivery Report** or press ⑥. |
| 2 | Select **Delivery Report** or **Report Allowed**. |
| 3 | Scroll down as many times as necessary until ⌐OK⌐ is highlighted and press **OK** to validate. |

Receive attached file

When contained in a mail, you can choose whether or not an image and/or a MIDI file should be downloaded to your mobile.

▶ | 1 | Select **Receive Attach File** or press ⑦. |
| 2 | Select **Image**, **Sound** or **Movie**. |
| 3 | Scroll down as many times as necessary until ⌐OK⌐ is highlighted and press **OK** to validate. |

Pasted data

When contained in a message, you can choose whether or not a melody file or an application file is recognised as a valid file and should be played.

Font size

You can choose the font size used in the mail edition mode.

▶ `1` Select **Font Size** or press ⑨.

`2` Select **Small**, **Normal** or **Large**.

`3` Scroll down as many times as necessary until ` OK ` is highlighted and press **OK** to validate.

Check settings

You can check the status of all your mail settings via this menu.

▶ `1` Select **Check Settings** or press ⓪ to view the contents of each parameter.

Reset settings

▶ `1` Select **Reset Settings** or press ⑨ to go back to the **Mail** main menu.

■ Quick access to i-mode basic features

This section shows you how to quickly access a few i-mode features.

To connect to a new i-mode site

▶ `1` Select **i-mode** from the standby display.

`2` Press ④ and then ①

`3` Enter the site address.

`4` Press **OK**. The connection is then automatically activated.

To access a stored address

▶ `1` Select **i-mode** from the standby display.

`2` Press ④

`3` Select ② or ③.

`4` Select the required address.

Press **OK**. The connection is then automatically activated.

To bookmark a page

▶ `1` Whilst visiting a webpage, press the [Menu] key to go to the options menu.

`2` Press ①.The selected page URL address is now stored in your Bookmarks list.

To go to a bookmarked page

▶ `1` Select **i-mode** from the standby display.

`2` Press ⑤.

`3` Select the required bookmark and press **OK**. The connection is then automatically activated.

To save a webpage

▶ `1` Whilst visiting a webpage, press the [Menu] key to go to the options menu.

`2` Press ② The selected page is now stored in your Page memo list.

To display a saved page

▶ `1` Select **i-mode** from the standby display.

`2` Press ⑥.

`3` Select the required page name and press **OK**.

To download a melody, a video, an image or a frame

You can download melodies, videos, images or frames via the i-mode. The downloaded items are automatically stored in the corresponding sub-folder of the Fun & Media box menu.

▶ `1` Once on a page bearing a melody, a video, an image, or a frame, select the required item and press **OK** to download it.

⚠ The maximum size for i-mode downloadable melodies, videos, images or frames is operator dependent.

SETTINGS

This menu allows you to adjust the features on your mobile to your own convenience and to ensure the security of the phone.

■ Tones

Alert mode

You can set the ring, alert and alarm tone types via the **Mode** menu.

⚠ If you select the 'Vibrate' or 'Vibrate then ring' option, the vibrating option replaces all the alert and alarm tones.

To modify the alert mode:

► 1 Press the [Menu] key. Select **Settings**.
  2 Select **Tones**.
  3 Select **Mode**.
  4 Select one of the available settings (**Ring**, **Silent**, **Vibrate**, **Vibrate & ring** or **Vibrate then ring**) and press **OK** to validate.

or:

► 1 From the standby display, press the [Up arrow] key.
  2 Select one of the available settings (**Ring**, **Silent**, **Vibrate**, **Vibrate & ring** or **Vibrate then ring**) and press **OK** to validate.

⚠ 1. If the Alert mode is set to Silent, the ⚒ icon is displayed on the Standby display.
2. If the Alert mode is set to Vibrate, Vibrate & ring or Vibrate then ring, the ⌇ icon is displayed on the Standby display.
3. When the phone is connected to either the Desk Top Charger, HF kit, CLA or AC adaptor, the vibrator mode selection is temporarily inhibited and the phone rings instead of vibrating.

Ringtone selection

You can select a melody, a speech note or a video file (provided it bears a sound track) from the available ring tones stored in the phone.

► 1 Press the [Menu] key. Select **Settings**.
  2 Select **Tones**.
  3 Select **Ringtones**.
  4 Select **Incoming call**, **Incoming call L2**, **Alarm** (then select Melodies, Speech notes or Videos) or **Welcome melody** (On switching on the mobile, a welcome melody plays before the Standby display is displayed) or **Goodbye melody** (on switching off the mobile, a Goodbye melody plays).
  5 Scroll up or down to listen to the different ringtones. Select one by pressing **OK**.
  6 Select **Save** to store your settings.

⚠ 1. When scrolling up or down, wait for a few seconds for the selected melody to be played (except when on Silent mode).
2. The 'No sound' item may be selected to deactivate the Welcome and Goodbye melodies.
3. You can set a ringtone for each of your phone book cards (please see "Setting a melody, a video or a speech note as a ringtone", page 39). This ringtone is played on reception of an incoming call.
4. You can only choose a melody, a speech note or a video sound track while selecting a ringtone for your incoming call, incoming call L2 or alarm.

