Panasonic X400

User Guide

Customised for

vodafone *live!*™

Before operating this phone, please read these instructions completely. Charge battery before operation.
All screen images in the manual are simulated.

Contents

Contents

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900 and GSM1800. It also supports GPRS for packet data connections. Please ensure the battery is fully charged before use.

We, Panasonic Mobile Communications Development of Europe Ltd., declare that the EB-X400 conforms with the essential and other relevant requirements of the directive 1999/5/EC.

A declaration of conformity to this effect can be found at **http://www.panasonicmobile.com**

Safety considerations

The following information should be read and understood as it provides details which will enable you to operate your phone in a manner which is both safe to you and your environment, and conforms to legal requirements regarding the use of cellular phones.

Power

This equipment should only be charged with approved charging equipment to ensure optimum performance and avoid damage to your phone. Other usage will invalidate any approval given to this apparatus and may be dangerous. Ensure the voltage rating of the Fast Travel Charger is compatible with the area of use when travelling abroad. A Fast Travel Charger (EB-CAX70xx*) is supplied with the Main Kit. Other recommended equipment for charging – Car Charger (EB-CDX70).
Note* xx identifies the Charger region, e.g. EU, UK.

Battery

Use of another battery pack than that recommended by the manufacturer may result in a safety hazard.

Aircraft

Switch off your cellular phone when in an aircraft. Ensure that the setting of the Alarm function will not contravene regulations whereby it may automatically power on when in an aircraft or medical facility etc. The use of cellular phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to the suspension or denial of cellular phone services to the offender, or legal action or both.

Disposing of the Battery

Do not incinerate or dispose of the battery as ordinary rubbish. The battery must be disposed of in accordance with local regulations and may be recycled.

Do Not Use

It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Never expose the battery to extreme temperatures (in excess of 60°C).

Driving

It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone while you are driving; find a safe place to stop first. Do not speak into a handsfree microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning the use of cellular phones within the area where you are driving and observe them at all times.

Electronic Devices

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Efficient Use

For most efficient use, hold the phone as you would any normal phone. To avoid deterioration of signal quality or antenna performance, do not touch or "cup" the antenna area while the phone is switched on. (See "SAR Statement".) Unauthorised modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

If you use a feature which keeps the key backlight on continuously for a long time, such as the camera, a game or the browser, battery life will become extremely short. To maintain longer battery life, set the Key backlight to off. See "Setting Key backlight" on page 28 and "Settings" on page 74.

Do not leave the camera facing direct sunlight to avoid impairing camera performance.

Heating Equipment

When your handset, the accompanying battery or charging accessories are wet, do not put those in any type of heating equipment, such as a microwave oven, a high pressure container, or a drier or similar. It may cause the battery, handset and/or charging equipment to leak, heat up, expand, explode and/or catch fire. Moreover, the product or accessories may emit smoke and their electrical circuits may become damaged and cause the products to malfunction. Panasonic is not responsible for any and all damages, whether direct or indirect, howsoever caused by any misuse.

Backup Copies & Security

It is recommended that you create a copy or backup, as appropriate, of any important information and data which you store in your phone's memory. In order to avoid accidental loss of data, please follow all instructions relating to the care and maintenance of your phone and its battery. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

Your phone has the capability of storing and communicating personal information. It is recommended that you take care to ensure that any personal or financial information is stored separately from your phone. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

WWW Downloading

Your phone has the capability of downloading and storing information and data from external sources. It is your responsibility to ensure that in doing this you are not infringing any copyright laws or other applicable legislation. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data or any such infringement of copyright or intellectual property rights, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss or revenues).

Camera

You are advised to take appropriate care over the use of the internal camera. It is your responsibility to ensure that you have permission to take photographs of people and objects and that you do not infringe any personal or third party rights when using the camera. You must comply with any applicable international or national law or other special restrictions governing camera use in specific applications and environments. This includes not using the camera in places where the use of photographic and video equipment may be prohibited. Panasonic accepts no liability for any and all losses howsoever arising from any infringement of copyright or intellectual property rights, including but not limited to direct and indirect losses.

Do not use this phone without the battery cover attached.

The colour liquid crystal display (LCD) uses high-precision production technology, and in certain circumstances pixels may appear brighter or darker. This is due to characteristics of the LCD and is not a manufacturing defect.

The display layouts and screenshots within this document are for illustrative purposes and may differ from the actual displays on your phone. Panasonic reserves the right to change the information in this document without prior notice.

This Panasonic mobile phone is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU, USA FCC and Australian ACA regulations; or as specifically stated in the separate declaration leaflet enclosed with this product.

This phone should only be used with Panasonic approved accessories to ensure optimum performance and avoid damage to your phone. Panasonic is not responsible for damage caused by using non-Panasonic approved accessories.

This phone must be used in compliance with any applicable international or national law or any special restrictions governing its use in specified applications and environments. This includes but is not limited to use in hospitals, aircraft, whilst driving and any other restricted uses.

Please refer to our website for latest information/standards and compliance in your country/ region of use.
http://www.panasonicmobile.com

SAR

European Union – RTTE

THIS **PANASONIC PHONE (MODEL EB-X400)** MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by The Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and 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 employs a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit recommended by The Council of the European Union is 2.0 W/kg*. Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The SAR value for this model phone, when tested for use at the ear, for compliance against the standard was 0.555** 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.

*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. SAR values may vary depending on national reporting requirements and the network band.
**Right side of Head (Test Position: Cheek) Measurement results for GSM900.

For SAR information in other regions please look under product information at
http://www.panasonicmobile.com/health.html

Pressing any of the keys may produce a loud tone. Avoid holding the phone close to the ear while pressing the keys.

Extreme temperatures may have a temporary effect on the operation of your phone. This is normal and does not indicate a fault.

The display quality may deteriorate if the phone is used in environments over 40°C for a long time.

Do not modify or disassemble the equipment. There are no user serviceable parts inside.

Do not subject the equipment to excessive vibration or shocks.

Do not drop the battery.

Avoid contact with liquids. If the equipment becomes wet, immediately remove the battery and contact your dealer.

Do not leave the equipment in direct sunlight or a humid, dusty or hot area.

Never throw a battery into a fire. It may explode.

Keep metallic items that may accidentally touch the terminals away from the equipment/battery.

Batteries can cause property damage, injury or burns if terminals are touched with a conductive material (i.e. metal jewellery, keys, etc.).

Always charge the battery in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery if it is outside this temperature range.

When disposing of any packing materials or old equipment, check with your local authorities for information on recycling.

Getting Started

Some services described in this manual are network dependent or may only be available on a subscription basis. Some functions are SIM dependent. For more information contact Vodafone.
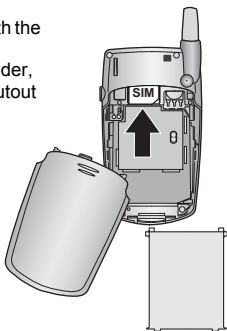
Inserting and removing the SIM

The SIM is inserted into the back of the phone.
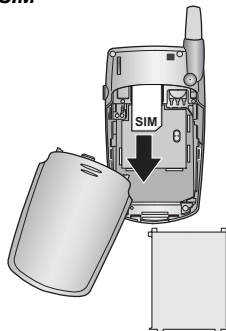(See "Attaching and removing the battery" below to remove or attach the battery.)

Inserting the SIM

Slide your SIM card (with the gold contacts facing downwards) into its holder, making sure that the cutout corner is aligned.

Removing the SIM

Slide out the SIM.

> **NOTE** If you are upgrading your phone and your previous phone did not support new services, such as MMS (Multi Media Messaging), you may need to insert a new SIM. Contact Vodafone.
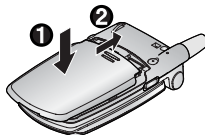
Attaching and removing the battery

Before removing the battery, ensure that the phone is switched off and the charger is disconnected from the phone.

Attaching the battery

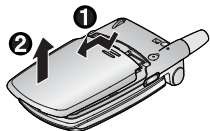1 Insert the battery, ensuring the 3 gold contacts align with the 3 gold pins in the phone.
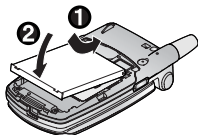
2 Replace cover on the phone and slide upwards to the top of the phone.
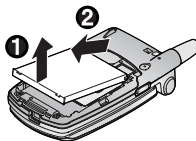
Removing the battery

1 Press top part of the cover and remove.

2 Lift the battery out.

Charging the battery

### *Connecting and disconnecting the Fast Travel Charger*

The battery must be attached in the phone before the charger is connected.

Do not force the connector as this may damage the phone and/or the charger.

Connect the charger to the mains power supply. When the phone is charging, the charging indicator will light and a scrolling icon will appear in the main display.
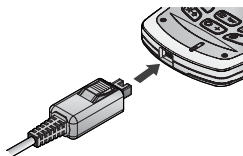
When charging is complete switch off the mains power supply and disconnect the charger by pressing the button on the connector ❶ and remove from the base of the phone ❷.
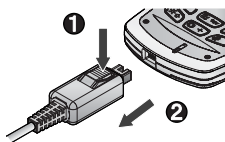
Operation of battery level indicator

While charging	Charging complete

Charging Indicator will go out when charging is completed.

Low battery power warning

When the battery power is low, a warning tone will sound and a **Battery low!** message will be displayed. Charge the battery, or the phone will be switched off in 2 minutes. (See "Charging the battery" above.) Calls can be made and received while the phone is charging.

Some settings may be lost if the battery is removed or remains discharged for more than 1.5 hours.

Keys & Displays

Speaker

Earpiece (Receiver)

Main Display

One Push Auto Open button
Press to open the handset

Navigation key
Select/scroll/move/
Alert mute/Keyguard

Left Soft key

Right Soft key

Multi Function key
Camera/Shutter/Alert mute

Personal Handsfree Connector

Send key
To answer a call or to
make an outgoing call

Power/End key
Press and hold to switch your
phone on/off

1 key/Vodafone mail key
Press and hold to call
Vodafone mail

International Dialling Prefix key

Asterisk key

**Pause key/
Quiet Mode key**

Charging Connector

Microphone

Camera Lens

Self-Portrait Mirror
Watch yourself
when taking a self-portrait

Infrared Port

**Illumination Light/
Charging Indicator**
Lights red during charging

Keys

Key	Function
	Navigation key: Select and save settings, and scroll/move through menus, text and Contacts. Also serves as shutter button for the camera and to control movements while playing games.
	Select key: Press centre to select option or to save. **Keyguard key:** From Idle mode, press and hold to lock the keypad, or press to unlock the keypad. **Alert Mute key:** Turns ring tone off and stops vibration when receiving a call (Alert mute).
	Scroll key: Press top or bottom edge to move screen cursor up or down.
	Move key: Press left or right edge to move screen cursor left or right.
	Left Soft key: Perform function displayed in lower left corner of the display. From Idle mode, press to open Messages menu.
	Right Soft key: Perform function displayed in lower right corner of the display. Mainly used to cancel and return to previous menu level or to delete text/number entries. Press and hold to delete all characters in text entry mode. From Idle mode, press to open Vodafone live!
	Send key: Make a call, recall recently dialled phone numbers or answer a call.
	Power/End key: Press and hold to switch phone on/off. When the phone is on, press briefly to end a call. During key operation, press to return to Idle mode.
to	**1 key/Vodafone mail key:** Press and hold to retrieve Vodafone mail messages. **1-9 Number keys:** Enter numbers. Press and hold a single key (2-9) for Speed dial. In text entry mode, enter text, numbers and characters.
	0 Number key: Enter number. In text entry mode, enter number and characters. **International Dialling Prefix key:** Press and hold to enter + (the international dialling prefix) while entering a phone number.
	Asterisk key: During text entry mode, press to switch between upper case and lower case letters. Changes Input mode (Hold).
	Pause key: Press and hold to enter a pause (P) while entering a phone number. In text entry mode, press to enter a space. Press and hold to enter a line feed. **Quiet Mode key:** From Idle mode, press and hold to turn Quiet profile on/off.
	Multi Function key (located on the left side of the phone): Press to enter camera mode, then press again to take a picture. Turns ring tone off and stops vibration when receiving a call (Alert mute).

Shortcuts
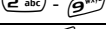
When you are familiar with the menu system, you can use the keypad to access features instead of navigating through the display menus.

Short press (from Idle mode)

Key	Function
⌨	Messages
⌨	Vodafone live!
⦿	Menu/Alert mute/ Keyguard off
⟳	Shortcuts
⦿	Contacts

Key	Function
⊙	Inbox (MMS)
⊙	Calendar
⟅1∞⟆ - ⟅0 +⟆ ⟅*⟆ ⟅#⟆	Call dial field
⟍	Dialled numbers
⬭	Camera/Alert mute

Long press (from Idle mode)

Key	Function
⦿	Keyguard on
⟅1∞⟆	Vodafone mail
⟅2abc⟆ - ⟅9wxyz⟆	Speed dial
⟅#⟆	Quiet mode on/off

Illumination light

Function	Luminous colour	Light goes out
Incoming call	Blue	if call is missed (Red) or switched over to voice call (Blue)
Call in progress	Blue	if call ended
Missed call notification	Red	Mobile phone status: Closed LED goes out when phone is opened or the Multi Function key is pressed. Mobile phone status: Open LED goes out by pressing any key or if phone is closed.
Message notification (SMS or MMS or WAP Push)	Green	Mobile phone status: Closed LED goes out when phone is opened or the Multi Function key is pressed. Mobile phone status: Open LED goes out by pressing any key or if phone is closed.
Alarm notification	Purple	after alarm is ended (30 seconds) or any key is pressed

Display

Main display

With some operations, the display automatically clears after 2.5 seconds or after pressing any key.

Status icons

Different icons are shown, depending on the features you are using and the options you have selected. Icons appear on the main display as shown in the following table.

Icon	Meaning
Signal strength	Signal strength The more bars visible, the stronger the signal.
	Battery charge level
	Battery is charging
	GPRS is active
	Quiet profile is active
	Meeting profile is active
	Outdoor profile is active

Icon	Meaning
	Car profile is active
	SMS message storage area is full
	MMS message storage area is full
	Java™ (Suspended)
	Unread SMS message
	Unread MMS message
	Unread WAP push message
	Call diverts is on
	Infrared is active
	New Vodafone mail message received
	Incoming volume 0
	Vibration alert is on
	Alarm is set
	On-line browsing during CSD (Non-Secure)
	On-line browsing during CSD (Secure)
	On-line browsing during GPRS (Non-Secure)
	On-line browsing during GPRS (Secure)
	Keyguard is on

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How to Use This Phone
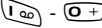
Selecting a menu option

From Idle mode, press the centre of the Navigation key ⊙ to open the main menu display. The main menu display has 9 options.

Main menu

Press to perform function displayed in the lower left corner.

Press to Cancel/Exit or to perform function displayed in lower right corner.

Main menu screen

Symbols used in this manual

The table below shows the symbols used throughout these instructions and the corresponding meanings in the column on the right.

