Panasonic

Operating Instructions

X800

Symbian OS
Smartphone

EB-X800
Mobile Phone

GSM

Before operating this handset, please read these instructions completely.
Charge battery before operation.

X800 Operating Instructions

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Introduction

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900, GSM1800 and GSM1900. It also supports GPRS for packet data connections. Please ensure the battery is fully charged before use.

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 Travel charger is compatible with the area of use when travelling abroad. A Travel charger (EB-CAX800xx*) is supplied with the Main Kit.

Note* xx identifies the charger region, e.g. CN, EU, UK, AU, US.

Battery

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

If you use a feature which keeps the key backlight on continuously for a long time, such as a game or browser, battery life will become extremely short. To maintain longer battery life, set the Key backlight to off. (See **Keypad Backlight Time** setting on page 44.)

Do not use this phone without the battery cover attached.

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.

Aircraft

Switch off your cellular phone when in an aircraft. Ensure that the setting of the Alarm or Power on time 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.

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.

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.

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. You should use security features, such as the SIM lock to protect information held in 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).

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).

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. 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.

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 leave the camera facing direct sunlight, as this may impair its performance.

Other important information

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.

This 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.

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.

Some of the contents described in this manual are subject to change without notice.

Care and maintenance

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 connecting the phone to an external source, read the operating instructions of the equipment for the correct connection and safety precautions. Ensure the phone is compatible with the product it is being connected to.

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

About this manual

Symbols used in this manual

The following symbols are used in this manual to represent the limited availability of the function or service.

= Depending on your SIM.

= Depending on network availability.

= Depending on your network operator. The service may only be available on a subscription basis.

= Depending on country.

Graphics

The graphic elements in this manual are for illustrative purposes and may differ from the actual phone and/or graphic elements displayed on the phone. Panasonic reserves the right to change the information in this manual without prior notice.

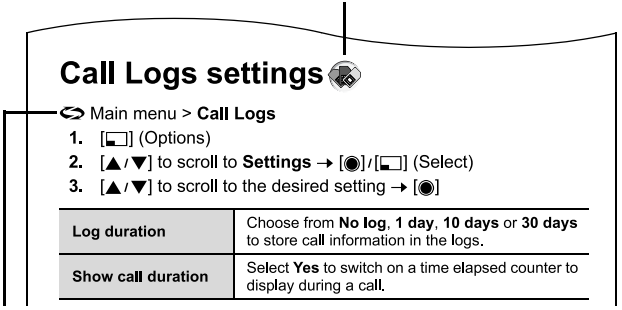
Keys

Keys in this manual may differ from the actual keys on your phone. Refer to page 10 for the icons that represent the keys in this manual.

How to read this manual

<Example> Call Logs settings in Call Logs menu on page 160.

This function is SIM dependent. For other symbols, refer to page 7.



Call Logs settings

Main menu > **Call Logs**

1. [▬] (Options)
2. [▲/▼] to scroll to **Settings** → [●]/[▬] (Select)
3. [▲/▼] to scroll to the desired setting → [●]

Log duration	Choose from **No log**, **1 day**, **10 days** or **30 days** to store call information in the logs.
Show call duration	Select **Yes** to switch on a time elapsed counter to display during a call.

Menu navigation

Before following the steps, you need to enter the Main menu, then move through the sub menus, described next to the icon.
">" means "scroll through the menu and select".

In the example given above:

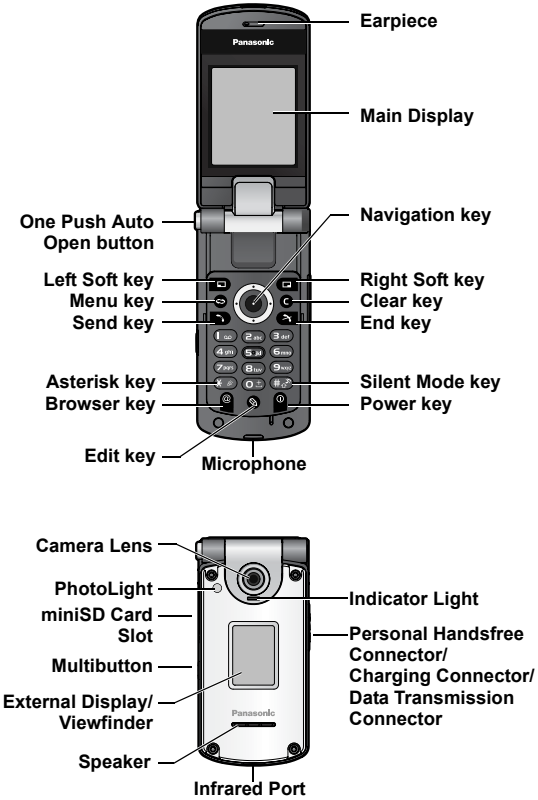
From Main menu, press Navigation key (up/down/left/right) to scroll to **Call Logs** and press Navigation key (centre).
Now you can continue onto the step 1:

1. Press Left Soft key (Options)*1
2. Press Navigation key (up/down) to scroll to **Settings**, then press Navigation key (centre) or Left soft key (Select)*1
3. Press Navigation key (up/down) to scroll to the desired setting in the list below, then press Navigation key (centre)

*1 The word is shown in the lower left hand corner of the display, indicating a command that the key gives to the phone when you press it.

About Your Phone

Phone overview



Key functions

Key name	Function	Key icon*1
Power key	Press and hold to switch the phone on/off. Press to switch phone off, change ringtone, eject miniSD Card, lock keypad or lock the phone.	[⏻]
Navigation key	Press outside edges to scroll up [▲], down [▼], left [◀] or right [▶] to move through menus and text. Press centre [◉] to select option or take a picture in Camera mode.	[▲] [▼] [◀] [▶] [◉]
Left Soft key	Perform action named in lower left of display.	[▭]
Right Soft key	Perform action named in lower right of display.	[▭]
Send key	Make or answer a call.	[✆]
End key	Ends a call. Return to standby mode.	[✆]
Menu key	Enter the main applications menu area. Return to standby mode.	[⌓]
Clear key	Erase character in edit mode. Delete highlighted entered item.	[C]
Edit key	Select Dictionary for predictive text including insert and edit words, or **Alpha mode** or **Number mode**. Insert numbers or symbols. Change writing language. Mark multiple items in a list by holding down [✎], then [▲] or [▼].	[✎]
Browser key	Opens Browser.	[@]

Key name	Function	Key icon*1
Numeric keys	Enter numbers and characters. Press and hold [2] - [9] for Speed dialling. Press and hold [0] to enter + character for international dialling. In edit mode, [0] to enter space.	[0] to [9]
Asterisk key	In numeric and standby modes, press repeatedly for *, +, p and w characters. In Dictionary mode, scroll to other word choices when word is underlined. In edit mode, press to open special character table.	[*]
Silent Mode key	Enter # character. Press and hold to switch the Silent mode on/off. In edit mode, shift to upper and lower case letters, or press twice briefly to turn on/off Dictionary for predictive text.	[#]
Multibutton (on side of phone)	For external display, press once to switch on backlight, then press as needed to toggle between clock and icon views. Turns off ringer during incoming call. Takes a picture in Camera mode when the flip is closed.	[⊖]

*1 The key icons given in the table represent the actual keys on the phone.