Volume adjustments

The ring tone, key tones, conversation and alarm tones (alarm clock, diary alarm and low battery alarm) audio levels can all be individually set via the **Settings** menu:

1	Press the [Menu] key. Select **Settings**.
2	Select **Tones** .
3	Select **Volume**.
4	Select **Ring**, **Keys**, **Conversation** or **Alarm**.
5	Scroll up or down to adjust the settings. You can also use the numeric keys to set the required audio level: pressing ② sets the volume to **2**, pressing ⑥ or ⑦ sets the volume to **6** or **7**, pressing ⓪ sets the volume to the minimum value (**1** for speech and **0** for all others).
6	Press **OK** to validate the setting.
7	Select **Save** to store your setting.

During a call you can adjust the conversation volume level by using the [Up arrow] and [Down arrow] keys.

1. If the ringtone volume level is set to 0, the 🔕 icon is displayed on the Standby display.
2. Setting the key tones to 0 deactivates the key tones.
3. You can set the conversation volume by using the [Up] side key (to increase the sound volume level) or the [Camera/Video] side key (to decrease the sound volume level).

Ramping

When activated, this feature gradually increases the incoming ringtone to the maximum volume level if the call is not answered after the first ring.

1	Press the [Menu] key. Select **Settings**.
2	Select **Tones**.
3	Select **Volume**.
4	Select **Ramping**.
5	Select **On**.
6	Select **Save** to store your setting.

■ Display

Idle screen

You can set an image, a video (see "Video", page 57) as a Standby display. To select a background image or a background video for your standby display:

1	Press the [Menu] key. Select **Settings**.
2	Select **Display**, then **Standby screen**.
3	Select **Idle screen**.
4	Select **My picture** (see "Pictures", page 59), **Videos** ("Video", page 57) to select one of the stored images or videos or select one of the five available background images.
5	Select **Save** to store your setting.

1. The Urban theme changes twice a day: a night screen is set at 7 p.m. and a day screen at 7 a.m.
2. The Meridian theme displays the origin and the secondary clocks.
3. You can also set your Standby display image from the Pictures menu (see "Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder", page 60).
4. The above mentioned background themes may not all be available on your mobile.

To set a game or an application as standby display for your screen

This option allows you to set a game/application (pre-embedded or downloaded via the i-mode browser) as a standby display.

1	Press the [Menu] key. Select **Settings**.
2	Select **Display**, then **i-appli standby**.
3	Select **i-appli list** and select the required game/application.

From the standby display, pressing the [Clear] key activates the current game/application set as standby display.

Welcome screen

On switching on your mobile, a Welcome screen is displayed prior to the Standby display. This screen is a default one but it can be customised by selecting any of the Pictures folder images (see "Pictures", page 59).

► **1** Press the [Menu] key. Select **Settings**.

2 Select **Display** then **Standby screen**.

3 Select **Welcome screen**.

4 Select **Default** to set the default image as standby display for your Welcome screen or select **My picture** (see "Pictures", page 59) to select one of the stored pictures .

5 Select **Save** to store your setting.

⚠ You can also set the Welcome screen from the Pictures menu (see "Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder", page 60).

Goodbye screen

On switching off your mobile, a Goodbye screen is displayed. This screen is a default one but it can be customised by selecting any of the Pictures folder images (see "Pictures", page 59).

► **1** Press the [Menu] key. Select **Settings**.

2 Select **Display** then **Standby screen**.

3 Select **Goodbye screen**.

4 Select **Default** to set the default image as standby display for your Goodbye screen or select **My picture** (see "Pictures", page 59) to select one of the stored pictures.

5 Select **Save** to store your setting.

⚠ You can also set the Goodbye screen from the Pictures menu (see "Setting a still or animated image as an Idle screen as a Welcome screen or as a Goodbye screen from the Pictures folder", page 60).

Backlight

To adjust the backlight for your screen:

► **1** Press the [Menu] key. Select **Settings**.

2 Select **Display** then **Standby screen**.

3 Select **Backlight**.

4 Adjust the backlight with the [Up arrow] or [Down arrow] keys (select a value from 1 to 4) and select **OK**.

5 Select **Save** to store the setting.

Contrast

You can select the contrast level for your screen:

► **1** Press the [Menu] key. Select **Settings**.

2 Select **Display** then **Standby screen**.

3 Select **Contrast.**

4 Adjust the contrast with the [Up arrow] or [Down arrow] keys (-3 to +3) and select **OK**.

5 Select **Save** to store the setting.

Status light

You can activate or desactivate the status light on your mobile (please see "Status light", page 14):

► **1** Press the [Menu/T9] key. Select **Settings**.

2 Select **Display** then **Standby screen**.

3 Select **Status light**.

4 Select **On** or **Off**.

■ Keypad

Keypad lock

When the keypad lock is activated, this prevents the accidental operation of the keys. The key tones are muted.

The keypad lock is suspended when an incoming call is received and resumed once the call is over. Emergency calls (112 or other official emergency number) can however be made. If a key is pressed, a reminder message is displayed.