Symbol	Meaning
⊙	Press centre of the Navigation key to select option or to save
⟳ ⟱ ⟲ ⟳	Direction in which you can move on the display screen with the Navigation key
✛	Shows possibility of moving in any direction (up, down, left and right) on the display screen with the Navigation key
↕	Shows possibility of moving up and down on the display screen with the Navigation key
↔	Shows possibility of moving left and right on the display screen with the Navigation key
▱	Press Left Soft key
▱	Press Right Soft key
⊙ ▱	Press centre of Navigation key or Left Soft key
1 - 0 +	Press Number keys
*	Press Asterisk key
#	Press Pause key / Quiet Mode key
✆	Press Send key
✆	Press Power / End key
▭	Indicates that a function is SIM dependent
⚟	Indicates that a function is network dependent
▬	Press Multi Function key

Phone Basics and Managing Calls

Switching phone ON/OFF

Press and hold ✐ for 3 seconds to switch phone on

• When the phone is switched on, a greeting may be displayed and the phone enters Idle mode.

Press and hold ✐ again to switch phone off

When switching the phone off, use only ✐ to avoid damaging the phone.

Displaying menu

1 To access the menu, press ● in Idle mode

2 The menu will be displayed

   (The menu may vary depending on your SIM.)

Making calls

• To make a call, start in Idle mode.
• Ensure network name and 📶 appear on the display.

Standard dialling

1 Enter phone number (0＋ - 9wxyz , *☆ , #✲)

2 ✎ / ●

Contacts dialling

1 ○ **Contacts** (see "Shortcuts" on page 10)

2 ○ required contact ✎

Recent number dialling (Calls made or received)

1 ✎

2 ◄○► **Dialled numbers, Answered calls** or **Missed calls**

3 ○ required contact ✎

International dialling

The international code for the destination country/region should be entered, followed by the area code and phone number.

1 Press and hold ⓪➕

2 Enter country/region code

3 Enter area code and phone number 🔍 / ⦿

> **NOTE** Many countries/regions include an initial "0" in the area code. This should, in most cases, be omitted when dialling international numbers. If you have difficulties making international calls, contact Vodafone.

Emergency call

To make an emergency call the antenna (📶) must be present.

If SIM is inserted enter emergency number 🔍 / ⦿

If SIM is not inserted,

1 ▢

2 ⦿ **SOS**

3 ⦿ / ▢

> Making emergency calls without a SIM is country or network operator dependent.

Answering calls

Press any key except ✆ / ⬭ / ⦿ / ▢ (Any key answer)

> **NOTE** Any key answer can be disabled. (See "Any key answer setting" on page 36.) In this case, calls can only be answered by pressing 🔍 or ▢.

Ending/rejecting calls

✆ / ▢ or fold the phone during an incoming call to reject the call or end a call in progress.
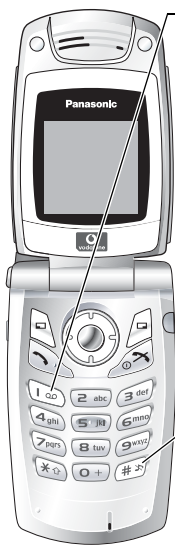
Vodafone Mail

You need to subscribe to the voice mail service through Vodafone before you can retrieve voice mail messages. To check if voice mail access has been configured, press and hold 🔲. See "Vodafone Mail" on page 55 on how to programme.

1   When a new voice mail message is received, an alert sounds and ▢▢ appears in lower part of the display or you receive an SMS notification (depending on the local service)

   • ▢▢ remains on the display until you have listened to all your voice messages.

2   Press and hold 🔲 to automatically dial your Vodafone mail number

   • If the number is not valid, contact Vodafone.

3   Follow the recorded instructions for your voice mail

4   🔲 when finished

Activating Quiet mode

1   To quickly set the phone to your preset Quiet mode settings, press and hold 🔲

   • To change Quiet mode settings, see "Editing profile" on page 24.

2   To disable, press and hold 🔲 again
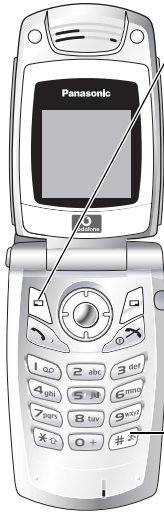
In-call options

During a call: 🖻 for options
🔘 required option ● / 🖻

Option	Explanation
Hold Call	Put a call on hold. To resume, 🖻 , 🔘 **Resume** ● / 🖻
From contacts	Access the Contacts list
Create SMS	Access Create SMS
Inbox(SMS)	Access Inbox(SMS)
Calendar	Access Calendar
Handsfree / Handheld	Switch to Desktop Handsfree or Handheld

Earpiece volume

During a call: 🔘 / ◄O► to adjust earpiece volume

Desktop Handsfree

Desktop Handsfree allows you to have a conversation without holding the phone to your ear.

Swapping between Handsfree and Handheld calls:

During a Handheld call:

🖻 , 🔘 **Handsfree** ● / 🖻

During a Handsfree call:

🖻 , 🔘 **Handheld** ● / 🖻

Do not hold the phone to your ear in Handsfree mode.

DTMF tones

DTMF tones can be sent during a conversation. These are often used to access voice mail, paging and computerised home banking. For example, you may need to input a number to remotely access voice mail messages. A phone number may be stored in Contacts together with a DTMF tone sequence, allowing the number to be dialled upon recall and the DTMF tone sequence to be sent automatically.

Send DTMF tones during a call:

Press digits (0+ - 9wxyz , #ᵇ , *ᵇ)

Pause dial:

Using pauses allows you to send DTMF tones automatically.

1 Enter phone number

2 Press and hold #ᵇ until a P is displayed at the end of the phone number entered

3 Enter the DTMF digits after the pause, e.g. enter the number to access Vodafone mail messages

4 ↘ / ●

When the call is connected the DTMF tone sequence will be sent after 3 seconds.

17
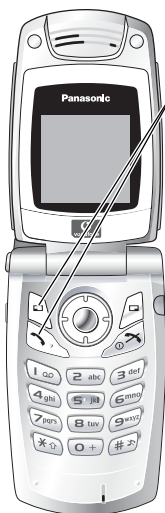
Incoming call while on a call

During a call, you may receive another call. To enable this, Call waiting must be on. (See "Call waiting" on page 32.)

Accept a second call:

⬚ / ⬚ (The second call is active, the current call is put on hold)

When two calls are connected, the following options are available by pressing ⬚.
⬚ required option ⬚ / ⬚

Option	Explanation
Swap	Switch between two connected calls
Merge	Enable multi-party conversation when two calls are connected (one active, one on hold). All three parties can then talk to each other
From contacts	Access the Contacts list
Create SMS	Access Create SMS
Inbox(SMS)	Access Inbox(SMS)
Calendar	Access Calendar
Handsfree / Handheld	Switch to Desktop Handsfree or Handheld

Reject a second call:

⬚ to reject the incoming call and to resume the call in progress.

End current call and receive second call:

⬚ to end the call in progress, then press any key except ⬚ / ⬚ / ⬚ / ⬚ to answer the incoming call.

Making a second call

During a call:
Enter second phone number and ⬚ / ⬚

or

⬚ for options and select required contact from the Contacts list and ⬚

• The first call is put on hold.

Multi-party call

A multi-party call has 3 or more people in conversation at the same time. (📶)

1 Establish a multi-party call by merging two calls

2 Continue to add people to the multi-party call (up to 5 connections in total) by calling others or by accepting incoming calls

When making a call or accepting an incoming call, the multi-party call is placed on hold. The callers already in the multi-party call can continue to talk with each other while on hold. Each additional connection can then be merged into the multi-party call by ▢, ◉ **Merge** ◉ / ▢.

Multi-party call options

You can select an individual from the multi-party call and split the conversation, allowing you to talk privately without the participation of the rest of the parties in the multi-party call.

1 During a multi-party call, ▢

2 ◉ **Option** ◉ / ▢

3 ◉ desired caller in the multi-party list

4 desired option ▢

5 ◉ required option ◉ / ▢

Option	Explanation
Split	Split the selected caller from the multi-party call so you can talk privately. The remaining multi-party callers are placed on hold and can still talk with each other. To rejoin the call, ▢, ◉ **Merge** ◉ / ▢
Ok	Close the options list

To end the call's connection, ▢ (End)

6 ▢ to end the multi-party call and all connections
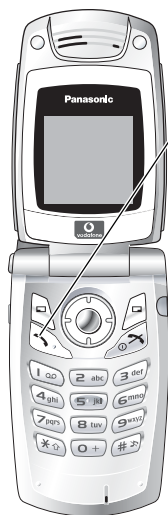
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Call log

Recently dialled phone numbers, answered calls and missed calls are stored in the Call log. The numbers in the Call log list can be used to call, send messages or add to Contacts. You can also delete the numbers from the list.

Viewing Call log

1 ✎

2 ◄◉► **Dialled numbers**, **Answered calls** or **Missed calls**

3 ◉ required phone number ◉

Dialling from Call log

1 ✎

2 ◄◉► **Dialled numbers**, **Answered calls** or **Missed calls**

3 ◉ required phone number ◉

4 ⬚

5 ◉ **Call** ◉ / ⬚

Sending messages

1 ✎

2 ◄◉► **Dialled numbers**, **Answered calls** or **Missed calls**

3 ◉ required phone number ◉

4 ⬚

5 ◉ **Send message** ◉ / ⬚

6 ◉ **MMS** or **SMS** ◉ / ⬚

7 Enter a message

For details on creating a message, see "Creating a new MMS" on page 43 or "Creating a text message" on page 51.
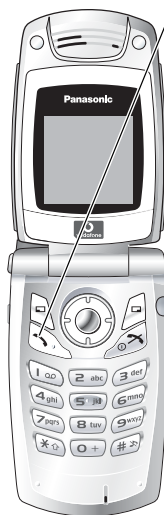
Saving a phone number from Call log into the Contacts list

1 ⌕

2 ◄◉► **Dialled numbers**, **Answered calls** or **Missed calls**

3 ⬍ required phone number ⬤

4 ◰

5 ⬍ **Add to contacts** ⬤ / ◰

6 ⬍ **Phone** or **SIM** ⬤ / ◰

7 ⬍ required icon ⬤

8 Enter as appropriate ⬤

   (If required, repeat steps 7 and 8)

9 ◰

Options in Call log

In each Call log list, the following options are available by pressing ◰.
⬍ required option ⬤ / ◰

Option	Explanation
Call	Call selected number
Send message	Send MMS/SMS message to selected number
Add to contacts	Store number to Contacts
Delete	Delete selected log
Delete all	Delete all logs in the list (This option is available in the Call log list.)

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Explore the Menus

Fun & Games
  Games & more
  Download more
  Settings

⇕

Messages
  Create new
  Inbox
  Archive
  Live! Studio
  Vodafone Mail
  Vodafone Messenger
  Cell Broadcast
  Settings
  Memory status

⇕

Calendar

⬌

Vodafone live!
  Vodafone live!
  Games
  Ringtones
  Pictures
  Search
  Find & Seek
  News
  Sport
  Travel
  Finance

⇕

Camera

⇕

Contacts
  Contacts list
  Add contact
  Call log
  Speed Dial list
  View groups
  Advanced
  (Service numbers)

⬌

Applications
  (SIM Tool Kit)
  Alarm
  Sound recorder
  Calculator
  Infrared

⇕

My Stuff
  Pictures
  Sounds
  Shortcuts
  Text templates
  Memory status

⇕

Settings
  Profiles
  Sound
  Vibration alert
  Display
  Language
  Data connections
  GSM network
  Calls
  Security
  Time and date
  Any key answer
  Keyguard

SIM Tool Kit and Service numbers are SIM dependent (▢).

Settings

Profiles			Normal Quiet Meeting Outdoor Car
Sound		Incoming tone Incoming volume Message tone Message volume Key tone Key volume Warning tone	
Vibration alert	On Off		
Display			Wallpaper Colour theme Brightness Backlight time Key backlight
Language		Display language Input language	
Data connections			
GSM network		New search Select network Search mode	
Calls			Call diverts Call waiting Send my number Call duration (Service charge)
Security		PIN entry Change PIN2 Fixed dial Call barring	
Time and date	Time Date		
Any key answer	On Off		
Keyguard			

Service charge is SIM dependent ( ).

Settings

⇩

Profiles

Profile setting

You can switch between five profiles in your phone, each with a distinct combination of ring tone, ring volume, etc.

Profiles are set up for use in different environments – for instance you might want to create a Quiet profile, a Meeting profile with a ring tone appropriate for formal occasions and an Outdoor profile for noisy environments.

Within each profile, distinct melodies can be set as incoming call and message alerts.

Activating a profile

From **Profiles** menu

1 ⟨⟩ required profile ▣
2 ⟨⟩ **Activate** ● / ▣

    or

1 ⟨⟩ required profile ●

Editing profile

Incoming tone

From **Profiles** menu

1 ⟨⟩ required profile ▣
2 ⟨⟩ **Edit** ● / ▣
3 ⟨⟩ **Incoming tone** ● / ▣
4 ⟨⟩ **Preinstalled**, **My Stuff** or **Download more** ● / ▣
5 ⟨⟩ required data ● / ▣

Incoming volume

From **Profiles** menu

1 ⟨⟩ required profile ▣
2 ⟨⟩ **Edit** ● / ▣
3 ⟨⟩ **Incoming volume** ● / ▣
4 ⟨⟩ / ⟨⟩ adjust the volume level (0 - 4) ● / ▣

Message tone

From **Profiles** menu

1 ⟨⟩ required profile ▣
2 ⟨⟩ **Edit** ● / ▣
3 ⟨⟩ **Message tone** ● / ▣
4 ⟨⟩ **Preinstalled**, **My Stuff** or **Download more** ● / ▣
5 ⟨⟩ required data ● / ▣

Settings

Profiles

Message volume

From **Profiles** menu

1 ⟨◉⟩ required profile ⌨
2 ⟨◉⟩ **Edit** ⟨●⟩ / ⌨
3 ⟨◉⟩ **Message volume** ⟨●⟩ / ⌨
4 ⟨◉⟩ / ◁◉▷ adjust the volume level (0 - 4) ⟨●⟩ / ⌨

Key tone

From **Profiles** menu

1 ⟨◉⟩ required profile ⌨
2 ⟨◉⟩ **Edit** ⟨●⟩ / ⌨
3 ⟨◉⟩ **Key tone** ⟨●⟩ / ⌨
4 ⟨◉⟩ required tone type ⟨●⟩ / ⌨

Key volume

From **Profiles** menu

1 ⟨◉⟩ required profile ⌨
2 ⟨◉⟩ **Edit** ⟨●⟩ / ⌨
3 ⟨◉⟩ **Key volume** ⟨●⟩ / ⌨
4 ⟨◉⟩ / ◁◉▷ adjust the volume level (0 - 4) ⟨●⟩ / ⌨

Warning tone

From **Profiles** menu

1 ⟨◉⟩ required profile ⌨
2 ⟨◉⟩ **Edit** ⟨●⟩ / ⌨
3 ⟨◉⟩ **Warning tone** ⟨●⟩ / ⌨
4 ⟨◉⟩ **On** or **Off** ⟨●⟩ / ⌨

Vibration alert

From **Profiles** menu

1 ⟨◉⟩ required profile ⌨
2 ⟨◉⟩ **Edit** ⟨●⟩ / ⌨
3 ⟨◉⟩ **Vibration alert** ⟨●⟩ / ⌨
4 ⟨◉⟩ **On** or **Off** ⟨●⟩ / ⌨

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Settings

⇩

Sound

Tone setting

You can set ring tone, ring volume, etc.
The ring tone can be changed to one of the tones from **Preinstalled**, **My Stuff** or **Download more**. Incoming tone and Message tone can have different ring tones and volume assigned.
Ring volume increases in steps to the level you selected. Keep in mind that the speaker located next to the receiver may sound too loud when the phone is held to your ear.