Quick keys

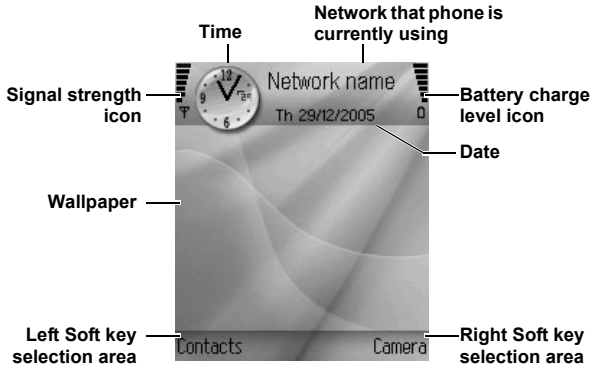
You can easily access features instead of navigating through the menus.

	Key	Function
In standby mode		
Short press	[▭]/[▭]	Open preset application (To change the application, see “Standby mode settings” on page 45.)
	[◉]	Open Contacts
	[↘]	Open Call Logs
Long press	[2] - [9]	Speed Dial
	[↘]	Activate Voice commands
	[⟲]	View currently open applications
	[✱]	Switch PhotoLight on/off
	[#]	Silent mode on/off
Combination press	[▭] → [✱]	Lock keypad on/off
During a call		
Short press	[▶]	Increase the volume
	[◀]	Decrease the volume
	[↘]	Switch between hold and unhold on one call or switch between one active and one held call

Display

Main display

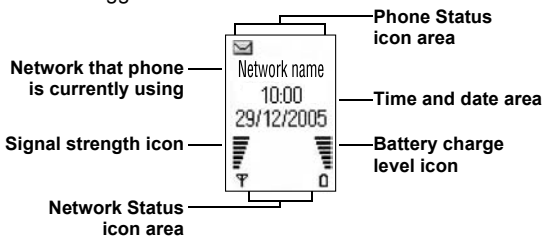
(in standby mode)



External display

(in standby mode)

[⊂⊃] on the side of the phone once to switch on backlight, then press as needed to toggle between clock and icon views.



Status icons

The status icons are displayed or animated according to the currently activated functions.

Icon	Meaning
	Signal strength; the more bars visible, the stronger the signal
	No network connection
	Seven levels indicate battery charge level. Bars scroll when battery is charging.
	GPRS service is active and available
	GPRS service is on hold
	GPRS connection is active
	Multiple GPRS connections are active
	Missed call
	Call divert is active (if you have 2 lines, 1 or 2 also appears)
	Line selection 2 (if you have 2 phone lines) *1
	Data call
	Keypad is locked
	Earpiece sound on
	Loudspeaker sound on
	Alarm is set
	Private handsfree headset attached
	New voice mail message received (if you have 2 lines, left circle is darkened for line 1, right circle is darkened for line 2)

Icon	Meaning
	New message received
	Message in Outbox waiting to be sent
	Bluetooth is enabled
	Bluetooth is active
	Infrared is enabled (flashes when active)
	USB connection enabled
	Navigation key - scroll and move up or down options
	Navigation key - scroll left or right, move left or right to view tabs

*1

Indicator light

The Indicator light flashes or beams when you receive calls/ messages, the battery is charging, the alarm sounds or you press the keypad.

Function	Colour
Incoming calls	Flashing Green
Incoming messages	
Battery charge	Red
Battery problem	Flashing Red
Camera viewfinder mode	Amber

Installing the SIM and the battery

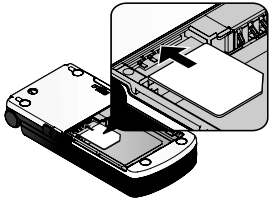
The SIM (Subscriber Identity Module) card and the battery must be installed before using your phone.
Before handling the SIM and the battery, ensure that the phone is switched off and the charger is disconnected from the phone before charging.

Inserting/removing the SIM

See “Inserting/removing the battery” on page 17 to remove the battery cover and the battery.

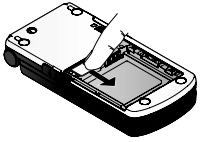
Inserting the SIM

Position the SIM card as shown, with gold contacts facing down and the notched corner turned to the right. Carefully slide the SIM card into the SIM card pocket until the card is all the way seated.



Removing the SIM

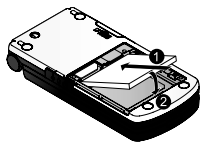
Place a finger on the bottom edge of the SIM card and gently slide out.



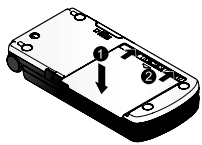
Inserting/removing the battery

Inserting the battery

1. Insert the small tab at the top of the battery into the notch at the top of the battery compartment. Ensure the 3 gold contacts align with the 3 gold pins in the phone.

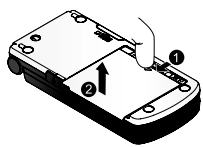


2. Replace the cover on the phone. Make sure the cover clicks into place.

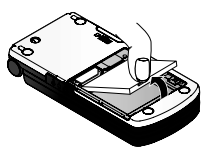


Removing the battery

1. Slide the cover slightly toward the left of the phone, using your fingernail, then lift the cover off the phone.



2. Place your finger on the tab at the base of the battery. Lift the battery off the compartment.

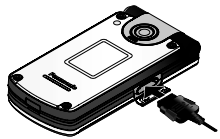


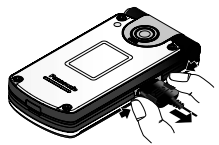
Charging the battery

Your phone can be charged either when it is switched on or off. You can use your phone switched on even while charging.
Ensure that the battery is attached in the phone before charging.

1. Open the connector cover at the left side of the phone as you turn over and upside down the phone.

   Connect the charger to the Charging Connector, then connect the charger to the mains power supply.
2. When charging is complete, disconnect the charger from the outlet before removing the plug from the phone. You should press and hold the release buttons on both side of the connector end and pull gently to disconnect the charger from the phone.





Note: DO NOT force the connector as this may damage the phone and/or the charger.

If the battery has been deeply discharged, it may take several minutes before the Battery charge level indicator is displayed.

Battery charge level indicator

While charging	Charging complete
Scrolling	**Not scrolling** If the phone is switched on, "**Battery full**" message appears.

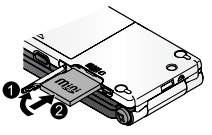
Low battery warning

When the battery power is low, a "**Battery low**" message will be displayed and a warning tone will sound. The phone will automatically switch off after the tone. Fully recharge the battery. If you receive the low battery warning during a conversation, charge your phone to continue the conversation.

Installing miniSD Card

The miniSD Card is a memory card used to expand phone memory and a way to transfer files to other devices.