To activate and deactivate the keypad lock:

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **Keypad**.
  3 Select **Keypad lock**.
  4 To unlock the keypad, press **Unlock** then the [Clear] key.

or:

► **1** From the Standby display, press and hold the [Clear] key to activate the keypad lock.
  2 Press and hold the [Clear] key to de-activate the keypad lock.

Any key answer

This feature allows you to answer a call by pressing any key (except from the Off, No ring and Side keys).

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **Keypad**.
  3 Select **Any key answer** and select **On**.

Speed dial

Phone book numbers can be assigned to keys ② to ⑨. The ① key cannot be assigned a Phone book number as it is already assigned by default to the Voice Mail number (see "Calling the voice mail centre to check your messages", page 84).

Numbers stored in both the SIM card and the phone (except fixed dialling numbers) can be selected.

To assign Phone book numbers to the speed dialling keys:

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **Keypad**.
  3 Select **Speed dial**.
  4 The Key number and the attached name (if any) are displayed. Select **Names** (or press on the [Menu] key then select **Names** if a number has already been attached to the key) to select a name from the names list.
  5 Select **OK** to validate.

⚠ If a number which has been assigned to a speed dial key is deleted from the Phone book, the corresponding number is automatically deleted from the speed dial key.

■ Voice mail

Your network provider may offer a Voice Mail service which operates like an answering machine. You may be able to access it directly by pressing and holding the ①.
Contact your service provider for further details.

Storing a voice mail centre number

If your SIM card does not contain the Voice Mail centre number, you must store it manually:

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **Voice Mail**.
  3 Select **Number**. Enter the number (either by keying it or pressing on the [Menu] key then selecting **Names** list).
  4 Press **OK** to validate.

⚠ 1. The Voice Mail number is automatically assigned to speed dial location number 1 (see "Speed dial" on page 83).
2. If you subscribe to the 'Line 2' service, an additional Voice Mail centre number must be stored separately.

Activating/deactivating the voice mail alert tone

If you wish to be advised by a tone when receiving a new Voice Mail message:

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **Voice Mail**.
  3 Select **Alert**. Select **On**.

⚠ The availability of this feature is operator dependent.

Calling the voice mail centre to check your messages

You can either:

- Dial the Voice Mail centre number directly after receiving a message:

► 1   From the standby display, press and hold ① .

- or:

► 1   Press the [Menu] key. Select **Settings**.

    2   Select **Voice Mail**.

    3   Select **Call**.

■ Phone settings

Language selection

You can change the language on your mobile:

► 1   Press the [Menu] key. Select **Settings**.

    2   Select **Phone settings**.

    3   Select **Language**.

    4   Select a language from the list displayed and press **OK** to validate.

Auto features

Auto-answer

This feature is only operational when the phone is connected to a headset. The phone answers the call automatically after about 5 seconds without the need to press a key.

► 1   Press the [Menu] key. Select **Settings**.

    2   Select **Phone settings**.

    3   Select **Auto features**.

    4   Select **Auto-answer** and select **On**.

    5   Select **Save** to store your setting.

⚠   This feature is inhibited if the silent mode is activated or if the ringtone is set to 0.

Auto-retry

This feature allows the phone to redial a number automatically if call has failed due to an engaged line or an unavailable signal from the network. The number is re-dialled 10 times maximum until connection is established.

► 1   Press the [Menu] key. Select **Settings**.

    2   Select **Phone settings**.

    3   Select **Auto features**.

    4   Select **Auto-retry** and select **On**.

    5   Select **Save** to store your setting.

When activated, **Retrying** and a countdown timer are displayed prior to each new attempt. An auto-retry warning tone beeps each time a new call attempt is made.

Selecting **Exit** or pressing any key during the retry process cancels the operation.

Auto-switch-on/off

This feature allows the phone to switch on or off automatically at a pre-determined time.

► 1   Press the [Menu] key. Select **Settings**.

    2   Select **Phone settings**.

    3   Select **Auto features**.

    4   Select **Auto-switch-on** or **Auto-switch-off** and select **On** to activate the feature.

    5   Enter the time you want your mobile to switch on and/or to switch off and press **OK**.

    6   Select **Save** to store your setting.

If the phone is already on at automatic switch-on time, it remains on.

When the phone is about to automatically switch off, a warning message and a countdown timer are displayed. Selecting **Exit** cancels the switch off process.

If the mobile is already off at switch-off time, it remains off.

⚠   If a call is in progress at switch-off time, the switch-off process is postponed until the call has ended.

Caution - Remember to turn off the Auto switch-on feature when boarding an aircraft. See "General safety", page 8.

Active slide

This feature allows you to answer/end a call automatically on sliding the cover up or down.

▶ **1** Press the [Menu] key. Select **Settings**.
2 Select **Phone settings**.
3 Select **Auto features**
4 Select **Active slide** and select **On** to activate the feature.
5 Select **Save** to store your setting.

Time & date

This feature allows you to set the mobile time according to the world time zone map, based on Greenwich Mean Time (Origin clock). A Secondary clock is also available. This feature is useful for the Diary. To import or export calendar cards, events and tasks, schedules must be set according to Time zones. Both clocks are displayed on the screen. The date and time and the city name are displayed for both clocks.