Changing Incoming tone

From **Sound** menu

1 (◉) **Incoming tone** (●) / ⌨
2 (◉) **Preinstalled**, **My Stuff** or **Download more** (●) / ⌨
3 (◉) required data (●) / ⌨

Setting Incoming volume

From **Sound** menu

1 (◉) **Incoming volume** (●) / ⌨
2 (◉) / (◉) adjust the volume level (0 - 4) (●) / ⌨

Changing Message tone

From **Sound** menu

1 (◉) **Message tone** (●) / ⌨
2 (◉) **Preinstalled**, **My Stuff** or **Download more** (●) / ⌨
3 (◉) required data (●) / ⌨

Setting Message volume

From **Sound** menu

1 (◉) **Message volume** (●) / ⌨
2 (◉) / (◉) adjust the volume level (0 - 4) (●) / ⌨

Setting Key tone

From **Sound** menu

1 (◉) **Key tone** (●) / ⌨
2 (◉) required tone (●) / ⌨

Settings

Sound

Setting Key volume

From **Sound** menu

1 ⓞ **Key volume** ⏺ / ⌨
2 ⓞ / ⬅⬤➡ adjust the volume level (0 - 4) ⏺ / ⌨

Key volume

Volume3

Select ○ Cancel

Setting Warning tone

From **Sound** menu

1 ⓞ **Warning tone** ⏺ / ⌨
2 ⓞ **On** or **Off** ⏺ / ⌨

Warning tone
○ On
○ Off

Select ○ Cancel

Vibration alert

Vibration alert setting

Vibration alert can be set to indicate an incoming call and a received message.

From **Vibration alert** menu

ⓞ **On** or **Off** ⏺ / ⌨

Vibration alert
○ On
○ Off

Select ○ Cancel

Settings

Display

Display colour, Brightness, Wallpaper, Backlight time and Key backlight can be changed.

Display setting

Setting Wallpaper

From **Display** menu

1 Wallpaper ⦿ / ▢
2 **Preinstalled, My Stuff** or **Download more** ⦿ / ▢
3 required data
4 To view and save, press ⦿ then ⦿ / ▢ to save

or

To save without viewing, press ▢
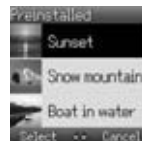
Setting Display Colour theme

From **Display** menu

1 **Colour theme** ⦿ / ▢
2 required colour ⦿ / ▢

Setting Display Brightness

From **Display** menu

1 **Brightness** ⦿ / ▢
2 adjust the brightness level (1 - 5) ⦿ / ▢

Setting Backlight time

From **Display** menu

1 **Backlight time** ⦿ / ▢
2 required time ⦿ / ▢

The backlight goes out, then display is turned off in 1 minute.
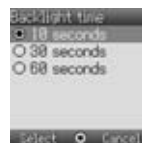
Setting Key backlight

From **Display** menu

1 **Key backlight** ⦿ / ▢
2 **On** or **Off** ⦿ / ▢

Settings

Language

Language setting

You can change the language used for display messages and/or text entry.

From **Language** menu

1 (⚫) **Display language** or **Input language** (●) / 🖉

2 (⚫) required language (●) / 🖉

Data connections

Data connections setting

GPRS settings and CSD settings are stored in the Data connections menu.
Data can be sent/received using GPRS or CSD technology.

GSM network

Network setting

Changing to a new network

The New search function is used to manually select a network that is available in your current location.

From **GSM network** menu

1 (⚫) **New search** (●) / 🖉

2 (⚫) required network (●) / 🖉

Select network

View available networks.

From **GSM network** menu

1 (⚫) **Select network** (●) / 🖉

2 (⚫) required network 🖉

3 (⚫) required option (see page 30) (●) / 🖉

National regulations may not permit roaming in your home region.

NOTE MCC (Mobile Country Code) / MNC (Mobile Network Code) will appear on the display.

Settings

⇩

GSM
network

National regulations may not permit roaming in your home region.

When the Search mode is set to Automatic the phone will automatically reselect a new network in order to maintain optimum network availability. The network list is used when the Search mode is set to Automatic. The location numbers in the preferred network list show the search priority.

You can amend the list as follows:

Option	Explanation
Add	Store a new network at the end of the list
Insert	Store a new network in the currently displayed location and move other networks down
Edit	Overwrite the old network with a new one
Delete	Delete the network you have selected

Search mode

You can set your phone to automatically or manually search for the other networks when roaming.

From **GSM network** menu

1 🔘 **Search mode** ⚫ / ▱

2 🔘 **Automatic** or **Manual** ⚫ / ▱

When the Search mode is set to Manual the phone will only use a selected network.
If coverage is lost another network should be manually selected.

Settings

Calls

Call settings

Call diverts

Voice, fax, and data calls can be diverted to different numbers in different situations. For example, you may want to divert voice calls to voice mail when the phone is switched off.

To register a number to divert at first time:

From **Calls** menu

1 ⚲ **Call diverts** ⦿ / ⎘

2 ⚲ **Divert voice**, **Divert fax** or **Divert data** ⦿ / ⎘

3 ⚲ the circumstances to initiate the divert ⎘ (Options)

4 ⚲ **On** ⦿ / ⎘

5 ⚲ **Direct input** or **From contacts** ⦿ / ⎘

6 When you select **Direct input**, enter phone number to divert ⦿

   (If you select ⎘ after entering phone number, ⚲ **Ok** ⦿ / ⎘)

   or

   When you select **From contacts**, ⚲ required contact from the Contacts list ⎘

Request of Call diverts will be sent to network.
Entered phone number will be registered in the network. From next time, incoming calls will be diverted to the registered number.

- To cancel the registered phone number, ⚲ **Off** on step 4.
- To cancel all the registered phone number, ⚲ **Cancel all** on step 2.
- To confirm the status of Call diverts, ⚲ **Status** on step 4.
- To confirm all the status of Call diverts, ⚲ **Status all** on step 2.

Settings

Calls

To change the registered number to divert:

From **Calls** menu

1 🔘 **Call diverts** ⦿ / 🖉

2 🔘 **Divert voice**, **Divert fax** or **Divert data** ⦿ / 🖉

3 🔘 the circumstances to initiate the divert 🖉 (Options)

4 🔘 **On** ⦿ / 🖉

5 🔘 **Direct input** or **From contacts** ⦿ / 🖉

6 When you select **Direct input**, enter phone number to divert ⦿

(If you select 🖉 after entering phone number, 🔘 **Ok** ⦿ / 🖉)

or

When you select **From contacts**, 🔘 required contact from the Contacts list 🖉

Request of Call diverts will be sent to network.

> **NOTE**   When a divert situation is enabled the divert icon (➦) is displayed.

Call diverts settings

Settings	Explanation
All calls	Divert all incoming calls
When busy	Divert incoming calls when a call is in progress
When no reply	Divert incoming calls if call is not answered (This setting is available only when **Divert voice** is selected.)
When unreachable	Divert incoming calls when phone is disconnected

This function is network dependent (👁).

Call waiting

If Call waiting is switched on a second call can be received.

From **Calls** menu

1 🔘 **Call waiting** ⦿ / 🖉

2 The current status, "**Call waiting deactivated**" or "**Call waiting activated**", is displayed

To accept the current status, ⦿

(If you select 🖉, 🔘 **Ok** ⦿ / 🖉)

or

To change the setting, 🖉 **Activate** or **Deactivate** ⦿ / 🖉
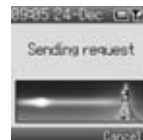
This function is network dependent (👁).

Settings

Calls

Send my number

You can set whether or not to show your phone number to another phone (Caller ID).

From **Calls** menu

1 ⓞ **Send my number** ● / ▭

2 ⓞ **Network set**, **On** or **Off** ● / ▭

Call duration

Displays the duration of incoming or outgoing calls.

From **Calls** menu

1 ⓞ **Call duration** ● / ▭

2 ⓞ **Incoming** or **Outgoing** ● / ▭

To reset counter, ● x 2 / ▭ x 2

Service charge

You can check the charges for your calls.

From **Calls** menu

ⓞ **Service charge** ● / ▭

The following can be set.

ⓞ required option ● / ▭

Option	Explanation
Cost left	Show how much cost is left
Call meter	Show the total costs of calls made
Price/unit	Show the cost that the service provider charges for one unit of call time
Max cost	Set the maximum cost of calls made

NOTE The duration of one unit may vary during day, peak and off-peak times. Call charges can be calculated accordingly. However, the call charge information may not give an accurate reflection of the actual tariffs charged by Vodafone.

This function is SIM (▭) and network (🖧) dependent.

Settings

Security

If PIN is entered incorrectly 3 times the phone will be locked, and you will need to enter the PUK code. If PIN2 is entered incorrectly 3 times SIM will be locked, and you will need to enter PUK2 code. If the PUK code is entered incorrectly 10 times, the phone will cease to operate permanently.

All information stored in the SIM will be lost and the SIM will need to be replaced. Contact Vodafone for more information.

Security settings

The PIN protects your SIM against unauthorised use. If you enable the PIN, every time the phone is switched on, you will be prompted to enter the PIN code.
The PIN2 controls security for the Fixed dial store.

PIN entry (Enabling/Disabling PIN entry)

From **Security** menu

1 PIN entry ● / ⮐
2 Enable/disable ● / ⮐
3 Enable or Disable ● / ⮐
4 Enter the PIN code (4 - 8 digits) ● / ⮐

Change PIN

From **Security** menu

1 PIN entry ● / ⮐
2 Change PIN ● / ⮐
3 Enter the current code ● / ⮐
4 Enter the new code ● / ⮐
5 To verify the new code ● / ⮐

You can change the PIN when PIN entry is set to **Enable**.

Change PIN2

From **Security** menu

1 Change PIN2 ● / ⮐
2 Enter the current code ● / ⮐
3 Enter the new code ● / ⮐
4 To verify the new code ● / ⮐

This is SIM (▭), service provider and network ( ) dependent.

Settings

Security

Fixed dial

Fixed dial is a part of Contacts, but with added security.
When Fixed dial is enabled:

➣ Only numbers that are in the Fixed dial store may be dialled.

➣ Any manually dialled phone numbers must match a number already in the Fixed dial store.

If you store, edit or delete a phone number, you have to enter your PIN2 code.

From **Security** menu

1 (○) **Fixed dial** (●) / ▱

2 (○) **Enable** or **Disable** (●) / ▱

3 Enter the PIN2 code (4 - 8 digits) (●) / ▱

This is SIM (▢), service provider and network (Ａ) dependent.

Call barring

Call barring restricts certain outgoing and/or incoming calls using a password supplied by Vodafone. When updating/checking the status of Call barring, the phone must be registered on a network.
Varying call restrictions can be used for voice calls.

From **Security** menu

1 (○) **Call barring** (●) / ▱

2 (○) required setting from the table shown below ▱

   (When you select (●), enter password (4 digits) (●) / ▱)

3 (○) **On**, **Off** or **Status** (●) / ▱

4 When you select **On** or **Off**, enter password (4 digits) (●) / ▱

You can skip steps 3 and 4 if you enter your password in step 2.

Call barring settings

Settings	Explanation
Bar outgoing calls	Outgoing calls are barred
Bar foreign calls	International outgoing calls are barred
Bar foreign calls except Home	International outgoing calls except home are barred
Bar incoming calls	Incoming calls are barred
Bar incoming if abroad	Roaming is barred if abroad
Cancel all	Cancel all call bar settings
Status all	Call bar status is displayed
Password	Change call bar password

Settings

Time and date setting

From **Time and date** menu

1. $\overset{\diamond}{\Diamond}$ **Time** $\odot$ / $\boxdot$
2. $\boxed{0 +}$ - $\overset{wxyz}{9}$ to enter the time using 24 hour clock $\odot$ / $\boxdot$
3. $\overset{\diamond}{\Diamond}$ **Date** $\odot$ / $\boxdot$
4. $\boxed{0 +}$ - $\overset{wxyz}{9}$ to enter the date $\odot$ / $\boxdot$
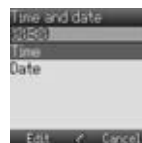
Some settings may be lost if the battery is removed or remains discharged for more than 1.5 hours.

Time and date

Time and date can be shown on the top of the display when in Idle mode.

Any key answer

Any key answer setting

Calls can be answered by pressing any key except $\mathrel{\diagup}$ / $\bigcirc$ / $\odot$ / $\mathrel{\diagup}$.
When any key answer is set to off, calls can only be answered by pressing $\diagdown$ or $\boxdot$.

From **Any key answer** menu

$\overset{\diamond}{\Diamond}$ **On** or **Off** $\odot$ / $\boxdot$

Settings

Keyguard

Keyguard setting

Keyguard stops the keys from performing their normal function if accidentally pressed. When Keyguard is enabled, " ▦ " appears on the display. When a call is received, Keyguard is temporarily disabled and you can answer the call.

Setting Keyguard

From **Keyguard** menu

1 "Would you like to lock Keypad?" (●) / ▱

or

From Idle display

1 Press and hold (●)

2 "Would you like to lock Keypad?" (●) / ▱

> Emergency calls can still be made with the Keyguard enabled but there will be no indication that you are dialling a number.

Disabling Keyguard

When " ▦ " appears on the display

1 (●)

2 "Would you like to unlock?" (●) / ▱

Camera

You can take pictures with the built-in camera, send them in an MMS (multimedia message) or MMS postcard or by infrared and use them as Wallpaper.

You can also attach a picture to a contact in your Contacts list.

Taking a picture

The camera range is 35 cm - ∞ .
The minimum illumination required is 5 lux.

From **Camera** menu

● or ⬭ to capture the image

To store the image in My Stuff: (After capturing the image)

✎

or

⬭ (Available only when the phone is open)

The picture will be saved in **My Stuff / Pictures / Stored pictures**.