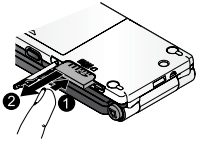
Inserting the miniSD Card



1. On the left side of the phone as you turn over and upside down the phone, lift up the miniSD Card cover ❶.
2. Slide the miniSD Card with notched corner entering the phone first and the gold contacts facing down into the miniSD Card slot until it clicks ❷. Push down the miniSD Card cover until it clicks.

Removing the miniSD Card

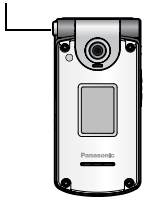
Before removing the miniSD Card, wait for file saving or copying process to finish.



1. [ⓘ] → [▲/▼] to scroll to **Eject miniSD Card** → [◉]/[▭] (OK)
2. Lift up the miniSD Card cover.
3. To release the card, gently push the bottom edge of the card forward into the slot ❶.
4. After the card is ejected, gently remove it ❷. Push down the miniSD Card cover until it clicks.

Opening/closing the phone

You can open your phone by pressing the One Push Auto Open button.



Clamshell setting

Opening the phone answers the incoming call and closing the phone ends the call.
When **Active clamshell** setting is set to **Off** (see page 46), you must answer the incoming call by [↘]. Closing the phone switches the caller's voice to the back loudspeaker and mutes your voice. However, when you are using a headset, you can continue your conversation even while the phone is closed.

Switching the phone on/off

1. Press and hold [⏻] for 2 to 3 seconds to switch the phone on
   A greeting may be displayed and the phone enters standby mode.
2. Press and hold [⏻] for 2 to 3 seconds to switch the phone off
   OR
   [⏻] → [▲/▼] to scroll to **Switch off!** → [●]/[▭] (OK)

Note: If your SIM card is PIN protected, your PIN code will be requested. Enter the PIN code and [▭] (OK). See "Security settings" on page 50.

Menu Navigation

Main menu structure

The 12 menus in Grid view are as follows:

Settings

Ringtones 40
Themes 42
Settings 44
Clock 57
SpeedDial 59
Voice 60
PB Setup 65
About 65

Calendar 116

Messages

Voice mail 74
Messages 75

Games

MicroGolf 162
BalloonHeadedBoy .. 162

*1

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File Mgr 133
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SIM Tool Kit*1 135

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PhotoBase 106
RealOne 110
Video Rec. 113

Connect

Browser 136
Operator 143
Modem 144
Bluetooth 146
Infrared 150
USB 152
Conn Mgr 152
SyncML 153
Dev Mgr 155

Quickoffice 164

Displaying the menu

The menu system allows you to access functions which do not have their own dedicated buttons on the keypads. The menu view can be switched between **Grid view** and **List view**.

1. [ ] (Menu)

   The main menu appears with 12 menu options. (See "Main menu structure" on page 21.)

2. [▲/▼/◀/▶] to scroll to the desired menu → [●]

If an ▲ or ▼ appears at the bottom of the display, [▲/▼] to scroll to additional items.

To go back to the main menu:

1. [ ] (Exit)

To change the menu view:

1. [ ] (Options)
2. [▲/▼] to scroll to **List view** or **Grid view** → [●]/[ ] (Select)

Shortcut: To jump to and open one of the first 9 application items (if you have not yet scrolled), simply press the number key corresponding to the desired item's location on the grid view. The grid view numbering system is:

1	2	3
4	5	6
7	8	9

Navigating the applications

Tabs

There may be more files, folders, or pages associated with an application item, which can be viewed by moving right and left across the screen. This is indicated by tabs , arrows , or numbers near the top of the screen. For example, if you are viewing page 5 of 12 pages associated with a file, 5/12 and arrows are displayed.

[◀/▶] to move through the tabs and pages.

Saving changes

In many cases when editing text or numbers, or changing a setting; [ ] (Back) to automatically save changes.

Deleting items

There are several ways to delete items:

- [**C**] → [ ] (Yes)
- [ ] (Options) → [▲/▼] to scroll to **Delete** → [◉]/[ ] (Select) → [ ] (Yes)

Multitasking

You can work with more than one menu item simultaneously. For example, you can start creating a new message, rename an image, and begin creating a Contacts entry, all without losing the data you have already entered.

To keep a menu item open:
[↷] to go to the standby screen.

Note: During a phone call, [↷] terminates the call instead of acting as a shortcut to the standby screen.

Opening/closing menu items

There are several ways to open menu items:

- [●]
- [▭] (Options) → [▲/▼] to scroll to **Open** → [●]/[▭] (Select)

There are several ways to close menu items:

- [▭] (Options) → [▲/▼] to scroll to **Exit** → [●]/[▭] (Select)
- [▭] (Back) until [▭] (Exit) appears → [▭] (Exit)
- [▭] (Close)

Shortcut to swapping among open items

If you have several menu items open, you can view open items in a pop-up window.

1. Press and hold [⟲]
2. [▲/▼] to scroll to the desired item
3. To open: [●]/[▭] (Select)
   To close: [C] → [▭] (Yes)

When you open the item, you will begin at the point where you were previously.

Search option

In certain menu items, a magnifying glass icon appears which allows you to search for a name, file or item.
To search, enter the first letter of the desired name or file. The phone finds and displays matching entries. To refine the search, enter two or more letters.

Mark/Unmark

In menu items containing many files, you can mark specific files in which to perform an action. For example, you may wish to delete 5 images from your Images folder containing 29 images.

1. [▭] (Options)
2. [▲/▼] to scroll to **Mark/Unmark** → [▶]
3. To place or remove a checkmark next to the desired file: [▲/▼] to scroll to **Mark** or **Unmark** → [◉]/[▭] (Select)
   To mark or Unmark all files: [▲/▼] to scroll to **Mark all** or **Unmark all** → [◉]/[▭] (Select)
4. [▭] (Options)
5. [▲/▼] to scroll to the desired action such as **Delete**, **Send** or **Move** → [◉]/[▭] (Select)

Shortcut: To mark or unmark an item: Hold down [✎] → [◉]

To mark/unmark multiple items: Hold down [✎] → Press and hold [▲/▼] to scroll through the desired items. Release [▲/▼] to stop marking.

Shared phone memory

The phone's memory capacity is shared by all data files, such as images, messages, ringtones, etc. If you keep more files on the phone, then there is less memory available to store new files or run certain applications.

To decrease the amount of phone memory used, store data on your miniSD Card, or delete unwanted data.

To view details of the phone memory and miniSD Card use, and amount of free memory:

1. [⌂] → [▭] (Options)
2. [▲/▼] to scroll to **Memory details** → [▶]
3. [▲/▼] to scroll to **Phone memory** or memory card (also referred to as miniSD Card) → [◉]/[▭] (Select)

Also see “File manager” on page 133.

Basic Operations

Making calls

To make a call, your phone must be within range of a network with adequate signal strength.

Standard dialling

In standby mode:

1. Enter the area code and phone number → [ ]
2. When the other party answers, talk into the microphone
3. [ ] or close the flip to hang up

Note: To erase a digit, [C].

While on a call, you can adjust the earpiece volume by [◀/▶].