Clock setting

To set the clocks:
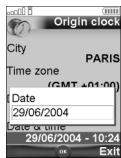
▶ **1** Press the [Menu] key. Select **Settings**.
2 Select **Phone settings**.
3 Select **Time & date**.
4 Select the **Origin clock** or press on the [Menu] key, then choose **Edit origin**. Scroll through the panels and fill in the required information.
5 Select **Save** to store the data.
6 Select the **Secondary clock** or press on the [Menu] key, then choose **Edit secondary**. Scroll through the panels and enter the required information.
7 Select **Save** to store the data.

Press on the [Menu] key to get to the following features:

OPTIONS	ACTION
Edit origin	To edit the origin clock panel in order to modify its contents.
Edit secondary	To edit the secondary clock panel in order to modify its contents.
Swap clocks	To swap the Origin clock and the Secondary clock. This feature is useful when travelling: the secondary clock becomes the origin/mobile clock and the origin clock becomes the secondary one.
Time format	To select a time format (12Hrs or 24Hrs).

Default settings

You can reset your phone and return to your mobile default settings via the **Settings** menu. This has no effect on the Phone book entries or the phone lock code.

▶ **1** Press the [Menu] key. Select **Settings**.
2 Select **Phone settings**
3 Select **Default settings**.
4 Select **Yes** (The «Set default ?» message is displayed)

■ GSM services

Call diverting

This Network dependent service allows you to divert incoming calls (voice, fax or data calls) to another number
To divert a call:

▶ **1** Press the [Menu] key. Select **Settings**.
2 Select **GSM Services**.
3 Select **Call diverting**. The following sub-menu is displayed (the contents of this menu may vary according to your service provider).

DIVERT OPTIONS	ACTION
Always	To divert all incoming voice calls.
When not reachable	To divert all voice calls when the phone cannot be reached (out of service).
On no reply	To divert all voice calls when the call is not answered.
When busy	To divert all voice calls when the line is engaged.
All conditions	To divert all voice calls when Not Reachable, No Reply and When Busy.
Cancel all	To cancel all diverting options.
All FAX calls	To divert incoming fax calls unconditionally.
All DATA calls	To divert incoming data calls unconditionally.

4 Select one of these options and select **OK**.

5 Select **Activate**.

6 Select **Voice Mail** (if you want the calls to be diverted to your voice mailbox), **Names** (select one of the Phone book entries) or **Number** (Enter the number to which the calls are to be diverted) and select **OK**. A validation message containing the selected number is displayed.

⚠ 1. If the 'On no reply' option is selected, please enter the time limit (5, 15 or 30 seconds; this also depends on your network) after which the feature will operate.
2. Call diverting must to be set for both Line1 and Line2. Only the selected line is affected by the call divert.

To check the call divert status or deactivate it:

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **GSM Services**.

3 Select the call diverting type to be checked or cancelled.

4 Select **Status** or **Cancel**.

To cancel all call diverts,

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **GSM Services**.

3 Select **Call diverting**.

4 Select **Cancel all**.

⚠ 1. This action cancels all call diverts (voice, faxes and data calls) for the current line.
2. To cancel call diverts for the other line, you must select this line first (menu Calls & Times - Line selection).

Call waiting

This network dependent feature allows you to receive a new call while a call is already in progress. To activate the call waiting feature:

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **GSM Services**.

3 Select **Call waiting**.

4 Select **Activate**. **Activated** or **Check your request** is then displayed.

⚠ You can also cancel or check the service status.

To put a call on hold and switch from Call 1 to Call 2:

▶ 1 Whilst a call is in progress, a beep sounds to indicate a second incoming call.
Select **Replace** to take Call 2 and end Call 1, select **Reject** to refuse Call 2 or press the Call/[Send] key to put Call 1 on hold and take Call 2.
Press the [On/Off] key to end Call 1 and press the [Call/Send] key to take Call 2.

2 Press on the [Menu] key then select **Swap** to get back to Call 1 and put Call 2 on hold.

To set up a conference-call

You can set up a conference-call with up to 5 participants. This option is network/subscription dependent.

▶ 1 Whilst two calls are in progress and a new call is received, Press on the [Menu] key then select **Join** or press ③ then press the [Call/Send] key to set up the conference-call. Repeat the action each time a new call is received.

During the conference-call, the following Options menu is available:

OPTIONS	DESCRIPTION
Speaker On/Off	To activate/deactivate the hands free mode.
Auto-DTMF	To type a new phone number and add this new correspondent to the conference-call. If the Auto-DTMF option is deactivated, you cannot type in a new phone number.
Private with	To have a private conversation with one of the participants. During a private conversation, the conference-call is put on hold.
Hold	To put the conference-call on hold.
Retrieve	To retrieve the conference-call if it is put on hold.
Mute/Unmute	To mute/unmute the microphone.
End one	To end one call.
End all	To end the conference-call.
Record	To record the conference-call up to 11min.

In compliance with European regulations, you are obliged to inform your correspondents before recording a phone conversation.

⚠ You can set up and receive a new call during the conference-call. In these cases the conference-call is put on hold.

To end a conference-call:
► **1** Press the [On/Off] key or press on the [Menu] key then select **End all** to end the conference-call.