To return to camera operation without storing the image:
(After capturing the image)
✎

> **NOTE** If you press ● after capturing image, the picture can be attached to MMS message or MMS postcard. See "Sending a message" on page 45 or "Creating a MMS postcard" on page 49.

Adjusting the brightness level

While view finder is active, you can adjust the brightness.

◉ to increase the brightness

◉ to decrease the brightness

Picture brightness indicators:
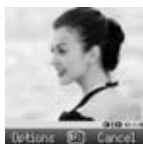
◘+2	Brighter
◘+1	↕
◘±0	Normal
◘-1	↕
◘-2	Darker

Options in view finder

The following options are available by pressing ✎.

◉ required option ● / ✎

Option	Explanation
Twilight mode	Improve picture taken in low light conditions (On, Off)
Anti flicker	Reduce flickering in view finder (mode 1: 50 Hz, mode 2: 60 Hz)
Image size	Change image size (640 x 480 pixels, 352 x 288 pixels, 160 x 120 pixels)
Send as	Select MMS or Postcard to be attached to

Camera

Saving and using pictures

Once a picture has been taken it will be saved in My Stuff. To use a saved picture as your personal wallpaper or for Contacts, see "Setting Wallpaper" on page 28 and "Storing a number in your phone" on page 60.

> **NOTE** When My Stuff is full, pictures can be saved if you make space by deleting files (pictures, sounds and text templates). Press ⌧ to delete unwanted files.

Incoming calls during camera operation

If an incoming call etc, is received during camera operation, the phone will exit the camera mode and switch to the incoming call etc.

The captured image will not be saved.

Self-portrait

You can take your self-portrait. Look at yourself in Self-Portrait Mirror and press ⦿ or ⬭ to take a picture.
You can also activate the camera mode and take a picture by pressing ⬭ with your phone closed.

Viewing pictures

Pictures taken by the camera are created as JPEG image files. JPEG is standardised image compression format. JPEG image files can be viewed with most general image viewers and editors as well as with an Internet browser.

> **NOTE** Do not leave the phone with the camera facing direct sunlight to avoid impairing camera performance.
>
> If the camera is left in the preview mode or a captured picture is displayed the phone will automatically return to Idle mode or the main menu in 3 minutes. If left in preview mode, but with the options menu displayed, the phone will remain in this state and will not return to Idle mode.

Text Entry (Edit)

You can use alphanumeric characters to enter details into Contacts, to create text, email messages, etc.

Key	Text mode		
	T9® (T9 ↑, T9 ↕ or T9) (Input language: English)	**Multi-tap** (Input mode indicator: Abc, ABC or abc)	**Numeric** (Input mode indicator: 0-9)
0 +	Alternatives	. @ / – _+ 0	0/ (Hold)+
1 ∞	. , - ? ! ' @ : ; / 1 * / (Hold) Character list	.,?1!"-:; @ / * ( ) # + _ = [ ] { } ' ¡ ¿ & % \ ^ ~ | < > € ¢ £ $ ¥ ¤ § Space ↵ / (Hold) Character list	1
2 abc	A B C 2 (a b c 2)	A B C 2 Γ Á Ä Å Æ Ç (a b c 2 α β γ á ä å æ à)	2
3 def	D E F 3 (d e f 3)	D E F 3 Δ É (d e f 3 δ ε ζ é è)	3
4 ghi	G H I 4 (g h i 4)	G H I 4 Θ Í (g h i 4 η θ ι ì í)	4
5 jkl	J K L 5 (j k l 5)	J K L 5 Λ (j k l 5 κ λ μ)	5
6 mno	M N O 6 (m n o 6)	M N O 6 Ξ Ñ Ó Ő Ö Ø (m n o 6 ν ξ ó ő ñ ö ø ò)	6
7 pqrs	P Q R S 7 (p q r s 7)	P Q R S 7 Π Σ (p q r s 7 π ρ ς σ ß)	7
8 tuv	T U V 8 (t u v 8)	T U V 8 Φ Ú Ű Ü (t u v 8 τ υ φ ú ű ü ù)	8
9 wxyz	W X Y Z 9 (w x y z 9)	W X Y Z 9 Ψ Ω (w x y z 9 χ ψ ω)	9
* ⇧	Shift / (Hold) Input mode	Shift / (Hold) Input mode	* / (Hold) Input mode
# ⁂	Space / (Hold) Line feed	Space * # / (Hold) Line feed	# / (Hold) Line feed
⌫	Delete text / (Hold) Delete all characters		

Displayed characters in the T9® mode vary depending on the selected input language.

Shift mode

Shift mode change

The Shift mode changes by pressing (within 1 sec) * ⇧ .

Multi-tap	Tegic
Abc -> ABC -> abc	T9 ↑ -> T9 ↕ -> T9

If Input mode is changed, Shift mode is initialised.

Auto capital change

Auto capital affects Abc and T9 ↑.
If Input mode is changed to Abc or T9 ↑, the first character is input as upper case and subsequent letters as lower case. (Input mode indicator changes to abc or T9.)
If these characters [. (Period) or ! or ?] are input, the next character is input as upper case.
(Input mode indicator changes to Abc or T9 ↑.)

Input mode

Input mode change

Input mode changes by pressing and holding (over 1 sec) $\boxed{\text{\footnotesize *}}$.

Input mode
Multi-tap -> Numerals -> T9 (Selected tegic language) (Abc -> 0-9 -> T9↑)

The phone keeps the selected input mode.

Text input

T9®

Using this mode of text input dramatically reduces the number of key presses required:
Press a key once for any letter you require on that key. The desired letter may not be displayed. Continue pressing other keys until the end of a word is reached, then check that the word has been typed correctly before continuing on to the next word. If the combination of letters typed has produced a word which is not the one you require, press $\boxed{\text{0+}}$, $\boxed{\circ}$ or $\boxed{\circ}$ repeatedly until the correct word is displayed. Continue to the next word.

Example of text input in T9 mode

To type a new message, follow these steps:

1 At the beginning of a new message press and hold $\boxed{\text{c}}$ (Clear) to delete previous text, if necessary.

2 Press $\boxed{\text{*}}$ (Shift) to change letter case, if necessary.

3 Press $\boxed{\text{2 abc}}\boxed{\text{2 abc}}\boxed{\text{5 jkl}}\boxed{\text{5 jkl}}$.

   "Call" is displayed.

Note that the displayed words change as you type, always type to the end of the word before editing.

T9® languages can be selected from T9 Input, in options $\boxed{\text{c}}$ → $\boxed{\circ}$ **Input language** $\boxed{\bullet}$ / $\boxed{\text{c}}$

If the word you require is not in the internal dictionary, it should be entered using the Multi-tap (Abc) mode.

T9 user's dictionary

Words that you entered are all saved in the user's dictionary so that they are suggested next time.

Other text modes

Select text mode (displayed in top right corner on screen)

Multi-tap mode (Abc, ABC or abc):

Each time a key is pressed in quick succession, the next character available on that key is displayed. Releasing the key or pressing another key enters the character displayed. The cursor moves to the next position.
In T9 (T9↑) or Multi-tap (Abc) mode, the first entered letter in a sentence is in upper case.

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Messages

Menu Item	Submenu
Create new	MMS MMS postcard SMS
Inbox	MMS SMS
Archive	MMS SMS
Live! Studio	
Vodafone Mail	Call vodafone mail See Vodafone Mail Set mailbox number
Vodafone Messenger	
Cell Broadcast	On/Off Read messages Options
Settings	MMS MMS postcard SMS
Memory status	MMS SMS
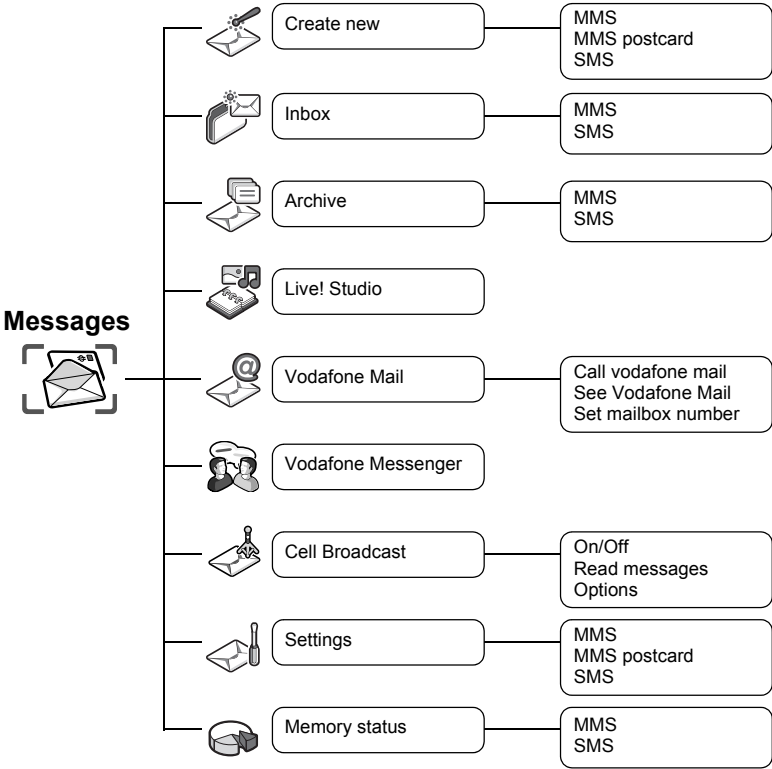
Messages

Create new

This phone has various messaging features including SMS and MMS.

MMS (Multimedia Messaging Service)

Your phone is designed to be compatible with certain Multimedia Messaging Services (MMS). You can send pictures and music with text messages. The recipient can play it as a slide show.

MMS messages can be sent to another mobile phone with MMS capability or to an email address.

When you receive an MMS message, a notice will inform you that you have received a message. (See page 46.)

An MMS profile may already have been set when you purchased your phone. To change the settings, see page 48. You can directly access Messages from Idle mode with the Left Soft key (⌐).

Creating a new MMS

From **Create new** menu

1   ⌾ **MMS** ● / ⌐

When creating a message, the following menu is available.

Menu item	Explanation
Add picture	Select a picture stored in **Stored pictures** / **Download more** / **Take new picture** and insert it into the MMS message
Add text	Create text and add to MMS message
Add sound	Select sound stored in **Stored sounds** / **Download more** / **Record new sound** and add to MMS message

2 After selecting a picture or sound or entering text, press ⌐ for the following options

⌾ required option ● / ⌐

Option	Explanation
Edit text	Edit the text when selecting added text
Listen	Listen to the sound when selecting added sound
Send	Send MMS after entering the subject and recipient number or address
Remove picture/text/sound	Remove from the MMS
Preview slide	Preview MMS as a slide

Messages

Create new

Creating a slide

In order to send an MMS with more than one picture, text or sound, you need to add new slides to the MMS.

From **Create new** menu

1 (○) **MMS** (●) / ▭
2 (○) **Add picture**, **Add text** or **Add sound** (●) / ▭, then select a picture or sound, or enter a text
3 (○) **Slides** (●)

Slide option

While Slides is highlighted, the following options are available by pressing ▭.
(○) required option (●) / ▭

Option	Explanation
Add new	Add slide
Send	Send MMS after entering the subject and recipient number or address
Slide duration	Specifies duration of slide
Remove slide	Remove slide from the MMS
Preview slide	Preview MMS as a slide

Messages

⇩

Create new

Sending a message

When a message is completed, press ⬛

1 (○) **Send** (●) / ⬛

2 (○) **Add subject** (●)

3 Enter subject (●)

4 (○) **Add recipient** (●)

5 (○) **From contact list**, **Enter number** or **Enter address** (●) / ⬛

6 When you select **From contact list**, (○) required contact ⬛
   or
   When you select **Enter number**, enter number (●) / ⬛
   or
   When you select **Enter address**, enter address (●)

7 (○) **Send** (●)

Before sending a message, the following options are available by pressing ⬛.
(○) required option (●) / ⬛

Option	Explanation
Add subject / Add recipient	Add subject to MMS message / Add recipient to MMS message
Edit	Edit the subject or the recipient
Remove address	Remove address
Edit slide	Transit to "Slide" screen where you can edit slide
Send	Send MMS
Preview MMS	Preview MMS message
Save	Save MMS message to Drafts box
Create options	Set send options

Creating options

Before sending a message, you can set send options.

When a message is completed, press ⬛

1 (○) **Send** (●) / ⬛

2 ⬛ for the options

3 (○) **Create options** (●) / ⬛

4 (○) required option (●) / ⬛

Option	Explanation
Request read	Ask if the other party read the message
Request delivery	Check if your message has been delivered to the other party
Validity period	Duration for which your message is stored at the message centre. Delivery attempts will be repeated until the message has been delivered or Validity period expires.
Priority	Set the priority to normal, low or high
Delivery time	Specifies delivery time of a message to be sent

Messages

Inbox

Receiving messages

When you receive an MMS message, the message icon (⊠) is displayed along with a tone, illumination, and/or vibration.

From **Inbox** menu

1 ◉ **MMS** ● / ▱

2 ◉ required notification ●

The following options are available by pressing ▱.
◉ required option ● / ▱

Option	Explanation
Receive	Receive new message
Reject	Delete message from the server and delete notification
Call	Call sender's number
Delete all	Delete all MMS messages in Inbox
Properties	Show message details (such as message size and date)

Reading a received message

From **Inbox** menu

1 ◉ **MMS** ● / ▱

2 ◉ required message ●

When viewing the list, the following options are available by pressing ▱.
◉ required option ● / ▱

Option	Explanation
Reply	Create reply message
Reply to all	Create reply message to the sender and all recipients of the message
Forward	Forward MMS message
To Live! Studio	Move MMS message to Live! Studio
Call	Make a call to the sender
Contact	Store sender's phone number or email address in Contacts
Delete	Delete MMS message
Delete all	Delete all MMS messages in Inbox
Properties	Display message properties

Messages

Archive

Viewing message lists

The following messages are stored in Archive.

➤ Outbox: When a message has been sent it is stored in the Outbox.

➤ Unsent: Undelivered messages are stored in Unsent.

➤ Drafts: Use to create a message draft.

> MMS Drafts: Messages that are saved in the MMS mode are saved in Drafts. If the transmission of an MMS message fails, the message is stored in Unsent together with other saved messages.

From **Archive** menu

1 🎧 **MMS** ⦿ / ✍

2 🎧 required list ⦿ / ✍

In each list, the following options are available by pressing ✍.

🎧 required option ⦿ / ✍

Outbox

Option	Explanation
Edit	Edit MMS messages
Forward	Forward MMS messages
Move to Album	Move MMS messages to Media Album
Delete	Delete MMS messages
Delete all	Delete all MMS messages in Outbox
Properties	Display message properties

Unsent, **Drafts**

Option	Explanation
Edit	Edit MMS messages
Send	Send MMS messages
Move to Album	Move MMS messages to Media Album
Delete	Delete MMS messages
Delete all	Delete all MMS messages in Unsent or Drafts
Properties	Display message properties

Messages

Setting the MMS message server / profile

MMS message server and profile setting must be done before you can send or receive an MMS message. Please check with your operator if additional settings are required. You can select one of five server URLs on the phone.