Contacts dialling

You can make calls using the numbers in Contacts stored on your phone or SIM card.

Main menu > **Contacts**

1. [◀/▶] to switch to **Contacts** tab or **SIM directory** tab
2. [▲/▼] to scroll to the desired contact → [ ]
3. If the card has several phone numbers stored, [▲/▼] to scroll to the desired number → [●]/[ ] (Call)

Recent call dialling

You can make calls using the numbers in Call Logs.

In standby mode:

1. [ ]
2. [◀/▶] to switch to **Dialled numbers**, **Received calls** or **Missed calls** tab
3. [▲/▼] to scroll to the desired number → [ ]

Speed dialling

If you assigned speed dial number keys to your frequently called numbers, you can dial them with 2 key presses. See “Calling a speed dial number” on page 60.

Voice dialling

You can make calls by saying the name of the person you wish to call. See “Voice Dial” on page 60.

Automatic redial

If **Automatic redial** setting is set to **On** (see page 45), your phone will automatically redial the number up to 10 times.

[▭] (Quit) or [✂] to stop automatic redialling.

International dialling

The international prefix (+) and the destination country/region should be entered, followed by the area code and phone number.

1. Press and hold [**0**] until “+” is displayed
2. Enter the country/region code
3. Enter the 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.

For further help, contact your service provider.

Emergency call

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

1. Enter the local emergency number (such as [112]) → [ ]

Note: You can call the local emergency number even if the keys are locked.

Most countries support the international emergency number 112. If you find the number does not work on your phone, please call your service provider.

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

Sending service command to network

You can activate particular services such as mobile prepay and chat by sending a service command, which may be called USSD commands.

1. First, contact your service provider for the proper service command code.
2. Enter the supplied service command code. If the phone recognises it as a supplementary service or USSD request, [ ] (Send service comm.).

Answering calls

When there is an incoming call, the phone rings, flashes green and/or vibrates (depending on your phone setting).

While the phone is ringing and/or vibrating:

1. When the phone is closed: Open the flip
   When the phone is open: [ ]

OR

If **Anykey answer** is on:

1. Press any key except [ ], [ ] or [ ]
   (See **Anykey answer** setting on page 46.)

Rejecting calls

While the phone is ringing and/or vibrating:

1. [✂]

Muting Ringing tone

You can turn the Ringing tone and/or vibration off before answering a call.

While the phone is ringing and/or vibrating:

1. When the phone is closed: [⊖]
   When the phone is open: [▭] (Silence)
2. [✆] to answer the call

Answering a second call

While on an active call, you may receive another call.

To enable this service, Call waiting must be active. (See **Call waiting** setting on page 45.)

If you hear an alert tone during a call:

1. [✆]
   The first call is placed on hold.
2. [▭] (Swap) or [✆] to switch between the two calls if required

To reject another call:

1. [▭] (Reject)

To end the active call and answer the incoming call:

1. [▭] (Options) → [▲/▼] to scroll to **Replace** → [◉]/[▭] (Select)

Ending calls

There are several ways to end a call:

- Close the flip.
- [✂]
- [▭] (End call)
- [▭] (Options) → [▲/▼] to scroll to **End active call** → [◉]/[▭] (Select)

To end all calls if there are more than one:

- [▭] (Options) → [▲/▼] to scroll to **End all calls** → [◉]/[▭] (Select)

To end all calls and data connections:

- Press and hold [✂]

Silent mode

To use your phone in quiet situation, you can activate the **Silent** mode. You can personalise the **Silent** mode setting. (See “Ringtones” on page 40.)

In standby mode:

1. Press and hold [#] to activate/deactivate the **Silent** mode

Voice mail

Voice mail is a network service which allows callers, who could not reach you, to leave voice messages. When a new voice message is stored, an alert sounds and (📼) appears on the display. To use this service, you may need to subscribe to the Voice mail service through your network operator. For further details, contact your network operator.

To retrieve stored voice messages:

In standby mode:

1. Press and hold [1] to call your voice mailbox
2. Follow the recorded instructions
3. [✂] when finished

See "Voice mail" on page 74 for details.

In-call operations

When on a call, you can put the call on hold, send touch tones for passwords, etc.

Hold

You can put a call on hold.

During a call:

1. [▭] (Options)
2. To put a call on hold: [▲/▼] to scroll to **Hold** → [◉]/[▭] (Select)

   To resume: [▲/▼] to scroll to **Unhold** → [◉]/[▭] (Select)

You can also switch between **Hold** and **Unhold** by [📞].

Handsfree talking

To hear the caller's voice from the handsfree loudspeaker: [▭] (Loudsp.)
To go back to the earpiece: [▭] (Handset)

🔊	Loudspeaker icon -- handsfree is active.
📞	Earpiece icon -- handsfree is not active.

To hear the caller's voice in the Bluetooth headset when you have activated a Bluetooth handsfree headset, car kit or other Bluetooth accessory: [▭] (Options) → [▲/▼] to scroll to **BT Accessory** → [◉]/[▭] (Select)

Note: When **Active clamshell** setting is set to **Off** (see page 46), closing the phone switches the caller's voice to the back loudspeaker and mutes your voice. However, when you are using a headset, you can continue your conversation even while the phone is closed.

Volume control

[◀/▶] to decrease or increase the volume of the phone earpiece 📞, phone loudspeaker 🔊, or headset if attached. Note the volume step bars change as you adjust the volume.
To mute or unmute the microphone: [▭] (Options) → [▲/▼] to scroll to **Mute** or **Unmute** → [◉]/[▭] (Select)
Mute switches off the microphone of the phone and any accessory microphones if attached. Unmute switches the microphone back on.

DTMF

DTMF (Dual Tone Multi Frequency) 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 enter a number to remotely access Voice mail messages.

Sending DTMF during a call

1. Enter digits ([**0**] - [**9**], [✱] or [#])

OR

If you stored a DTMF sequence in a Contacts card,

1. [▭] (Options) → [▲/▼] to scroll to **Send DTMF** → [◉]/[▭] (Select)
2. [▭] (Find) → Select the desired entry

Dialling or storing DTMF sequences

1. Enter the access phone number
2. Before entering the DTMF digits, [✱] repeatedly to scroll through *, **+**, **p** and **w** characters to insert:

p	A short pause before the digits are transmitted.
w	A manual wait period that requires you to press [▭] (Send) during the call to transmit the digits.
+	Send a DTMF sequence stored in a speed dial location (see “Speed dial” on page 59).

3. Enter the DTMF digits, e.g. the access codes for your voice mailbox
4. To dial: [↘] to immediately dial call,

   To store in your Contacts: [▭] (Options) → [▲/▼] to scroll to **Add to Contacts** → [▶] → [▲/▼] to scroll to **Create new** or **Update existing** → [◉]/[▭] (Select)

   See “Contacts” on page 66 for further operation.

Making a second call

You can make another call while on a call.

During a call:

1. [▭] (Options) → [▲/▼] to scroll to **New call** → [◉]/[▭] (Select) → Enter the second phone number
   OR
   [▭] (Find) to select a phone number from the Contacts list
2. [↘]
   The first call is put on hold.
3. [↘] to switch between the two calls if required

Multiple calls operations

In-call options (while on multiple calls)

While on more than one call, the following options are available by [▭] (Options).