Caller line identity - showing/hiding your mobile number (network dependent)

Most networks have Caller Line Identity feature (CLI). This feature allows the phone number or the identity of the caller to be displayed on incoming calls.

You can disable the sending of your own number on a call by call basis by adding #31# before the number you are dialling. You can also ask your service operator to hide your mobile phone number by default. Once hidden by your operator, you can show your number, on a call by call basis, by entering *31# before the number you are calling.

Standard network setting

To reset the standard network setting and send your mobile ID:
► **1** Press the [Menu] key. Select **Settings**.
  2 Select **GSM Services**.
  3 Select **Sending my ID**.
  4 Select **My settings**.
  5 Select **Preset**. The phone resets and reverts to its original network setting.

Hiding or showing your number

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **GSM Services**.
  3 Select **Sending my ID**.
  4 Select **My settings**.
  5 Select **Hide my ID** to prevent the mobile from sending your ID when making a call, select **Show my ID** to allow the mobile to send your ID or select **Preset** to get back to the default factory/operator setting.

Viewing your current ID status

► **1** Press the [Menu] key. Select **Settings**.
  2 Select **GSM Services**.
  3 Select **Sending my ID**.
  4 Select **Status**. The request is launched and an information message displays the Sending my ID status.

Please contact your service provider for more information.

Receiving caller ID

Most networks have the Caller Line Identity feature (CLI). This feature allows the phone number or the identity of the caller to be displayed on incoming calls.
You can check the availability of this feature on your network or subscription.

► 1   Press the [Menu] key. Select **Settings**.
  2   Select **GSM Services**.
  3   Select **Receiving caller ID**.
     The network then either returns **Presentation available** or **Presentation unavailable** information.

Network automatic search

When the phone is on, it automatically searches the last network to which it was registered (usually the home network). If it is not available, the phone automatically searches and selects one of the networks registered in the preferred network list (located in the SIM card).

Editing the preferred list

Your mobile contains a list of networks which can be selected (e.g.: to suit your travel arrangements). You can also transfer items from this list to the preferred networks list.
The order and names of the networks in the preferred networks list can be edited and amended.

► 1   Press the [Menu] key. Select **Settings**.
  2   Select **GSM Services**.
  3   Select **Network**.
  4   Select **Preferred list**. A list of networks is displayed.
  5   Use the [Up arrow] and the [down arrow] to select the required network. Press **OK** to select one of the following Options if you want to amend the list:

OPTION	DESCRIPTION
Modify by list	To display the list of all networks stored in the phone.
Modify by code	To edit or enter the identification operator number if you have the information.
Delete	To delete an entry

Your SIM card may contain a forbidden list of networks which cannot be used. To view this or show your home network:

► 1   Press the [Menu] key. Select **Settings**.
  2   Select **GSM Services**.
  3   Select **Network**.
  4   Select either **Forbidden** to view the list of forbidden networks, or select **Home network** to view the name of your usual network.

Selecting manual search

You may need to select a specific network (e.g. better coverage than your own in the current location).

► 1   Press the [Menu] key. Select **Settings**.
  2   Select **GSM Services**.
  3   Select **Network**.
  4   Select **Search**.
  5   Select **Manual**. The **Scanning for networks...** message is displayed.
  6   Use the [Up arrow] or [Down arrow] keys to select a network from the list.
  7   Press **OK** to confirm your choice.
     The **Requesting...** message is displayed, after which the phone will return to the standby display.

⚠ 1. You cannot select a network for manual change if it is on the forbidden list (even if it is still listed as a choice).
2. You cannot delete a network from the forbidden list. This list is automatically updated when the manual network selection is performed.
3. If the Manual search has been selected before turning the mobile off and if the manually selected network cannot be found when the mobile is next turned on, you must select another network manually for your mobile to lock on.

Selecting automatic search

To perform an automatic search from the preferred list, proceed as follows:

▶ 1 Press the [Menu] key. Select **Settings**.
2 Select **GSM Services**.
3 Select **Network**.
4 Select **Search**.
5 Select **Automatic**.

Call barring

This network dependent service forbids certain outgoing or incoming call types. It requires a call barring password.

To bar a call

▶ 1 Press the [Menu] key. Select **Settings**.
2 Select **GSM Services**.
3 Select **Call barring**.
4 Select **Outgoing calls** (to bar All outgoing calls, International calls or International calls excluding your Home network), **Incoming calls** (to bar All incoming calls or all incoming calls while Roaming only), **Cancel all** (to cancel all barring conditions) or **Change password**.
5 Select **Activate**. Enter the password and press **OK**.
The network then confirms the selection.

To remove call barring or check its status

▶ 1 Press the [Menu] key. Select **Settings**.
2 Select **GSM Services**.
3 Select **Call barring**.
4 Scroll up or down to select the barring type to be deactivated (Cancel) or checked and follow the instructions displayed.

Call barring password

The call barring password is used to select the call barring levels. It is supplied via your service provider.

To change the password:

▶ 1 Press the [Menu] key. Select **Settings.**
2 Select **GSM Services**.
3 Select **Call barring**.
4 Select **Change password**.
First enter the former password then enter the new password twice. A Confirmation message is displayed.