From **Settings** menu (Message server)

1 ⓞ **MMS** ⦿ / ⌐
2 ⓞ **Advanced** ⦿ / ⌐
3 ⓞ **Message server** ⦿ / ⌐
4 ⓞ required message server ⦿
5 Enter URL ⦿ if you need

From **Settings** menu (Profile)

1 ⓞ **MMS** ⦿ / ⌐
2 ⓞ **Advanced** ⦿ / ⌐
3 ⓞ **Profile** ⦿ / ⌐
4 ⓞ select profile ⦿ / ⌐

> **NOTE** Before selecting MMS message server, you may have to set the profile if it is empty. To set server profile, see page 72, Vodafone live! - Options - Settings - WAP profiles.
>
> Modifying previously entered settings can cause failure of the server setting.

Setting options

The following settings are available.

From **Settings** menu
ⓞ **MMS** ⦿ / ⌐

Option	Explanation
Reports	Set **Request read** (ask if the other party read the message) / **Send read** (inform the other party that you have read the message when asked) /**Request delivery** (ask if the other party received the message) /**Send delivery** (inform the other party that you have received the message when asked)
Priority	Set the priority to **Low**, **Normal** or **High**
Validity period	Duration that your message is stored at the message centre. Delivery attempts will be repeated until the message has been delivered or Validity period (**1day**, **7days** or **Maximum**) expires
Auto download	After receiving a message notification, the message will be sent to you automatically (**Always on**). Message set to be delivered automatically in home area (**On when home**). Message will be sent to you manually (**Never**).(This option is available only in Idle mode.)
Player mode	**Auto** mode enables MMS slides to be displayed according to their duration. **Manual** mode enables MMS slides to be displayed by pressing ◁⊙ / ⊙▷
Advanced	Set **Message server**, **Profile**, **Fetch on server** and **Anonymous reject**, and also view **Information** of MMS software

Messages

⇩

Create new
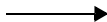
MMS postcard

MMS postcard is a service from Vodafone that lets you send an MMS as an actual postcard.
Simply take a picture using your built-in camera, add a message, and enter a name and address. Vodafone will have it printed on a postcard, and delivered by mail.

➣ This is only available in countries where the Vodafone MMS postcard service is active. More information for these services may be obtained from Vodafone.

Creating a MMS postcard

From **Create new** menu

1 ⓒ **MMS postcard** ⬤ / ▭

2 ⓒ **Add picture** or **Add text** ⬤ / ▭, then select a picture or enter a text

3 ▭

4 ⓒ **Send** ⬤ / ▭

5 Enter address by selecting each content or press ▭ for the following options

ⓒ required option ⬤ / ▭

Option	Explanation
Name	Enter the name
Additional Info	Enter the additional information
No./Street	Enter the No./Street
Postcode	Enter the Postcode
Country/City	Enter the Country/City
Country	Enter the Country
Edit	Edit the name or address
From contacts	Select the name from contact
Address list	Select the address from address list
Last address	Select the last address
Edit postcard	Edit the postcard
Save address	Save the address to address list
Send	Send the postcard

Sending a postcard

When you have created your postcard, press ▭

ⓒ **Send** ⬤

You can view a sent MMS postcard in the MMS Outbox.
Undelivered MMS postcards are stored in Unsent box. You can try again later.
(See "Viewing message lists" on page 47.)

Messages

⇩

Settings

Creating a new address list

From **Settings** menu

1. 🔘 **MMS postcard** ⦿ / ⬑
2. **Address list** ⦿ / ⬑
3. ⬑
4. 🔘 **Add new address** ⦿ / ⬑
5. 🔘 required content ⦿
6. Enter as appropriate ⦿

   (If required, repeat steps 5 and 6)

7. ⬑
8. 🔘 **Save** ⦿ / ⬑

Viewing address list

From **Settings** menu

1. 🔘 **MMS postcard** ⦿ / ⬑
2. **Address list** ⦿ / ⬑

When viewing names, the following options are available by pressing ⬑.
🔘 required option ⦿ / ⬑

Option	Explanation
Add new address	Add new address to address list
Edit	Edit the address
Delete	Delete the address
Delete all	Delete all addresses in address list

3. 🔘 required name ⦿

Messages

⇩

Create new

SMS (Short Message Service)

You can receive, display, edit and/or send text messages on Vodafone networks or any network that has a roaming agreement. (Dependent on the recipient's phone parameters.)
The message centre number should be preprogrammed on the Vodafone SIM, changing this number (see page 54) may cause failure of a text message.

Creating a text message

From **Create new** menu

1 (📷) **SMS** (●) / 🖃

2 Create text message – max. 459 characters, see "Text Entry" on page 40

When creating text, the following options are available by pressing 🖃.

(📷) required option (●) / 🖃

Option	Explanation
Send	Send text as SMS messages
Send to many	Send text to more than one recipient
Templates	Access to text templates in My Stuff
Save	Save message in Unsent
Copy	Copy text
Cut	Cut text
Paste	Paste text
Input language	Select input language
Exit	Return to Create new menu

Sending a message

When you have created your message, press 🖃

1 (📷) **Send** (●) / 🖃

2 Enter the destination phone number (●)

If you want to select from Contacts

1 (📷) **Send** (●) / 🖃

2 (●)

3 (📷) required contact 🖃

4 (●)

Before sending a message, the following options are available by pressing 🖃.
(📷) required option (●) / 🖃

Option	Explanation
Send	Send text as SMS messages
From contacts	Select the destination phone number from Contacts
Save	Save message in Unsent
Exit	Return to "Create SMS" screen

Messages

Inbox

Receiving messages

When you receive an SMS message, the message icon ( ) is displayed along with a tone, illumination, and/or vibration.

Reading a received message

From **Inbox** menu

1 SMS /

2 required message

When viewing messages, the following options are available by pressing .

 required option /

Option	Explanation
Reply	Create reply message to sender
Forward	Forward SMS message
Call	Call sender's number
Add to contacts	Store sender's number to Contacts
Use detail	Call or send messages to a phone number, email address or URL address in the message (This option is available only when viewing messages.)
Delete	Delete SMS message
Delete all	Delete all SMS messages (This option is available in the message list.)

By pressing , detail information of SMS will be shown.

Messages

Archive

Viewing message lists

These message lists are stored in Archive.

➤ Outbox: When a message has been sent, it is stored in the Outbox.

➤ Unsent: If the transmission of an SMS message fails, the message is stored in Unsent together with other saved messages. Messages that are edited and saved in the SMS mode are saved in Unsent.

➤ Draft: Use to create a message draft.

> SMS Draft: The last message you edit in the SMS mode is saved in the Draft.

From **Archive** menu

1 ⊙ **SMS** ● / ⤒

2 ⊙ required list ● / ⤒

In each list, the following options are available by pressing ⤒.

⊙ required option ● / ⤒

Outbox, Unsent

Option	Explanation
Send	Send text as SMS messages
Call	Call receiver's number messages
Use detail	Call or send messages to a phone number, email address or URL address in the message (This option is available only when viewing messages.)
Delete	Delete SMS message
Delete all	Delete all SMS messages (This option is available in the message list.)

Draft

Option	Explanation
Send	Send text as SMS messages
Send to many	Send text to more than one recipient
Templates	Access to text templates in My Stuff
Save	Save message in Unsent
Copy	Copy text
Cut	Cut text
Paste	Paste text
Input language	Select input language
Exit	Return to Archive menu

Messages

Settings

Setting the message centre number

The message centre number should be preprogrammed on the Vodafone SIM, changing this number may cause failure of a text message.

From **Settings** menu

1 (◉) **SMS** (●) / ⌨
2 (◉) **Message centre** (●) / ⌨
3 Enter message centre number in international dial format (see "International dialling" on page 15) (●)

When the message centre number has been pre-installed, please do not change the number.

Setting options

From **Settings** menu

1 (◉) **SMS** (●) / ⌨
2 (◉) required option (●) / ⌨

Option	Explanation
Message centre	Edit message centre number
Message type	Select required message type
Validity period	Select maximum or choose a time limit for sent messages
Delivery report	Request a delivery report on the status of a sent message
Store sent SMS	Store messages to Sent SMS

Live! Studio

Live! Studio

Live! Studio is a personal folder on Vodafone's server where you can store pictures etc. To upload your pictures etc. to your personal folder, see pages 82 - 83. Pictures can be shown to your friends.

➢ More information on this service may be obtained by contacting Vodafone.

Messages

Vodafone Mail

Vodafone Mail is an innovative service that lets you stay up-to-date with all of your messages.
You must subscribe to voice mail through Vodafone before you can retrieve voice mail or email messages.

➤ More information on **Vodafone Mail Messages** and **Internet mail** services may be obtained by contacting Vodafone.

Vodafone Mail

Listening to Vodafone Mail messages

From **Vodafone Mail** menu

🔘 **Call vodafone mail** ● / 🖂

Stored mailbox number is dialled and you can listen to voice messages.

Connecting to internet mail

From **Vodafone Mail** menu

🔘 **See Vodafone Mail** ● / 🖂

Your phone is connected to the Internet via a WAP connection to retrieve email messages.

Setting the Vodafone mailbox number

From **Vodafone Mail** menu

1 🔘 **Set mailbox number** ● / 🖂

2 Enter the Vodafone mailbox number (when necessary) ● / 🖂 x 2

Vodafone Messenger

Vodafone Messenger

Vodafone Messenger lets you enjoy the fun of instant messaging wherever you are. It's the fun way to chat on-line.

➤ More information on this service may be obtained by contacting Vodafone.

Viewing Vodafone Messenger

From **Vodafone Messenger** menu

🔘 Follow the screen contents

It allows you to read sent and received messages with another party on one screen.

Messages

Cell Broadcast

You can receive messages on specified topics, such as traffic and weather information.

Setting Cell Broadcast On/Off

From **Cell Broadcast** menu

1 🕹 **On**/**Off** ⦿ / 🗐
2 🕹 **On** or **Off** ⦿ / 🗐

Reading a received message

From **Cell Broadcast** menu

1 🕹 **Read messages** ⦿ / 🗐
2 🕹 required message ⦿

Options

You can add, edit and delete topics and languages.

From **Cell Broadcast** menu

1 🕹 **Options** ⦿ / 🗐
2 🕹 **Topic** or **Language** ⦿ / 🗐
3 🕹 required topic or language 🗐
4 🕹 **Add**, **Edit** or **Delete** ⦿ / 🗐

Memory status

Memory status

You can see MMS/SMS memory status.

Viewing MMS/SMS memory status

From **Memory status** menu

🕹 **MMS** or **SMS** ⦿ / 🗐

The current percentage of MMS saved in Phone are displayed.

or

The current percentage of SMS saved in SIM and in Phone are displayed.

Contacts list

Add contact — Phone
SIM

Call log — Dialled numbers
Answered calls
Missed calls

Contacts

Speed Dial list

View groups

Advanced — My numbers
Group settings
Memory status
Copy from SIM
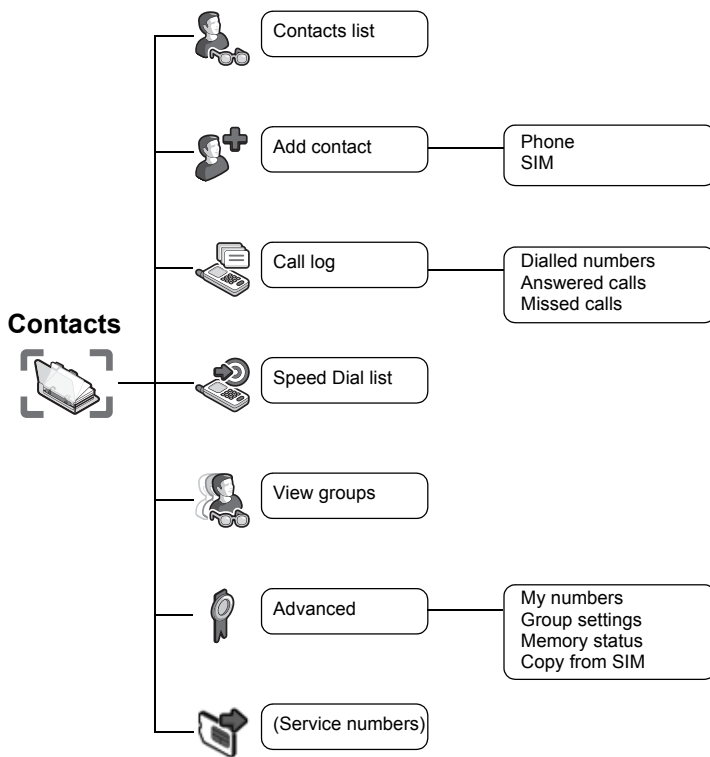
(Service numbers)

Service numbers is SIM dependent ( ).

Contacts

Contacts list

Browsing Contacts

You can search Contacts by name.
When browsing by name, pressing a letter key will take you to the first entry starting with that letter.

From **Contacts list** menu

(Ⓞ) required contact (●)

Options in Contacts

From **Contacts list** menu

1   (Ⓞ) required contact ⌐
2   (Ⓞ) required option (●) / ⌐

Option	Explanation
Call	Call contact
Send message	Send MMS/SMS to the selected contact from Contacts list
Edit	Edit contact
Add contact	Add contact to Contacts list
Copy to SIM/phone	Copy contact to SIM or Phone
Speed dial	Add to Speed Dial list
Delete	Delete contact
Search	Search contact by entering characters (max. 18 characters)
Send by infrared	Send contact to another device by infrared

Contacts

Phone numbers can be stored in your SIM or in your phone.

Add contact

Storing

Storing a number in SIM

In the SIM, you can store: name, phone number.

The length of name and number and the total amount of data are dependent on your SIM.

From **Add contact** menu

1 ⟨⟩ **SIM** ⟨●⟩ / ⟨⟩
2 ⟨⟩ name icon (⟨⟩) ⟨●⟩
3 Enter the name ⟨●⟩
4 ⟨⟩ mobile icon (⟨⟩) ⟨●⟩
5 Enter the phone number ⟨●⟩ / ⟨⟩
6 ⟨⟩

Options in SIM Contacts

When the name is being entered, the following options are available by pressing ⟨⟩.
⟨⟩ required option ⟨●⟩ / ⟨⟩

Option	Explanation
Copy	Copy letters into buffer
Cut	Cut and store letters into buffer
Paste	Paste letters from buffer
Input language	Select input language
Exit	Return to Add contact

Contacts

⇩
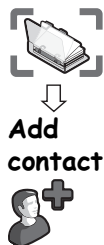
Add contact

Storing a number in your phone

In the phone, you can store: name, phone no. 1, phone no. 2, email address, picture and group.