Swap	Switch between one active and one held call.
Transfer	Transfer an active call to a call on hold. You can connect the two parties in to a conversation and disconnect yourself from them.
Conference	See “Conference” on page 35.
End all calls	End all calls at once.

Other operations while on multiple calls

To end a held call and continue with the active call: [0] → [↘]
To end the active call and continue with the held call: [↗] OR [1] → [↘]
To end all calls and data connections: Press and hold [↗]
To switch between one active and one held call (Swap): [↘]

Conference

You can have a conversation with up to 5 different parties at the same time.

During a call (one active call and one call on hold):

1. [▭] (Options)
2. [▲/▼] to scroll to **Conference** → [◉]/[▭] (Select)
   The 2 calls are joined into a Conference call.

To add new participants:

During a Conference call:

1. Call the next person or answer an incoming call
   See "Making a second call" on page 34 or "Answering a second call" on page 29.
2. [▭] (Options)
3. [▲/▼] to select **Conference** → [▶]
4. [▲/▼] to scroll to **Add to conference** → [◉]/[▭] (Select)

Options

During a Conference call, the following options are available.

1. [▭] (Options) → [▲/▼] to scroll to **Conference** → [▶]
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Add to conference	Add new participants or return Private call to Conference call.
Private	Have a private conversation with one of parties. The remaining callers can continue with the Conference call. Select **Swap** to switch between the Private call and the Conference call. Select **Add to conference** to return Private call to Conference call.
Drop participant	Select the desired party to drop from the Conference call.

Text Entry

Your phone provides three text entry modes to enter characters.

Alpha mode	**Multi-tap mode**	A traditional way to type in a letter. Press a key several times until the required letter appears.
	Dictionary mode (T9®)	A predictive text entry system. You can enter a word with fewer key press.
Number mode	**123**	You can enter numbers (0-9), * and #.

Selecting a Writing language

To change the writing language, see **Writing language** setting on page 38.

Selecting a text mode

An icon on the upper right corner of the screen shows the current text mode and letter case.

To change the letter case mode: Press [#] repeatedly until the icon for the desired mode appears

Icon	T9Abc	T9abc	T9ABC*1	Abc	abc	ABC*1
Dictionary	On			Off		
Letter case	Auto	Lower case	Upper case	Auto	Lower case	Upper case

*1 Available only after alphabetical letters.

To toggle between Alpha mode and Number mode: Press and hold [#]

Auto capital change

When the letter case is auto (T9 Abc and Abc), the first character is input as upper case and subsequent letters as lower case. Enter one of the following characters [. (Period) ! ? ¡ ¿], the next character is input as upper case.

T9® Text input method

The T9® text input method enables you to enter text faster and easier. You only need to press a key once for any letter you require on that key. The program searches its built-in dictionary to predict the word that most closely matches your key presses.

1. In text entry screen, press a key once for any letter you require on that key
2. Continue pressing other keys until the end of a word is reached
3. [✱] repeatedly until the correct word is displayed
4. If the desired word is not in the dictionary, "?" is displayed after the word.
   [▭] (Spell) → Enter the correct word → [◉]/[▭] (OK)
   The word will be added to its built-in dictionary automatically.

For example, to enter "Hello!", press keys as follows.

Key	[4]	[3]	[5]	[5]	[6]	[1]	[✱] x 4
Display	I	He	Hel	Hell	Hello	Hello.	Hello!

Displaying word matches

You can also choose the desired word from all the word matches.

1. While the word is underlined, [✎]
2. [▲/▼] to scroll to **Dictionary** → [▶]
3. [▲/▼] to scroll to **Matches** → [◉]/[▭] (Select)
4. [▲/▼] to scroll to the desired word → [◉]/[▭] (OK)

Adding words to the internal dictionary

1. In text entry screen, [✎]
2. [▲/▼] to scroll to **Dictionary** → [▶]
3. [▲/▼] to scroll to **Insert word** → [◉]/[▭] (Select)
4. Enter a word → [◉]/[▭] (OK)

Editing text

Move the cursor by pressing [▲/▼/◀/▶] to the position you want to insert or delete a letter. To delete a character, press [C].

To cut/copy/paste text

1. [▲/▼/◀/▶] to move to the left of text you wish to cut or copy
2. While holding down [✎], press [▶] to highlight the text
3. [✎] → [▲/▼] to scroll to **Cut** or **Copy** → [◉]/[▭] (Select)
4. [▲/▼/◀/▶] to move to a new desired location
5. [✎] → [▲/▼] to scroll to **Paste** → [◉]/[▭] (Select)

Edit key options

When entering text, the following options are available.

1. [✎]
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Dictionary >	Select **Matches** to show all the word that match your key presses. Select **Insert word** to add a highlighted/underlined word to the dictionary. Select **Edit word** to correct an underlined word. Select **On**/**Off** to turn on or off the predictive dictionary.
Number/Alpha mode	Toggle between **Alpha mode** and **Number mode**.
Cut/Copy/Paste	**Cut**, **Copy** or **Paste** text.
Insert symbol	Show the Symbol list from which you can select any symbol available on your phone.
Writing language	Select a language you wish to write in.

The following table shows characters available on your phone. The characters vary depending on the **Writing language** setting.

Key	Text mode (Writing language: English)		
	Alpha mode		Number mode
	Dictionary (T9®) (T9abc, T9Abc or T9ABC)	Multi-tap (abc, Abc or ABC)	
[0]	Space 0 ↵ (Linefeed)		0
[1]	. , - ? ! ' @ : ; / 1	. , ? ! 1 @ ' - _ ( ) : ; & / % ✱ # + < = > " $ £ § ¥ ¤ ¡ ¿	1
[2]	A B C 2 (a b c 2)	A B C 2 Ä Æ À Á Â Ã Ç (a b c 2 ä æ å à á â ã ç)	2
[3]	D E F 3 (d e f 3)	D E F 3 È É Ê Ë Ð (d e f 3 è é ê ë ð)	3
[4]	G H I 4 (g h i 4)	G H I 4 Ì Í Î Ï (g h i 4 ì í î ï)	4
[5]	J K L 5 (j k l 5)	J K L 5 £ (j k l 5 £)	5
[6]	M N O 6 (m n o 6)	M N O 6 Ö Ø Ò Ó Ô Õ Ñ (m n o 6 ö ø ò ó ô õ ñ)	6
[7]	P Q R S 7 (p q r s 7)	P Q R S 7 $ (p q r s 7 ß $)	7
[8]	T U V 8 (t u v 8)	T U V 8 Ù Ú Û Ü (t u v 8 ù ú û ü)	8
[9]	W X Y Z 9 (w x y z 9)	W X Y Z 9 Ý Þ (w x y z 9 ý þ)	9
[✱]	. , ' ? ! " - ( ) @ / : _ ; + & % * = < > £ € $ ¥ ¤ [ ] { } \ ~ ^ ¡ ¿ § # | ␣ (Space) ↵ (Linefeed)		✱ + p w
[#]	Changes text mode		#
	(Press and hold) Toggle between **Alpha mode** and **Number mode**		
[✎]	Options (See “Edit key options” on page 38.)		