Operation mode

You can use your mobile as a modem on the GPRS network. When the modem mode is activated, you cannot send or receive a call.

▶ 1 Press the [Menu] key. Select **Settings**.
2 Select **GSM Services**.
3 Select **Operation mode**.
4 Select **Modem** or **Standard**.

■ Security features

The security features described in this section protect your phone from unauthorised use. When prompted, enter the code and press **OK**. Codes are displayed as asterisks (*). Press the [Clear] key if you need to amend your entry.

⚠ Avoid using codes similar to emergency numbers such as 112 to prevent the accidental dialling of these numbers.

KEEP A RECORD OF YOUR CODES IN A SAFE PLACE.

Phone lock code

A phone lock code is supplied with the phone for security purposes. It prevents unauthorised access to the phone and some of its features.

The default code is **0000**. We suggest that you change this code and keep the new one in a safe place.

Once this feature is activated, the code is requested each time the phone is turned on.

To change the phone lock code:

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **Security**.

3 Select **Phone lock change** and follow the instructions displayed.

4 Press **OK** to validate the new code.

To activate/deactivate the phone lock code:

▶ 1 Press **OK**. Select **Settings**.

2 Select **Security**.

3 Select **Phone lock enable** (if the code has been disabled) or **Phone lock disable** (if the code has been enabled) and enter your **Phone lock code**.

⚠ Emergency calls can still be made when phone lock is activated.

PIN code

Your SIM card was provided with a 4 to 8 digit PIN code for protection against unauthorised use. When enabled, the PIN code is required each time you turn your mobile on. If an incorrect PIN code is entered three times in succession, your SIM card will be blocked. The 8 digit PUK code is then required to unblock your phone. Please contact your service provider for this code.

To activate the PIN protection:

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **Security**.

3 Select **PIN enable** (if the code has been disabled) or **PIN disable** (if the code has been enabled) and enter your **PIN code**.

To change the PIN code (PIN must first be enabled):

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **Security**.

3 Select **PIN change** and follow the information displayed.

4 Press **OK** to validate your new PIN code.

PIN2 code

PIN2 code prevents unauthorised access to some of the mobile features (e.g. activating/deactivating FDN operations, modifying the FDN Phone book, setting calls costs to zero, modifying the costs display features). This code can be changed but not be activated or deactivated.

Please contact your service provider for your PIN2 code. To change the PIN2 code:

▶ 1 Press the [Menu] key. Select **Settings**.

2 Select **Security**.

3 Select **PIN2 change** and follow the information displayed.

4 Press **OK** to validate your new PIN2 code.

PUK code

The PUK (PIN unblocking key) is an 8 digit code supplied by your service provider. It is used to unblock the phone when an incorrect PIN code has been entered three times in succession. A PUK code cannot be changed.

When prompted, enter the PUK code and select **OK**. You are then requested to enter a new PIN code. Follow the prompts displayed to reset the PIN code.

⚠ If you have entered an incorrect PUK code 10 times in succession your SIM card will be permanently blocked. Contact your service provider for a new card.

PUK2 code

The PUK2 is an 8 digit code supplied by your service provider. It is used to unblock the phone when an incorrect PIN2 code has been entered three times in succession. A PUK2 code cannot be changed. When prompted, enter the PUK2 code.

⚠️ If you have entered an incorrect PUK2 code 10 times in succession for use of the features requiring the PIN2 code, your mobile will be permanently blocked. Contact your service provider for a new card.

Summary of code/password entry chart

PASSWORD	LENGTH	NUMBER OF ATTEMPTS ALLOWED	IF BLOCKED OR FORGOTTEN
Phone lock code	4 digits	Unlimited	Return phone to manufacturer
PIN	4-8 digits	3	Unblock with PUK code
PIN2	4-8 digits	3	Unblock with PUK2 code
PUK	8 digits	10	Contact your service provider
PUK2	8 digits	10	Contact your service provider
Call barring password	4 digits	Defined by service provider	Contact your service provider
i-mode lock code	4 digits	Unlimited	Return phone to manufacturer

APPENDIX

■ Glossary

EXPRESSION	MEANING
AC/DC charger	Alternating Current/Direct Current charger
Active call	The call currently in progress
ALS	Alternate Line (Line 2) Service
AoC	Advise of Charge - subscription service
CB	Cell Broadcast
CLI	Caller Line Identity - displays caller's telephone number
DES	Data Encryption Standard
Diverting	Diverts incoming calls to another number
DTC	Desk Top Charger
DTMF	Dual Tone Multifrequency Tones
FDN	Fixed Dialling Number
GSM	Global System for Mobile communications
http	Hyper Text Transfer Protocol
IN	Information Numbers of your operator
IP	Internet Protocol
LCD	Liquid Crystal Display
MMI	Man Machine Interface
MMS	Multimedia Messaging Service
PIN/PIN2	Personal Identification Number. Supplied by your network/service provider
PPP	Point to Point Protocol
PUK/PUK2	PIN Unblocking Key. Used to unlock PIN and PIN2. Supplied by your network/service provider
QQVGA	Quarter Quarter Video Graphics Array
Roaming (Rm)	The ability to use your telephone on networks other than your home network.
SDN	Service Dialling Number of your operator or service provider
SIM	Subscriber Identity Module. Supplied by your network/service provider
SMS	Short Message Service
SPN	Service Provider Name
SR	Status Report - relates to SMS messages
Standby mode	When the phone is on but not receiving/making a call or menu navigating.
URL	Uniform Resource Locator
VGA	Video Graphics Array