From **Add contact** menu

1 ⊙ **Phone** ● / ▤
2 ⊙ name icon ( ) ●
3 Enter the name ●
4 ⊙ mobile icon ( ) ●
5 Enter the phone number ● / ▤
6 ⊙ telephone icon ( ) ●
7 Enter the phone number ● / ▤
8 ⊙ email icon ( ) ●
9 Enter email address ●
10 ⊙ picture icon ( ) ●
11 ⊕ required picture from My Stuff ( ) or preinstalled pictures ● / ▤
12 ⊙ group icon ( ) ●
13 ⊙ required group ● / ▤
14 ▤

> **NOTE** If a picture image for a contact is selected from My Stuff, the image will appear on the screen when the contact calls you. Preinstalled pictures are not applicable in this function.

Options in Phone Contacts

When the name and email address are being entered, the same options as SIM Contacts are available by pressing ▤. (See page 59.)

Contacts

Call log

Recently dialled phone numbers, answered calls and missed calls are stored in the Call log. The numbers in the Call log list can be used to call, send messages or add to Contacts. You can also delete the numbers from the list.

Viewing Call log

From **Call log** menu

1 Dialled numbers, **Answered calls** or **Missed calls**
2 required phone number ●

Dialling from Call log

From **Call log** menu

1 Dialled numbers, **Answered calls** or **Missed calls**
2 required phone number ●
3 ● / to call

Sending messages

From **Call log** menu

1 Dialled numbers, **Answered calls** or **Missed calls**
2 required phone number ●
3
4 **Send message** ● /
5 **MMS** or **SMS** ● /
6 Enter a message

For details on creating a message, see "Creating a new MMS" on page 43 or "Creating a text message" on page 51.

Saving a phone number from Call log into the Contacts list

From **Call log** menu

1 Dialled numbers, **Answered calls** or **Missed calls**
2 required phone number ●
3
4 **Add to contacts** ● /
5 **Phone** or **SIM** ● /
6 required icon ●
7 Enter as appropriate ●

(If required, repeat steps 6 and 7)

8

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Contacts

Call log

Options in Call log

In each Call log list, the following options are available by pressing ⊟.

⟐ required option ⦿ / ⊟

Option	Explanation
Call	Call selected number
Send message	Send MMS/SMS message to selected number
Add to contacts	Store number to Contacts
Delete	Delete selected log
Delete all	Delete all logs in the list (This option is available in the Call log list.)

Speed Dial list

Speed dial

Phone numbers from the Speed dial of Contacts can be dialled quickly.
In Idle mode, press and hold a number key (2 - 9).

Setting Speed dial

From **Speed Dial list** menu

1 ⟐ required list ⦿

2 Enter phone number ⦿ / ⊟

You can also select a phone number from Contacts by pressing ⊟ in step 1.

Viewing stored numbers

In Idle mode, press and hold a number key (2 - 9).

Making a call by using Speed dial

From Idle display

1 Press and hold a number key (2 - 9)

2 ⟐ required list ⊟ / ⟍

Contacts

View groups

Grouping Contacts entries

The ability to group Contacts entries together is an extra function of Phone Contacts. Groups are used to collect together types of Contacts entries, e.g. business and personal. Each group can be suitably titled for quick access to the entries contained within.

You can attach a particular sound to the groups to identify them. (See "Group settings" on page 65.)

Viewing groups

From **View groups** menu

required group /

The following options are available by pressing .

required option /

Option	Explanation
Call	Call contact
Send message	Send MMS/SMS to the selected contact
Edit	Edit contact
Add contact	Create contact in Phone Contacts or SIM Contacts
Copy to SIM	Copy contact to SIM
Speed dial	Add to Speed Dial list
Delete	Delete contact
Search	Search contact by entering characters (max. 18 characters)
Send by infrared	Send contact to another device by infrared

Contacts

My numbers

My numbers is a contact where you can store your own numbers.

Adding numbers

From **Advanced** menu

1 ⓞ **My numbers** ⦿ / ▱

2 ⓞ **Mobile profile** or **SIM profile** ⦿ / ▱

3 When My number is empty, press ⦿ / ▱ then go to step 5

   When My number is already stored in SIM profile, press ▱

4 ⓞ **Create** ⦿ / ▱

5 ⓞ name icon ( ) ⦿

6 Enter the name ⦿

7 ⓞ mobile icon ( ) ⦿

8 Enter the phone number ⦿ / ▱

9 ▱

> **NOTE** If you select **Mobile profile**, you can also select information such as additional number, email address and picture.

Viewing stored numbers

From **Advanced** menu

1 ⓞ **My numbers** ⦿ / ▱

2 ⓞ **Mobile profile** or **SIM profile** ⦿ / ▱

Options in My numbers

When viewing My numbers, the following options are available by pressing ▱.
ⓞ required option ⦿ / ▱

Mobile profile (View Display)

Option	Explanation
Edit	Transit to Edit profile
Delete	Delete profile
Send by infrared	Send profile by infrared

SIM profile (View Display and List Display)

Option	Explanation
Edit	Transit to Edit profile
Create	Transit to Create profile
Delete	Delete profile
Send by infrared	Send profile by infrared

Contacts

Advanced

Group settings

You can change the group name and attach a sound to the group.

Changing group names

From **Advanced** menu

1 $\textcircled{\updownarrow}$ **Group settings** $\textcircled{\bullet}$ / $\boxminus$
2 $\textcircled{\updownarrow}$ required group $\textcircled{\bullet}$
3 Press and hold $\boxminus$ to clear the current name
4 Enter new group name $\textcircled{\bullet}$

Attaching a sound to a group

From **Advanced** menu

1 $\textcircled{\updownarrow}$ **Group settings** $\textcircled{\bullet}$ / $\boxminus$
2 $\textcircled{\updownarrow}$ required group $\boxminus$
3 **Sound type** $\textcircled{\bullet}$ / $\boxminus$
4 $\textcircled{\updownarrow}$ **Preinstalled**, **My Stuff** or **Download more** $\textcircled{\bullet}$ / $\boxminus$
5 $\textcircled{\updownarrow}$ required sound type $\textcircled{\bullet}$ / $\boxminus$

Selecting **<Default>** in step 4, you can also select a default sound.

Memory status

Memory status shows how many locations are available in the Contacts.

From **Advanced** menu

$\textcircled{\updownarrow}$ **Memory status** $\textcircled{\bullet}$ / $\boxminus$

Copy from SIM

You can copy SIM Contacts to Phone Contacts.

From **Advanced** menu

$\textcircled{\updownarrow}$ **Copy from SIM** $\textcircled{\bullet}$ x 2 / $\boxminus$ x 2

Service numbers

Service numbers

When SIM containing SDN (Service Dialling Number) is inserted in your phone, you can call a service number by selecting from the list.
SDN enables you to access special services provided by your network operator, such as customer support, emergency services, etc.

Vodafone live!

- Vodafone live!
- Games
- Ringtones
- Pictures
- Search
- Find & Seek
- News
- Sport
- Travel
- Finance
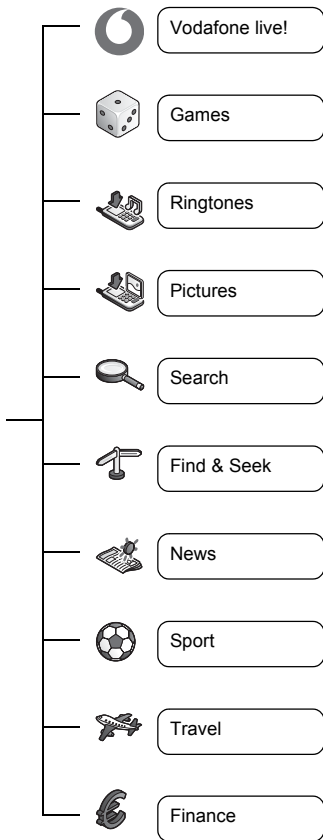
Vodafone live!

Vodafone live! is an online service which provides Internet connection and email, and is easily used through the display of the GSM phone (X400).

Viewing Vodafone live!

The following sites and services of interest are in Vodafone live!

➣ More information on these services may be obtained by contacting Vodafone.

You can directly access the Vodafone live! web site from Idle mode with the Right Soft key (⌐).

Display of Vodafone web site

Idle mode display

Vodafone live!

From **Vodafone live!** menu

(⌖) required list (●)

In each list, options are available by pressing ⌷. (See page 69.)

Contents of Vodafone live!

☀	New	✉	Messages
	Download	🎲	Games
	Chat		News
⚽	Sport		Erotic
	Getting & Around	⭕	My Vodafone
	Video & Audio		
🔍	Search		

Contents menu may differ from the actual web site menu.

Vodafone live!

Browser options

From **Vodafone live!** menu

1 ▭ (Options)

2 ◉ select from below options ◉ / ▭

Option	Explanation
Select	Select item
Bookmarks	Go to bookmark list
Enter address	Go to URL entry
Save image	The image in contents is saved in "My Stuff"
Set as bookmark	The displayed URL will be saved in Bookmarks
Service Inbox	Open Service Inbox
Reload page	Reload this page
Advanced	Go to homepage, clear the cache, view URL or view WAP information
Settings	Edit profiles/Push access or view security information
Exit browser	Terminate the browser

Go to page
Add bookmark
Edit
Delete

Home
Clear cache
View address
WAP information

WAP profiles
Push access
Security

Browser options (Bookmarks)

From **Vodafone live!** menu or contents

1 ▭ (Options)

2 ◉ **Bookmarks** ◉ / ▭

3 ◉ required bookmarks

4 ◉ to load the URL

   or

   ▭ to select options

From **Vodafone live!** menu
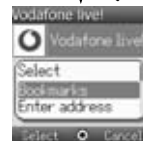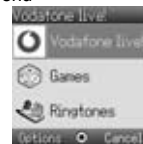
From contents

Options:
Go to page.................. Jump to the URL page
Add bookmark .... Add to bookmarks
Edit .... Edit bookmark
Delete .... Delete bookmark

Vodafone live!

Browser options (Enter address)

Your can jump to the required content by entering the URL.

From **Vodafone live!** menu or contents

1 🖃 (Options)
2 🔘 **Enter address** ● / 🖃
3 Enter URL ●

Browser options (Save image)

Displayed images can be saved in "My Stuff".

From contents

1 🖃 (Options)
2 🔘 **Save image** ● / 🖃
3 🔘 to see whole image
4 ● / 🖃 to save

Browser options (Set as bookmark)

Favourite URLs can be saved in bookmarks.

From contents

1 🖃 (Options)
2 🔘 **Set as bookmark** ● / 🖃
3 Enter title ● to save

Browser options (Service Inbox)

View WAP push message and go to URL.

From contents

1 🖃 (Options)
2 🔘 **Service Inbox** ● / 🖃
3 ● to load the URL

   or

   🖃 to select options

Options:
When text and URL are delivered from Vodafone, the following options are available.
Go to page .... Jump to the URL page
View message .... View message
Delete .... Delete message

When only URL is delivered from Vodafone, the following options are available.
Go to page .... Jump to the URL page
Delete .... Delete message

Vodafone live!

Browser options (Reload page)

Current page can be reloaded.

From contents

1 ✎ (Options)

2 ⟡ **Reload page** ⦿ / ✎ to reload this page

Browser options (Advanced)

From **Vodafone live!** menu or contents

1 ✎ (Options)

2 ⟡ **Advanced** ⦿ / ✎

Browser options (Advanced - Home)

Phone jumps to the set-up homepage.

From **Advanced** menu

1 ⟡ **Home**

2 ⦿ / ✎ to jump to homepage

Browser options (Advanced - Clear cache)

Cache is cleared.

From **Advanced** menu

1 ⟡ **Clear cache** ⦿ / ✎

2 ⦿ / ✎ to clear the cache

Browser options (Advanced - View address)

View URL of the contents.

From **Advanced** menu

⟡ **View address** ⦿ / ✎

Browser options (Advanced - WAP information)

View WAP information.

From **Advanced** menu

⟡ **WAP information** ⦿ / ✎

NOTE **View address** is available only from contents.

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Vodafone live!

Browser options (Settings)

From **Vodafone live!** menu or contents

1 🖳 (Options)

2 🔘 **Settings** ⦿ / 🖳

Browser options (Settings - WAP profiles)

Set up WAP browser.

From **Settings** menu

1 🔘 **WAP profiles** ⦿ / 🖳

2 🔘 required profile

3 ⦿ to activate

  or

  🖳 to select options

Browser options (Settings - Push access)

Set up Push access to receive WAP messages.

From **Settings** menu

1 🔘 **Push access** ⦿ / 🖳

2 🔘 **Service Indication**, **Service Loading** or **Other messages** ⦿ / 🖳

3 🔘 **On** or **Off** ⦿ / 🖳

Browser options (Settings - Security)

View security information.

From **Settings** menu

1 🔘 **Security** ⦿ / 🖳

2 🔘 **Certificates**, **Current certificate** or **Session info** ⦿ / 🖳

Fun & Games

Games & more

Download more

Settings
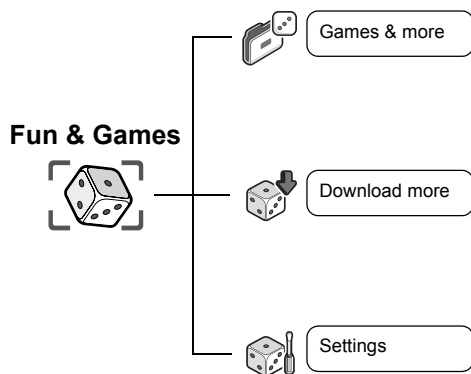
Fun & Games

Games & more

Start Java™ applications.

From **Games & more** menu

Java™ application you want to play ●

The following options are available by pressing.

required option ● /

Option	Explanation
Properties	Indicate application name, API, version, network, vendor, description and store size
Update	Update Java™ application
Delete	Delete Java™ application

Your phone supports J2ME™ Java™ applications. Other types of Java™ applications cannot be installed.

Download more

The downloaded Java™ applications will be stored in Games & more.

From **Download more** menu

1 required list ●

   Java™ application you want to download ●

2 For options

Settings

Java™ applications settings, such as volume and backlight etc, can be changed.

Settings	Explanation
Sound volume	Volume setting for Java™ applications
Backlight	ON/OFF setting of Backlight in Java™ applications
Vibration	ON/OFF setting of Vibration in Java™ applications
Online service	Settings for online Java™ application connections
Memory status	Display of Memory status
Reset	Deletion of downloaded Java™ file and reset records of preinstalled Java™ application
Information	Display of copyright information

If "Online service" is selected more options are displayed as follows.

Ask .... When a Java™ application with HTTP access is activated the phone must ask user's permission to access network.
Yes .... Always allow online connections.
No .... Never allow online connections.