Shortcut: To enter numbers while in **Alpha mode**, press and hold the desired number key [**0**] - [**9**].

Settings

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Ringtones

Ringtone profiles are set up for use in different environments to alert you to calls and messages. Choose from **General**, **Silent**, **Meeting**, **Outdoor**, and **Pager**.

Note: Free contents are available for your X800 phone. For downloading information, visit www.panasonicbox.com. Availability of this service is dependent on your country/region or network. The downloaded contents are free, however there will be a communication fee to download.

Activating a ringtone

Main menu > **Settings** > **Ringtones**

1. [▲/▼] to scroll to the desired ringtone → [◉]/[▬] (Options)
2. [▲/▼] to scroll to **Activate** → [◉]/[▬] (Select)

Changing ringtones/alert tones/volume

You can change or personalise individual settings within a ringtone.

Main menu > **Settings** > **Ringtones**

1. [▲/▼] to scroll to the desired ringtone → [◉]/[▬] (Options)
2. [▲/▼] to scroll to **Personalise** → [◉]/[▬] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Ringing tone	Choose the desired tone. To hear the tone, highlight the tone name and wait. To stop the tone, press any key. If you have subscribed to 2 lines, then a setting appears for each line.
Ringing type	Choose **Ringing**, **Ascending**, **Ring once**, **Beep once** or **Silent**.
Ringing volume	[◀/▶] to move the volume bars.
Message alert tone	Follow the operation of **Ringing tone**.
Vibrating alert	Select **On** or **Off**.
Keypad tones	Select **Off**, **Level 1**, **Level 2** or **Level 3**.
Warning tones	Select **On** or **Off**.
Alert for	If you have set up Contacts groups, select the desired group name if you want the phone to ring only when members of that group call. Other incoming calls will have the silent alert.
Profile name	Change the name of any ringtone except **General**.

Note: Ringtones and alert tones play only when the phone's current ringtone is **General** or **Outdoor**. The other ringtones mute playing of ringing tones.

Themes

Change the visual look of your phone screens.

Activating a theme

Main menu > **Settings** > **Themes**

1. [▲/▼] to scroll to the desired theme → [◉]/[▬] (Options)
2. To apply: [▲/▼] to scroll to **Apply** → [◉]/[▬] (Select)
   To preview and apply: [▲/▼] to scroll to **Preview** → [◉]/[▬] (Select) → [▬] (Apply)
3. [▬] (Yes) or [▬] (No)

Changing wallpaper/screen saver

Change the background image of the standby screen or Favourites screen, the colour of bars and frame boxes, and the screen saver.

Main menu > **Settings** > **Themes**

1. To edit a current theme: [◉]/[▬] (Options)
   To edit a specific theme: [▲/▼] to scroll to the desired theme → [◉]/[▬] (Options)
2. [▲/▼] to scroll to **Edit** → [◉]/[▬] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Idle state wallpaper	Standby screen. Choose from **Default**, **User defined** (your own image from Gallery or downloaded), other themes, or **None**.
Colour palette	Choose from the default colour or other listed colours for common bars, icons, and frames.
Screen saver	Choose **Date and time** (**Default**), or **Text** (write your own text message).
Icons	Choose from a list of theme set of icons.

Favourites wallpaper	Favourites. Choose from **Default**, **User defined** (your own image from Gallery or downloaded), other themes, or **None**.

Note: When the copy option appears, you can copy themes from the phone memory to the miniSD Card or in reverse.

Downloading new themes

You can download themes directly from predetermined web sites without first going to the Browser application. These links are set by agreements with contents providers who offer the themes.

Main menu > **Settings** > **Themes**

1. [▭] (Options)
2. [▲/▼] to scroll to **Theme downloads** → [◉]/[▭] (Select)
3. Continue with step 2 in “Downloading files from the Internet” on page 140

Note: Free contents are available for your X800 phone. See the **Note** on page 40 for further information.

Some links may be preset by contents providers and cannot be deleted.

Settings

Phone settings

Main menu > **Settings** > **Settings** > **Phone** > **General**

1. [▲/▼] to scroll to the desired setting → [◉]

Phone language	Choose a language in which the text on the displays will appear. Select **Yes**. The phone will restart in the language selected. **Automatic** uses the language dictated by the SIM card.
Writing language	Choose a language in which the texts you are writing will appear, e.g. writing a text message.
Dictionary	Select **On** to use the predictive text dictionary to speed up text entry.
Welcome note or logo	**Default** uses the welcome note or image supplied with the phone, displayed when the phone is switched on. Select **Text** to enter your own welcome note. Select **Image** to place an image from Media Gallery.
Shutdown animation	Select **Off** to stop the animation shown after switching off the phone.
Keypad Backlight Time	To save battery life, select **Always off** for the keypad backlight to remain off.
Orig. phone settings	Used if a network operator used settings protection in a phone, and later there is a reason to change the protected settings. Requires lock code.

Note: If **Phone language** and **Orig. phone settings** are changed while charging, the phone will restart in charging mode after selecting **Yes**. [⏻] to return to standby mode.

Display settings

Main menu > **Settings** > **Settings** > **Phone** > **Display**

1. [▲/▼] to scroll to the desired setting → [◉]

Brightness	[◀/▶] to adjust brightness, then [▭] (OK).
Screen saver timeout	[◀/▶] to choose from 1 minute to 30 minutes of no activity until screen saver switches on and [▭] (OK).

Standby mode settings

Choose an application name to display on the Left and Right Soft keys in standby mode to use as shortcuts to the respective applications.

Main menu > **Settings** > **Settings** > **Phone** > **Standby mode**

1. [▲/▼] to scroll to **Left selection key** or **Right selection key** → [◉]
2. [▲/▼] to scroll to the desired application → [◉]/[▭] (OK)

Call settings

Main menu > **Settings** > **Settings** > **Call**

1. [▲/▼] to scroll to the desired setting → [◉]

Send my caller ID*[1]	Choose **Set by network**, **Yes** or **No**. Determines if your mobile number is presented to the person you are calling.
Call waiting	Select **Check status**. If needed, select **Activate**. Network will send confirmation message. See “Answering a second call” on page 29.
Automatic redial	Select **On** to redial if the call is not connecting. [✂] to stop automatic redialling.
Summary after call	Select **On** to display a brief summary of duration of last call.

Speed dialling	Select **On** to start dialling by a press and hold of preset number key in standby mode. First, set up Speed dial keys (see “Speed dial” on page 59).
Anykey answer	Select **On** to answer incoming calls by pressing any key except [▭], [↷] or [⏻].
Active clamshell	Select **On** to answer a call by opening the flip clamshell and to disconnect phone calls by closing the flip clamshell. When set to **Off**, you must answer the incoming call by [↷]. Closing the flip clamshell switches the caller’s voice to the back loudspeaker and mutes your voice.
Line in use*2	You can have two different phone lines with the same SIM card. Select **Line 1** or **Line 2**.
Line change*2	You can disable selection of one of the phone lines. The PIN2 code is required to return use of a previously blocked line.