■ Troubleshooting

PROBLEM	POSSIBLE CAUSE AND SOLUTION
Phone does not switch on	Check that the battery is fully charged and correctly connected to the phone.
Short standby and talk times	Cell broadcast is permanently on, using more battery power. Phone is in a poor signal area and therefore always on full power. Incorrect charging and discharging. Always charge and discharge your battery fully. The battery is wearing out. Contact your dealer and replace the battery.
Impossible to dial numbers	Keypad lock is on (🔒 appears). Press **Unlock** and the [Clear] key to turn the keypad lock off.
Impossible to make or receive a call	Check that at least one signal strength bar (▄▖▌) is displayed. Try a stronger signal strength area. If no network name is displayed, check registration and area coverage with your service/network provider and check that the SIM is correctly inserted. Call barring option is on. Deactivate it (see page 89). Call cost limit is reached (see page 35).
Stored telephone numbers cannot be recalled	Fixed Dialled Number or Call Barring features are activated. Deactivate feature. (see page 89).
The mobile is on but nothing is displayed.	Display contrast is too low. Reset contrast (see page 82).
No flashing battery icon whilst charging	There may be no mains supply. Try a different electrical socket. The AC/DC charger may be faulty. Return to your dealer and try substitution with another Mitsubishi Electric adaptor.
Battery icon ▥ not flashing 1-2-3-4-5 during charging	May indicate a charge or battery problem. Disconnect the charger. Reconnect and try again. May also indicate that the battery is fully recharged and does not require any further charging.
No charge symbol when connecting the charger	If the battery is totally empty the battery level symbol may not be displayed at once when connecting the battery charger. Moreover the mobile cannot be turned on. Up to 15 minutes may be necessary to reach the required 4% battery charge to turn your mobile on and allow the battery charge symbol to be displayed.
✉ symbol displayed	There is not enough memory to store another mail or another MMS. Delete one or more of the existing stored messages.
Flashing ✉	There is not enough memory to store another SMS message. Delete one or more of the existing stored messages.

■ Error messages

PROBLEM	POSSIBLE CAUSE AND SOLUTION
Allowed credit reached!	You are trying to place an outgoing call and the allowed credit is already reached. The allowed credit limit is reached during an outgoing call (the call is then aborted).
An internal error has occurred	An error occurred in a game execution.
Busy	You are trying to make a call and the call fails because the destination number is already engaged in conversation.
Call failed	The user is unreachable. The outgoing call fails due to: the network cannot take the call because the system is busy or the number is out of order or the number is unreachable or the network does not answer or the option to hide your phone number when calling is not supported by the network Control the ability to hide your ID when making a call (service availability in network).
Cancelled. No type selected	Cell broadcast activation has been requested but no message type has been selected.
Cannot execute command	You have made a request which is impossible to execute in the current call situation.
Can't display message	The short message text cannot be displayed (characters not recognised, incorrect format etc.)
Charge error	A problem occurred during mobile battery charge process.
Check battery!	A battery problem has been detected.
Check SIM!	There is no SIM present or the SIM is incorrectly inserted.
Check your password	You changed the call barring password or You changed the call barring service status. The entered password seems to be wrong or incorrect.
Check your request	You made a request for a service that seems to be unavailable.
Check your subscription	You tried to activate a GSM service. You are requested to check your subscription regarding the related service rights of use/access.
Connection failed	Connection with the server cannot be established for one of the following reasons: The server is busy. Try to connect later. The server is down. Try to connect later. The network is not reachable. Check the GPRS service icon is displayed in standby mode.
Connection failure	The connection data failed.
Error!	The network cannot perform your request and generates an error.
Failed	An SMS sending process failed (the short message cannot be sent).
File protected	The file cannot be exported (copyright).
File too big	The file dimensions (pixels) and/or weight (KB) are not adapted to your mobile. Resize the file (The maximum allowed file size depends on your service provider).
Incorrect entry	You entered a character string with a syntax error.
Invalid data received	The received file bears invalid information or the melody format cannot be recognised by the mobile
Invalid number	You tried to make a call and the call is rejected by the network because the network does not recognise the phone number structure. You tried to store a phone number that is too long to be stored in the selected location. You tried to move a phone entry to a location that is unable to receive the phone number (phone number too long).