(SIM Tool Kit)

Alarm

Applications

Sound recorder

Calculator

Infrared — On / Off
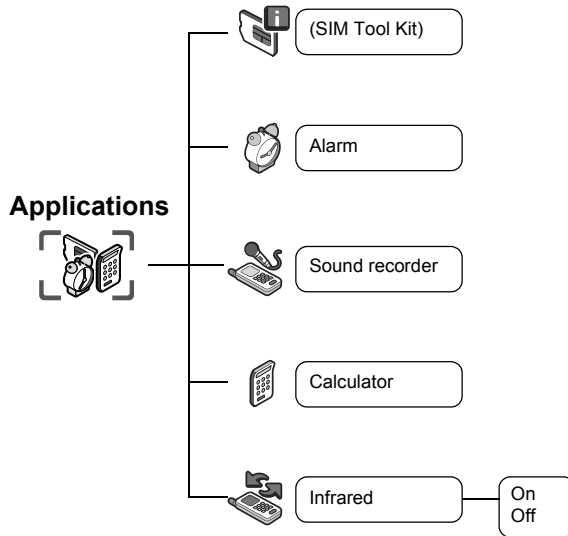
SIM Tool Kit is SIM dependent ( ). The menu name will be changed.

Applica-
tions

When the set time is reached, the alarm will sound and the display will light with an alarm message.

STK (SIM Tool Kit)

This function is SIM dependent (⬜). This menu name will be changed.

Alarm

Setting the alarm

From **Alarm** menu

1 ⬦ alarm icon (🔔) ●, ⬦ **On** ● / ▭

2 ⬦ clock icon (🕐) ●, enter the required time (24 hour clock) ● / ▭

3 ⬦ alarm repetition icon (🔁) ●, ⬦ **Once**, **Everyday**, **Weekdays** or **Weekend** ● / ▭

4 ⬦ sound set-up icon (🔔) ●, ⬦ **Preinstalled, My Stuff** or **Download more** ● / ▭, ⬦ required ring type ● / ▭ (When you select **My Stuff,** ▭ (🔊) to select required ring type.)

5 ⬦ volume icon (🔊) ●, ⬦ adjust the volume ● / ▭

6 ▭ to save the settings

When the alarm has been set, an alarm icon (🔔) will be displayed when the phone is in Idle mode.
The alarm is activated based on the current clock.

Muting the alarm

To stop the alarm:
1 Press any key or ▭

2 ● / ▭

To disable the alarm:
From **Alarm** menu
1 ⬦ alarm icon (🔔) ●
2 ⬦ **Off** ● / ▭
3 ▭ to save the setting

Adjusting the alarm time

From **Alarm** menu

1 ⬦ clock icon (🕐) ●
2 Enter the required time ● / ▭
3 ▭ to save the setting

If you want to change other settings, see "Setting the alarm".

Applications

Snooze Function

Snooze Function lets the alarm repeat 5 times if you do not press ● / ⬚ after stopping the alarm or press ⬚ to stop the alarm.

To stop Snooze Function:

Press ● / ⬚ when "Would you like to stop snooze?" appears in the display.

If you press ⬚ / ⬚, the alarm will repeat 5 more times at 5 minutes intervals until "End of alarm" is displayed.

Alarm

| NOTE | The alarm goes off at the time you set even if the phone is off. |

Sound recorder

You can record sounds or your voice in My Stuff. The recorded sound files can be attached to MMS messages.

Sound recorder

Recording new sound

From **Sound recorder** menu

1 ● / ⬚ to start recording

2 ● / ⬚ to stop recording (The max. recording time is 15 seconds)

3 ⬚

4 ⬚ **Save** ● / ⬚

If you select **Send MMS**, you can access the MMS menu.

To play a sound:

● after step 2

To adjust the volume, ◄○►

To stop playback, ● / ⬚ / ⬚

| NOTE | When you finish recording and finding that My Stuff is full, the recorded sound can be saved if you make space by deleting files (pictures, sounds and text templates). Press ⬚ to delete unwanted files. |

Calculator

You can use the 4-function calculator (addition, subtraction, multiplication and division) to make simple arithmetic operations.

Calculator

From **Calculator** menu

1 Enter a number (max. 10 digits) and it will be displayed

If a decimal point is required, press ⬚

2 To select arithmetic operation

(⬚ to multiply, ○► to add, ⬚ to divide, ◄○ to subtract)

3 Enter a number (max. 10 digits) and it will be displayed

4 ● to calculate

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Applications

Infrared

By using the infrared connection with another X400 or with other devices with an infrared port, you can transfer data between the devices.

Preparing for infrared connection

➢ Place the X400 and another device with an infrared port within the effective infrared connection range of each other.

➢ There must be no obstruction between the two communicating devices.

➢ The infrared ports of both devices must point at each other.

➢ If you use a PC, you need to set up an infrared connection on the PC.

(Example: **Start** > **Settings** > **Control Panel** > **Infrared** > **Options tab** > **Enable Infrared Communication**)

Sending data

The types of data you can send are: Contacts, Pictures and Sounds in My Stuff. Ensure that the infrared ports of your X400 and the second phone or device are pointing at each other with no obstructions in between.

> Some downloaded files may be protected under copyright laws. These files should not be sent.

Setting infrared

You need to activate infrared before receiving data.

From **Infrared** menu

$\circled{\updownarrow}$ **On** or **Off** $\circled{●}$ / $\boxed{\triangleright}$
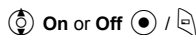
> **NOTE**   When infrared is set to on, " $\boxed{)}$ " appears on the display. If infrared is unused for 10 minutes or the phone is once switched off, it is automatically set to off and " $\boxed{)}$ " disappears.

Sending pictures and sounds

From Idle display

1 $\circled{●}$
2 $\circled{\leftrightarrow}$ **My Stuff** $\circled{●}$ / $\boxed{\triangleright}$
3 $\circled{\updownarrow}$ **Pictures** or **Sounds** $\circled{●}$ / $\boxed{\triangleright}$
4 $\circled{\updownarrow}$ required item $\circled{●}$ / $\boxed{\triangleright}$
5 $\circled{\updownarrow}$ select data to send $\boxed{\triangleright}$
6 $\circled{\updownarrow}$ **Send by infrared** $\circled{●}$ / $\boxed{\triangleright}$

Infrared

If you try to send data that cannot be forwarded or saved, an error message will be displayed.

Applications

⇩

Infrared

Sending Contacts

From Idle display

1 ⊙
2 ⊕ **Contacts** ⊙ / ⊟
3 ⊙ **Contacts list** ⊙ / ⊟
4 ⊙ select contact to send ⊟
5 ⊙ **Send by infrared** ⊙ / ⊟

Receiving data via infrared port

You need to activate infrared before receiving data.

Data received message is displayed then sent data is displayed.

⊙ / ⊟ to save the data

or

⊟ to cancel

Calendar

Viewing calendar

From **Calendar** menu

⊕ will display recent and future calendars

The following options are available by pressing ▱.
◉ required option ◉ / ▱

Option	Explanation
Go to date	Jump to the required date
Week starts on	Select which day the week starts on

My Stuff

Pictures
- Stored pictures
- Download more
- Take new picture

Sounds
- Stored sounds
- Download more
- Record new sound

Shortcuts
- Create MMS
- Inbox(MMS)
- Create SMS
- Inbox(SMS)
- Profiles
- Alarm

Text templates

Memory status
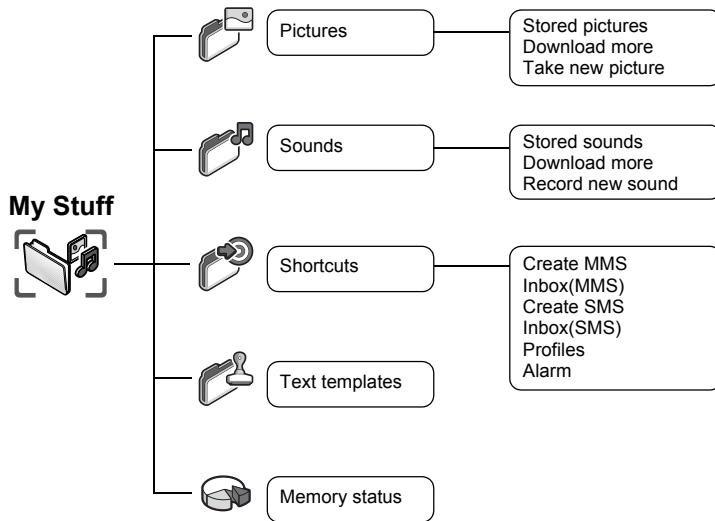
My Stuff

The data saved in the X400 is located in My Stuff. There are four pre-defined folders (Pictures, Sounds, Shortcuts, Text templates). The maximum capacity of the Data Folders is approx. 1 MB.

⇩

Pictures

Pictures (My Stuff > Pictures)

Pictures taken by the camera or images downloaded from the Internet can be managed.

Viewing picture / image

From **Pictures** menu

1 **Stored pictures** ● / ▯

2 required picture / image ●

Downloading picture / image file

From **Pictures** menu

1 **Download more** ● / ▯

2 The picture / image file download site will be displayed

Taking a picture

From **Pictures** menu

1 **Take new picture** ● / ▯

2 The phone switches to the camera mode (see page 38)

Picture options

When the picture is selected, the following options are available by pressing ▯.
 required option ● / ▯

Option	Explanation
Send MMS	Attach pictures to MMS messages (see "MMS")
Send postcard	Attach pictures to MMS postcard (see "MMS postcard")
Send by infrared	Send pictures to another device by infrared
To Live! Studio	Move pictures to Live! Studio
As wallpaper	Use pictures as Wallpaper
Add to contacts	Add pictures to contact
Send as	Select MMS or Postcard to be attached to
Rename	Rename picture files
Delete	Delete picture files
Properties	Show file name, size, date and forward lock status

My Stuff

⇩

Sounds

Sounds (My Stuff > Sounds)

Downloaded sounds and Recorded sounds are stored in Stored sounds.

Checking sounds

From **Sounds** menu

1 ⬡ **Stored sounds** ⬤ / ▱
2 ⬡ required sound ⬤

Downloading sounds

From **Sounds** menu

1 ⬡ **Download more** ⬤ / ▱
2 The sound file download site is displayed

Recording new sound

From **Sounds** menu

1 ⬡ **Record new sound** ⬤ / ▱
2 The phone switches to Sound recorder mode (see page 77)

Options in sound file (Stored sounds)

When a sound is selected, the following options are available by pressing ▱.
⬡ required option ⬤ / ▱

Option	Explanation
Send MMS	Attach sound files to MMS messages (see "MMS")
Send by infrared	Send sound files to another device by infrared
To Live! Studio	Move sound files to Live! Studio
Set alert tone	Set sound files to Incoming tone, Message tone and Group tone (AMR files cannot be set to alert tones.)
Rename	Rename sound files
Delete	Delete sound files
Properties	Show file name, size, date and forward lock status

My Stuff

Shortcuts

You can create shortcuts you want to use in My Stuff.

Viewing shortcuts

From **Shortcuts** menu

$\binom{\circ}{\circ}$ required content $\circledbullet$

The following options are available by pressing $\boxed{\supset}$.
$\binom{\circ}{\circ}$ required option $\circledbullet$ / $\boxed{\supset}$

Option	Explanation
Edit	Overwrite the present shortcut with a new one
Move	Move shortcut to another place in the list
Add	Store new shortcut
Delete	Delete shortcut

Access to shortcuts:
From Idle display

1 $\circledcirc$

2 $\binom{\circ}{\circ}$ required shortcut $\circledbullet$

Text templates

You can use templates stored in the phone when creating a text message.
You can also save frequently used text as templates.

Editing the Text templates

From **Text templates** menu

$\binom{\circ}{\circ}$ required template $\circledbullet$

(The display will turn to editing display)

The following options are available by pressing $\boxed{\supset}$.
$\binom{\circ}{\circ}$ required option $\circledbullet$ / $\boxed{\supset}$

Option	Explanation
New	Add words to new template
Send message	Send template to MMS or SMS
Edit	Edit template
Delete	Delete template
Properties	Show size and date

My Stuff

⇩

Memory status

Memory status

You can see how much data is stored in the individual folders in My Stuff.

The memory in "My Stuff" is separate from the MMS storage and Java™ storage.

Personal WAP/MMS Settings

Use the table below to record your GSM/GPRS WAP/MMS settings.

Item	Provisioning information setting				
	No.1	No.2	No.3	No.4	No.5
Profile name					
Homepage					
Gateway					
Port (Non secure / Secure)					
Data connections					
CSD					
Profile name					
Account					
Password					
Call type					
Phone number					
Idle timer					
GPRS					
Profile name					
Account					
Password					
Apn name					
Auth type Normal / Secured / None (PAP) (CHAP)					

Message server					

Item	Provisioning information setting				
	No.6	**No.7**	**No.8**	**No.9**	**No.10**
Profile name					
Homepage					
Gateway					
Port (Non secure / Secure)					
Data connections					
CSD					
Profile name					
Account					
Password					
Call type					
Phone number					
Idle timer					
GPRS					
Profile name					
Account					
Password					
Apn name					
Auth type Normal / Secured / None (PAP) (CHAP)					

Message server					

Troubleshooting

Should any problem persist, contact your dealer.

Problem	Cause	Remedy
Phone will not switch on.		Check that the battery is fully charged and correctly connected to the phone.
Extremely short battery life for a new battery.	The network you are using and the condition of the battery can affect battery life.	
Short battery life for an old battery.	The battery has worn out.	Replace with a new fully charged battery.
The charging indicator does not light, the battery level indicator does not appear and the phone cannot be switched on when charging.	The battery is not attached to the phone or, when the battery has been deeply discharged, the phone will take a short time until the indicator lights.	Leave the phone charging the battery for a few minutes before the indicator lights and you attempt to switch the phone on.
Battery fails to charge.	The battery is not attached to the phone.	Ensure the battery is fitted to the phone prior to commencing charging.
	Battery was attached to the phone after the Fast Travel Charger was connected.	
Calls cannot be made.	Keyguard is on.	Disable Keyguard.
	Outgoing calls are barred.	Disable outgoing call barring or barred dialling.
	The phone is not registered on a network.	Move to a coverage area and operate your phone after it has registered with a network.
Calls cannot be made from Fixed dial store.		Check whether your SIM supports Fixed dial. Check if Fixed dial is switched on. Check whether the phone number is stored in Fixed dial.
Calls cannot be received.	The phone is not switched on.	Switch the phone on.
	Incoming calls are barred.	Disable incoming call barring.
	The phone is not registered on a network.	Move to a coverage area and operate your phone after it has registered with a network.
Emergency calls cannot be made.	You are not in a GSM coverage area.	Check that the antenna symbol (📶) is displayed – move to a coverage area and operate your phone when the antenna symbol is displayed.