*1

*2 Available if you have subscribed to Alternative Line Service.

Connection settings

Access point settings

Your phone uses three main sets of access points: Multimedia (MMS), Browser, and Internet. Access points must be set up in order to send and receive multimedia and e-mail messages, use the Browser, SyncML and Device Manager, and use your phone as a modem.

Access points use data services to connect.

Some or all of your access points may be preset in the phone by your service provider and cannot be modified, but you may be able to add new access points. The access point configurations may be sent to you in a smart message by your service provider.

To view, edit, or add new access points, first you must obtain the configurations from your service provider to be entered into the phone.

Note: Types of data services your phone can support are: Data call (Circuit switched data) and GPRS (Packet data). Contact your service provider to find out about types of data technologies offered and subscription rates.

To view an access points list:

Main menu > **Settings** > **Settings** > **Connection** > **Access points**

indicates Data call, and indicates GPRS connection.

To add a new access point:

1. In the access points list, [▭] (Options)
2. [▲/▼] to scroll to **New access point** → [▶]
3. [▲/▼] to scroll to **Use default settings** or **Use existing settings** → [◉]/[▭] (Select)
4. If you select **Use existing settings**, [▲/▼] to scroll to the desired setting → [◉]/[▭] (Select)
5. Continue with step 3 in "To edit an access point:" on page 47

To edit an access point:

1. In the access points list, [▲/▼] to scroll to the desired access point → [▭] (Options)
2. [▲/▼] to scroll to **Edit** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]
4. Enter information in fields. Fields marked in the phone with a red asterisk (*) must have an entry. The bearer type you choose determines which fields are presented

*** Connection name**	Enter an easy-to-recall name if not assigned.
Data bearer	Select **GPRS** or **Data call**.
*** Dial-up number*[1]**	Enter access point dial-up phone number.

Access point name[*2]	Enter name supplied by service provider.
User name	Enter a user name, supplied by service provider, if required.
Prompt password	To have the phone ask for the password each time you log on, select **Yes**.
Password	Enter password, supplied by service provider, if required.
Authentication	Select **Normal** or **Secure**.
Homepage	Enter Internet web address of service.
Data call type[*1]	Determined by your mobile and Internet service providers.
Maximum data speed[*1]	Choose a limit for your connection speed if you are charged more for higher speeds.

*1 Available only for Data call.

*2

Advanced settings:

1. From main fields, [▭] (Options)
2. [▲/▼] to scroll to **Advanced settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Phone IP address	Enter IP address assigned to your phone, if static or dynamic. Service provider determines if IP address is static or dynamic.
Primary name server	Enter the primary domain name server IP address.
Second. name server	Enter the secondary domain name server IP address.
Proxy serv. address	Enter the proxy server address for access point.

Proxy port number	Enter the proxy port number for access point.
Use callback[*1]	Select **Yes** to use dial back servers.
Callback type[*1]	Select **Use server no.** for callback, or **Use other no**.
Callback number[*1]	Enter the phone number the callback server should use.
Use PPP compression[*1]	Select **Yes** to use PPP (Point-to-Point Protocol) compression.
Use login script[*1]	Select **Yes** to use login script defined in Login script field.
Login script[*1]	Enter the login script to be used.
Modem initialisation[*1]	If desired, enter a modem initialisation string (AT command string).

[*1] Available only for Data call.

Note: If your service provider has protected some of your settings, you may not be able to modify them.

GPRS settings

Main menu > **Settings** > **Settings** > **Connection** > **GPRS**

1. [▲/▼] to scroll to **GPRS connection** or **Access point** → [◉]

GPRS connection	Choose **When needed** to connect to GPRS service only when you open an application that uses GPRS. After you close the application, GPRS service will disconnect. Choose **When available** to stay continuously connected when you are in a GPRS service area, in which the GPRS icon replaces the signal strength icon.
Access point	Choose an access point supplied by your service provider to use the phone as a modem to enable GPRS connection from a computer.

Note: If you selected to attach to GPRS when available and are in an area without GPRS service, then the phone will attempt to connect to GPRS service periodically.

Data call settings

You can choose a time period to disconnect from the data call if there is no activity.

Main menu > **Settings** > **Settings** > **Connection** > **Data call**

1. [◉] to select **Online time**
2. [▲/▼] to scroll to **User defined** or **Unlimited** → [◉]
3. If **User defined** is selected, enter a time period → [◉]/[▭] (OK)

Date and time settings

Main menu > **Settings** > **Settings** > **Date and time**

1. Continue with step 2 in “Time and date” on page 57

Security settings

Phone and SIM

Your phone and SIM card have security codes to limit access to the phone. Keep a written record of your codes in a secure place.

Entering PIN code to use phone

The PIN and PIN2 codes (4 to 8 digits), issued by your service provider, protect your SIM card against unapproved use.

If you set PIN code request to **On**, then the PIN code must be entered each time the phone is turned on.

The PIN2 code is required to access certain service provider services such as Fixed dialling and Call costs. If the PIN2 code is blocked, use the PUK2 code to unblock.

Main menu > **Settings** > **Settings** > **Security** > **Phone and SIM**

1. [▲/▼] to scroll to the desired setting → [◉]

Activate Phone PIN	Select **Yes** to require entry of PIN code each time the phone is switched on. Requires PIN code to activate.
PIN	To change PIN code, enter current PIN code, new PIN code twice, then [▭] (OK).
PIN2	To change PIN2 code, enter current PIN2 code, then new PIN2 code twice, then [▭] (OK).

Note: If PIN or PIN2 code is entered incorrectly 3 times, the SIM card locks. Contact your service provider for PUK or PUK2 code (PIN unblock key code). If the PUK or PUK2 code is entered incorrectly 10 times, the phone will not operate. All information stored in the SIM card is lost and the SIM card must be replaced.

Entering lock code to use phone

When the phone is locked, the lock code must be entered before the phone can be used. The phone lock icon indicates that the phone is locked.

You may be able to dial the local emergency number and accept incoming calls when the phone is locked.

Shortcut: To lock the phone, [ⓘ] and select **Lock phone**.

Main menu > **Settings** > **Settings** > **Security** > **Phone and SIM**

1. [▲/▼] to scroll to the desired setting → [◉]

Autolock period	Set the phone to lock after a time period of no activity. Select **User defined** to enter time period in minutes. Requires lock code to set.
Lock code	To change the lock code, enter the current lock code, then new lock code twice. Record the new code in a safe place. The preset lock code is 12345.

Lock if SIM changed	To prevent the phone from being used if an unknown SIM card is inserted, select **Yes**.

Note: If you change the lock code then cannot recall it, your service provider cannot identify the code. The phone must then be reset at an authorised service centre.

Fixed dialling and closed user group

Fixed dialling restricts outgoing calls to “fixed numbers” contained in SIM cards that support this feature. When switched on, dialling any number not on the Fixed dialling list is not allowed.