Low battery!	The battery is low and the phone will soon be switched off automatically.
Network busy	You tried to make a call. The call is rejected by the network due to congestion problems.
Network not allowed	When selecting network manual search, you have selected a network that rejects the connection.
New PIN2 incorrect. Try again	Changing PIN2: the new PIN2 code values differ (value control).
New PIN incorrect. Try again	Changing PIN: the new PIN code values differ (value control).
No connection	No connection is defined in the connection profile.
No match!	No matching pattern has been found between the pronounced sentence and the recorded sentences from the voice dialling database.
No response	You made a call to a remote user and no response has been received.
Not allowed	Your number/character entry is not allowed.
Not allowed fixed dialling	A call is tried, but cancelled due to fixed dialling control (the number dialled does not match with one of the fixed dialling numbers in memory).
Not enough place in the phone memory Not enough place in the SIM memory	The corresponding memory is full.
Number changed	The called number has changed.
Page has no content	Your request was accepted by the network but the required server page is empty.
Phone permanently blocked	A wrong PUK code has been entered 10 times. The phone is now permanently blocked.
PIN blocked	A wrong PIN code has been entered 3 times.
PIN2 blocked	A wrong PIN2 code has been entered 3 times.
PUK2 blocked	A wrong PUK2 code has been entered 10 times. The SIM services protected by the PIN2 code have now been permanently disabled.
Reaching allowed credit!	The cost limit is about to be reached. The connected call ends automatically when the limit is reached.
Ring volume Off	The ring volume is set to 0 (no volume).
Service not available	Activating some GSM services that are not available on the network
SIM blocked. Contact provider	A wrong PUK has been entered 10 times. The SIM card has been permanently disabled and needs to be replaced by a new one.
SIM names Phone book full Phone names Phone book full	The corresponding memory is full.
Undeletable file	The file cannot be deleted (copyright protected).
Wrong code. Try again	A wrong phone lock code has been entered.
Wrong new code. Try again	The new phone lock codes do not match (value control).
Wrong PIN, try again Wrong PIN2, try again Wrong PUK, try again Wrong PUK2, try again	The wrong code has been entered.
Wrong SIM inserted: phone locked Invalid SIM	A SIM card, different from the SIM to which the phone is usually locked, has been inserted in the phone.
Not enough space	The corresponding memory is full or nearly full..
Too many applications	The number of applications in the mobile has already reached the maximum (50).

■ Guarantee

Pan european service

Should you experience any difficulty, please contact your nearest Mitsubishi Electric representative in the list below for information on service centres.

UNITED KINGDOM	BELGIUM	SPAIN	GERMANY
Tel: (0800) 912 00 20	Tel: (0800) 75733	Tel: (902) 11 68 58	Tel: (01803) 33 71 84
FRANCE	LUXEMBURG	ITALY	NETHERLANDS
Tel: (0825) 86 82 83	Tel: (800) 23552	Tel: (800) 79 10 29	Tel: (0800) 0223 825
	IRELAND	GREECE	
	Tel: (1800) 927 012	Tel: (00800) 4413 1247	

Important : to obtain the Mitsubishi Electric warranty service, the original purchase invoice from the dealer is required.

Pan-european end-user guarantee conditions

1. Mitsubishi Electric guarantees that for a period of twelve (12) months from the date of purchase from the dealer, the product shall be free from defects in materials and workmanship. If the statutory warranty in force in your country exceeds 12 months, the statutory warranty is not affected by this manufacturer's guarantee. This guarantee also covers batteries for a period of twelve (12) months from the date of purchase from the dealer. Subject to the conditions below, MMCE will indemnify you for the cost of all parts and labour for repairs, or the replacement of the product or parts (which may include equipment of similar type) where conducted by an approved Mitsubishi Electric service centre. MMCE shall be entitled to retain any product that has been replaced.

2. All claims must be made to an approved Mitsubishi Electric service centre. You can contact the Mitsubishi Electric representatives listed above to obtain details of your nearest approved Mitsubishi Electric service centre. As a condition of this guarantee, the date of the purchase must be confirmed by producing the original invoice from the dealer. The final determination of guarantee claim eligibility shall be made by MMCE.

3. This guarantee does not cover:

a) non-compliance with directions for use;

b) installation or removal charges where the product is installed in a vehicle;

c) defects or failures caused by accident, misuse, improper installation or improper repair by a non-approved repairer, alteration or modification, neglect, failure to use the phone for normal purposes, Acts of God, water ingress, use in adverse environmental conditions (humidity or temperature);

d) cost of or performance of any modifications to the product to adapt or adjust it to conform to national or local safety laws, where such safety laws go beyond agreed European Union standards;

e) loss of use of the product or consequential loss of any nature;

f) loss of use of air-time, loss of use of any loaned equipment or ancillary equipment;

g) provision of incorrect or insufficient signal on air-time network, upgrading of product software to changes in network operating parameters, main supply voltage fluctuations, incorrect SIM card (memory card) parameters for connection to airtime retailer;

h) damage caused by non-Mitsubishi Electric accessories.

I) telephones or accessories from which the brand or serial number has been removed or changed; whose labels have peeled off or have been damaged; in which one of the two screens or the camera presents cracks; whose the mobile holders are broken, which show signs of having been taken apart or in which the humidity indicator shows positive.

4. Any guarantee claim or service does not extend the original guarantee period unless so required by prevailing national law.

5. This guarantee is valid only if the product is purchased and used in the European Union, Norway, Iceland or Switzerland.

THIS GUARANTEE DOES NOT AFFECT YOUR STATUTORY RIGHTS.

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