Important error messages

These are some of the most important error messages which may be displayed:

Failed!	Roaming in the selected area is not allowed.
	Roaming with the selected network is not allowed.
	The network has detected an authentication failure because your SIM is not registered with that network – contact Vodafone.
SIM blocked!	The SIM is blocked because the PIN unblocking key (PUK) has been entered incorrectly ten times – contact Vodafone.
Insert SIM	The phone has detected a problem with the SIM – switch the phone off and then back on; if the message is still displayed contact Vodafone.
Invalid SIM	The SIM has failed one or more of the SIM personalisation checks – contact Vodafone.
Function unavailable!	The selected feature is either not supported by the SIM or is not available with the current subscription – contact Vodafone.
PIN2 invalidated!	The PIN2 is blocked permanently because the wrong PUK2 has been entered ten times, services controlled by PIN2 cannot be used – contact Vodafone.
Storage full Message rejected! or SIM message storage full Message rejected!	A message has been received but the message store is full – to receive messages, delete some of the currently stored messages.
Too many characters!	The edited or newly created contact number is too long for the SIM.
This message may not be stored	The message area is full. Your messages cannot be stored until some of the currently stored messages are deleted.
Verification failure!	On changing the PIN/PIN2, verification of the new code is incorrect – retry changing the PIN/PIN2 with correct verification.
Auto redial list full!	Redial list of unsuccessfully dialled numbers is full – switch the phone off and then on again.

Glossary of Terms

Apn	Access Point Name. Directs the user to the gateway or the required service.
CHAP	Challenge Handshake Authentication Protocol. A security feature in the GPRS network.
Copy	Copies selected text from a short text message without removing it from the original message.
CSD	Circuit Switched Data. A communication method used to transmit data over telephone connections.
Cut	Permanently removes selected text from a short text message.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes, etc.
GPRS	General Packet Radio Service. A GSM transmission technique that transmits and receives data in packets rather than setting up a continuous channel. It makes very efficient use of available radio spectrum and users pay only for volume of data sent and received.
GSM	Global System for Mobile communications. The name given to the advanced digital technology that your phone uses.
MMS	Multimedia Messaging Service. An advanced mail system used for cellular phones. This service allows sending/receiving text messages and attaching pictures, animation and sound to the same.
Network Operator	The organisation responsible for operating a GSM network.
PAP	Password Authentication Protocol. A security feature in the GPRS network.
Password	Used for the control of GPRS/CSD settings in Data connections and the control of Call barring. Supplied by Vodafone.
PIN	Personal Identification Number used for SIM security. Supplied by Vodafone. If the PIN is entered incorrectly 3 times, the PIN will be blocked.
PIN2	Personal Identification Number used for the control of Fixed dial store and Call charge metering. Supplied by Vodafone. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked.
PUK/PUK2	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2 code. Supplied by Vodafone. If the PUK/PUK2 is entered incorrectly 10 times, the PUK/PUK2 will be blocked.
Registration	The act of logging on to a GSM network. This is usually performed automatically by your phone.
Roaming	The ability to use your phone on networks other than your home network.
Service Provider	The organisation responsible for providing access to the GSM network.
SIM	Subscriber Identity Module. A small smart-card which stores unique subscriber and user-entered information such as Contacts entries and short messages. Supplied by Vodafone.
SMS	Short Message Service. A basic mail system used for cellular phones. This service allows sending/receiving of short text messages.
URL	Uniform Resource Locator. The URL is an alphanumeric address that points to homepages and other Internet locations.
WAP	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone.

Bands Supported .... GSM900 Class 4
                                           GSM1800 Class 1
Talk Time .... 1.5 hrs. - 4.5 hrs.
                                           (90 min. - 270 min.)
Standby Time................................... 70 hrs. - 210 hrs.

NOTE Talk and Standby times depend on network conditions, SIM usage and battery condition.

Temperature Range
    Charging .... +5 ºC – +35 ºC
    Storage .... -20 ºC – +60 ºC
Volume... Approx. 64 cc
Weight.. Approx. 84 g
Dimensions
    Height .... 84 mm
    Width .... 47 mm
    Depth .... 17.5 mm
Supply Voltage................................. 3.7 V (600 mAh Li-ion)
Antenna.. External
Charge Time .... Up to 120 min.

NOTE Charging time depends on usage and battery condition.

SIM Type... 3 V only or 3 V / 5 V
Contacts Size................................... 300 entries + SIM
Sound Recorder............................... Each max. record size
                                           15 seconds (Varies depending on My Stuff)
Games (Pre-Installed Games) 1
Ring Tones....................................... Preset: 10 (Varies depending on My Stuff)
Alarm.. 1
Graphics Formats Supported........... GIF87a, GIF89a, JPEG, WBMP, PNG
Memory Storage
    My Stuff .... 1 MB
    MMS .... 700 KB
    Fun & Games .... 500 KB
Camera Range................................. 35 cm - ∞

When switching the phone off, use only 🖉 to avoid damaging the phone.

Accessories

Li-Ion Battery (EB-BSX400)

Double your talk time by having a spare battery.

Personal Handsfree (EB-EMD87)

Talk and move while keeping your hands free by using this accessory. Just place the earpiece in your ear and the adaptor in the bottom of the handset – and talk.
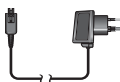
> **NOTE** Even if the Personal Handsfree is connected to the phone, alerts, e.g. incoming tone and message tone, sound through the speaker.
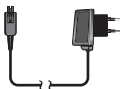
Car Charger (EB-CDX70)

Top up your battery in your vehicle by attaching this accessory to your phone and to the cigarette lighter socket.

Fast Travel Charger (EB-CAX70UK)

Carry a lightweight portable charger wherever you go to ensure you always have power to talk.

Fast Travel Charger (EB-CAX70EU)

How to identify a genuine Panasonic accessory

Panasonic produces some of the most advanced mobile phones available. So, as you'd expect from this class leader, the range of accessories are second to none.
Most genuine Panasonic accessories will have a label showing an "EB-XXXXX" model number.

CP8 Patent

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Republic of Singapore Pat. No. 51383; Euro. Pat. No. 0 842
463 (96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

Teleca Application

WAP: Browser RA 2.1
MMS: MMS RA 1.3
JAM (under KVM Statement): JAM RA 1.2

V-enabler™

V-enabler (VSCL) is the trademark of eValley, Inc.

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EU Warranty

EU/EEA – Wide guarantee is applicable in the EU/EEA and Switzerland.

Panasonic GSM European Service Guarantee Conditions

Dear Customer,
Thank you for buying this Panasonic digital cellular telephone. The Panasonic GSM European Service Guarantee only applies while travelling in countries other than where the product was purchased. Your local guarantee is applicable in all other cases. If your Panasonic GSM telephone requires service while abroad, please contact the local service company shown on this document.

The Guarantee
The applicable period of the European wide guarantee for GSM is generally 12 months for the main body and 3 months for the rechargeable battery. With respect to a product used in a country other than a country of purchase, notwithstanding what is stated in the conditions below, the customer will benefit, in that country of use, from these guarantee periods of, respectively, 12 and 3 months, if these conditions are more favourable to him than the local guarantee conditions applicable in such country of use.

Conditions of Guarantee
When requesting guarantee service the purchaser should present the warranty card together with proof of purchase, to an authorised service centre.
The guarantee covers breakdowns due to manufacturing or design faults; it does not apply to other events such as accidental damage, however caused, wear and tear, negligence, adjustment, modification or repair not authorised by us.
Your sole and exclusive remedy under this guarantee against us is the repair, or at our option the replacement, of the product, or any defective part or parts. No other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
This is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. This guarantee applies in countries shown on this document at the authorised service centres detailed for that country.

UK

Service Centres in England
Tel. +44 8705 159159

IRL

Service Centres in Ireland
Tel. +353 1 2898333

D

In Deutschland können Sie auch unseren Abholservice in Anspruch nehmen, um Ihr defektes Panasonic Gerät reparieren zu lassen. Informationen hierzu finden Sie auf unserer Internet homepage www.panasonic.de, unter Service, Reparatur-Services.

Hotline Tel. 0180 5015142 (12 Cent pro Minute)
Mo. bis Fr. von 8.00 - 20.00 und
Sa. von 12.00 - 17.00

Spezialisiert auf Vodafone Geräte:
Panasonic Service Center
B&W Service GmbH
Kieler Straße 41
24768 Rendsburg
Tel.: +49 (0) 4331 / 14 11-0

A

Service-Fentren in Österreich

Fa. Frisch
Lokalbahnweg 12
A-4060 Leonding
Tel. +43 (0)732 676 961

FR

A-NOVO Beauvais
16 Rue Joseph Cugnot
ZI Bracheux
60000 Beauvais
Tél. : 03.44.89.79.00
Fax : 03.44.05.16.96

A-NOVO Brive
15 Rue Daniel de Cosnac
BP 561
19107 Brive Cedex
Tél. : 05.55.18.38.81
Fax : 05.55.18.39.06

CETELEC
FI de la Delorme
5 Avenue Paul héroult
13015 MARSEILLE
Tél. : 04 96 15 77 77
Fax : 04 91 03 20 20

CORDON Electronique
BP 460
FI Taden
22107 DINAN CEDEX
Tél. : 08.92.69.27.92
Fax : 02.96.85.82.21

S.B.E.
F.I. de la Liane
BP 9
62360 SAINT LEONARD
Tél. : 03.21.10.10.21
Fax : 03.21.80.20.10

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Nederland
Tel. +31 703314314

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2516 BM
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Tel. +31 703314314

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Per I Centri Assisitenza in Italia

Servizio Clienti
Tel. +39 02/ 67072556

E

Panasonic España, S.A.

Servicio de Atención a Usuarios:
Tel: 902 15 30 60

DK

For nærmeste servicecenter ring Panasonic Danmark

Tel. +45 43 20 08 50

S

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www.komrep.se

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Malmskillnadsgatan 23
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www.help-it.se

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Fax: +46 (0)550-17558
www.anovo.se

CR Service
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232 52 Åkarp
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0508 Oslo
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Τηλ. Κέντρο: (2310) 245.840-3

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LİSE CADDESİ GÖKALP APT.NO: 18/A
DİYARBAKIR
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Fax: 90-412-223 59 00

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80340 ÇAĞLAYAN-ISTANBUL
Tel: 90-212-220 60 70 / 14 Lines
Fax: 90-212-220-60 94

ANKARA BRANCH OFFICE
GÜVEN MAH.FARABI SOKAK NO: 38/6 06690
KAVAKLIDERE- ANKARA
Tel: 90-312-472 73 73 pbx
Fax : 90-312 472 82 00

İSMİR BRANCH OFFICE
CUMHURİYET BULVARI NO:330 K.:6 D.:608 SEVİL
İŞ MERKEFİ 35520 ALSANCAK-İFMİR
Tel: 90-232-464 29 01 pbx
Fax: 90-232-422 67 44

BURSA BRANCH OFFICE
ŞEHREKÜSTÜ MAHLLESİ DURAK CADDESİ NO.:7
BURSA
Tel: 90-224-225 10 46 pbx
Fax: 90-224-223 81 03

ADANA BRANCH OFFICE
REŞATBEY MAH.FUFULİ CAD.GÜLEK SİTESİ A
BLOK NO: 75b 01120 ADANA
Tel: 90-322-458 39 52 pbx
Fax: 90-322-453 21 32

TRABFON BRANCH OFFICE
MARAŞ CAD.MARAŞ APT.NO:51 D.:2 61200
TRABFON
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Fax: 90-462-326 37 78

ANTALYA BRANCH OFFICE
ALTINDAĞ MAH. 146 SOKAK ÖFKOÇ APT.NO:9/1-
2A ANTALYA
Tel: 90-242-243 23 70 / 3 Lines
Fax: 90-242-243 23 72

EU/EEA – Wide Guarantee: Conditions applicable in any country other than the country of original purchase.

When the purchaser finds the appliance to be defective, he should promptly contact the proper sales company or national distributor in the EU/EEA country where this guarantee is claimed, as indicated in the "Product Service Guide" or the nearest authorised dealer together with this guarantee and proof of date of purchase. The purchaser will then be informed whether:

(i)   the sales company or national distributor will handle the repair service; or

(ii)   the sales company or national distributor will arrange for trans-shipment of the appliance to the EU/EEA country where the appliance was originally marketed; or

(iii) the purchaser may himself send the appliance to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed.

If the appliance is a product model which is normally supplied by the sales company or national distributor in the country where it is used by the purchaser, then the appliance, together with this guarantee card and proof of date of purchase, should be returned at the purchaser's risk and expense to such sales company or distributor, which will handle the repair service. In some countries, the affiliated sales company or national distributor will designate dealers or certain service centres to execute the repairs involved.

If the appliance is a product model which is not normally supplied in the country where used, or if the appliance's internal or external product characteristics are different from those of the equivalent model in the country where used, the sales company or national distributor may be able to have the guarantee repair service executed by obtaining spare parts from the country where the appliance was originally marketed, or it may be necessary to have the guarantee repair service executed the sales company or national distributor in the country where the appliance was originally marketed.

In either case, the purchaser must furnish this guarantee card and proof of date of purchase. Any necessary transportation, both of the appliance and of any spare parts, will be at the purchaser's risk and expense, and there may be a consequent delay in the repair service.

Where the consumer sends the appliance for repair to the sales company or national distributor in the country of use of the appliance, the service will be provided on the same local terms and conditions (including the period of guarantee coverage) as prevail for the same model appliance in the country of use, and not the country of initial sale in the EU/EEA. Where the consumer sends the appliance for repair to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed, the repair service will be provided on the local terms and conditions prevailing in the country of initial sale in the EU/EEA.

Some product models require adjustment or adaptation for proper performance and safe use in different EU/EEA countries, in accordance with local voltage requirements and safety or other technical standards imposed or recommended by applicable regulations. For certain product models, the cost of such adjustment or adaptation may be substantial and it may be difficult to satisfy local voltage requirements and safety or other technical standards. It is strongly recommended that the purchaser investigates these local technical and safety factors before using the appliance in another EU/EEA country.

This guarantee shall not cover the cost of any adjustments or adaptations to meet local voltage requirements and safety or other technical standards. The sales company or national distributor may be in a position to make the necessary adjustments or adaptations to certain product models at the cost of the purchaser. However, for technical reasons it is not possible to adjust or adapt all product models to comply with local voltage requirements and safety or other technical standards. Moreover, where adaptations or adjustments are carried out the performance of the appliance may be affected.

If in the opinion of the sales company or national distributor in the country where the appliance is used the purchaser has the necessary adjustments or adaptations to local voltage requirements and technical or safety standards properly made, any subsequent guarantee repair service will be provided as above indicated, provided the purchaser discloses the nature of the adjustment or adaptation if relevant to the repair. (It is recommended that the purchaser should not send adapted or adjusted equipment for repair to the sales company or national distributor in the country where the appliance was originally marketed if the repair relates in any way to the adaptation or adjustment.)

This guarantee shall only be valid in territories subject to the laws of the European Union and the EEA.

Please keep this guarantee with your receipt.

The Serial Number can be found on the outside of the phone under the battery. For your convenience we recommend that you note the following details as a record of your purchase.	
Part Number	
Serial Number	
Dealer Name	
Purchase Date	