The PIN2 code is required to set up and use this feature.

Some service providers offer **Closed user group** feature, which allows the phone to make and receive calls only from specific groups. The groups are set up with your service provider at time of subscription purchase.

Main menu > **Settings** > **Settings** > **Security** > **Phone and SIM**

1. [▲/▼] to scroll to the desired setting → [◉]

Fixed dialling	Enter PIN2 code. [▭] (Options) and select **New contact** or **Add from Contacts** to create the Fixed dialling list. [▭] (Options) and select **Activ. fixed dialling** to activate the service.
Closed user group	Select **Default** to activate the service to the default group previously set up with your service provider. Select **On** to activate another group set up previously.
Confirm SIM services	Select **Yes** to view confirmation messages sent between your phone and the network when you are using SIM application tool kit services.
Delete server	Reset the current trusted provisioning server settings. Contact the service provider to receive the new settings.

Certificate management

Certificates are attachments to electronic messages used to verify senders and recipients of data over nonsecure networks, such as e-mail servers or the Internet.

Authority certificates are downloaded to your phone and are used to check server certificate signatures and to guarantee that the certificate is issued by a certification authority (CA).

Personal certificates are issued to you by a certification authority.

Certificates are valid for only a fixed time period and must be renewed periodically. To renew, contact the certificate issuer.

Before downloading or sending confidential information, check the digital signature and validity period of the browser gateway or server on the certificate.

Viewing certificates

Main menu > **Settings** > **Settings** > **Security** > **Certif. management**

1. [▲/▼] to scroll to the desired authority certificates → [◉]
2. [▼] to scroll to view personal certificates if available

Trust settings

Check whether certain applications (Browser, Application manager, or Internet) can use a selected certificate.

Main menu > **Settings** > **Settings** > **Security** > **Certif. management**

1. [▲/▼] to scroll to an authority certificate → [▭] (Options)
2. [▲/▼] to scroll to **Trust settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉] to select **Yes** or **No**

Note: Before you change any trust settings, be sure that you trust the certificate owner and have verified that the certificate belongs to the listed owner.

Call divert

Divert incoming calls (voice, data) to another number.

Activating/cancelling Call divert

Main menu > **Settings** > **Settings** > **Call divert**

1. [▲/▼] to scroll to **All voice calls**, **If busy**, **If not answered**, **If out of reach**, **If not available**, **All fax calls** or **All data calls** → [◉]/[▬] (Options)
2. [▲/▼] to scroll to **Activate** or **Cancel** → [◉]/[▬] (Select)
   (If **Activate** is selected, go to the next step.)
3. [▲/▼] to scroll to **To voice mailbox** or **To other number** → [◉]/[▬] (OK)
   (If **To other number** is selected, go to the next step.)
4. Enter the phone number → [◉]/[▬] (OK)
   You can go to your Contacts to select a number by pressing [▬] *(Find).*
   Network will send confirmation message.

To check the status:
[◉]/[▬] (Options) → [▲/▼] to scroll to **Check status** → [◉]/[▬] (Select)

To cancel all call diverts:
[▬] (Options) → [▲/▼] to scroll to **Cancel all diverts** → [◉]/[▬] (Select)

Note: If either **If not answered** or **If not available** is selected in step 1, then after step 3 or 4, select a **Delay time** from the list before calls will be diverted.

Call barring

Call barring restricts certain types of incoming and/or outgoing calls, using a password furnished by your service provider.

Activating/cancelling Call barring

Main menu > **Settings** > **Settings** > **Call barring**

1. [▲/▼] to scroll to **Outgoing calls**, **International calls**, **International calls except to home ctry.**, **Incoming calls** or **Incoming calls when abroad** → [◉]/[▬] (Options)
2. [▲/▼] to scroll to **Activate** or **Cancel** → [◉]/[▬] (Select)
3. Enter Barring password → [◉]/[▬] (OK)
   Network will send confirmation message.

To check the status:

[◉]/[▬] (Options) → [▲/▼] to scroll to **Check status** → [◉]/[▬] (Select)

To cancel all call barrings:

[▬] (Options) → [▲/▼] to scroll to **Cancel all barrings** → [◉]/[▬] (Select) → Enter Barring password → [◉]/[▬] (OK)

Changing Call barring password

Main menu > **Settings** > **Settings** > **Call barring**

1. [▬] (Options)
2. [▲/▼] to scroll to **Edit barrings passw.** → [◉]/[▬] (Select)
3. Enter the password furnished by your service provider → [◉]/[▬] (OK)
4. Verify the new password → [◉]/[▬] (OK)

Network settings

Selecting a network

Set your phone to automatically or manually search for another network when roaming.

Note: National regulations may not permit roaming in your home region.

Main menu > **Settings** > **Settings** > **Network** > **Operator selection**

1. [▲/▼] to scroll to **Automatic** or **Manual** → [◉]/[▭] (OK)
2. If **Manual** is selected, select a network from the list → [◉]

Using a micro cellular network

When the phone is using a micro cellular network (MCN), a MCN indicator can be displayed in standby mode.

Main menu > **Settings** > **Settings** > **Network** > **Cell info display**

1. [◉] to switch **On** or **Off**

Enhancement settings

Customise your phone to be used with a headset or Bluetooth headset enhancement attached.

Main menu > **Settings** > **Settings** > **Enhancement** > **Headset** or **BT Accessory**

1. [▲/▼] to scroll to the desired setting → [◉]

Default ringtones	Choose the desired ringtone. (See “Ringtones” on page 40.)
Automatic answer	Select **On** to answer calls automatically.

Enhancement in use

Select which enhancement is attached to the phone.

Main menu > **Settings** > **Settings** > **Enhancement** > **Enhancement in use**

1. [▲/▼] to scroll to **Headset** or **BT Accessory** → [◉]/[▭] (OK)

   When the Bluetooth setting is activated, the enhancement setting automatically changes to **BT Accessory** *enhancement setting. When the BT Accessory enhancement is removed, the enhancement setting reverts to* **Headset**.

Clock

Time and date

Main menu > **Settings** > **Clock**

1. [◉]/[▭] (Options) → [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
2. [▲/▼] to scroll to the desired setting → [◉]

Time	Either type in numbers or [▲/▼] to enter time. [◀/▶] to move among fields.
Date	Enter date using the same method as time entry.
Date format	Select format where dd = date, mm = month, yyyy = year.
Date separator	Choose from symbols [. : / -].
Time format	Choose **12-hour** or **24-hour**.
Time separator	Choose symbols [:] or [.].
Clock type	Choose **Analogue** or **Digital**.
Clock alarm tone	Choose the desired tone. To hear the tone, highlight the tone name and wait. To stop the tone, press any key.

Auto time update[*1]	Select **On** to update time from the network. If the setting is changed while charging, the phone will restart in charging mode after selecting **Yes**. [⏻] to return to standby mode.
GMT offset[*2]	If **Auto time update** is not available, select a time zone, which is offset to GMT time (e.g. +05:00 or -05:00).
Daylight-saving[*2]	Select **On** to add an offset of +01:00 to the current GMT time.

*1

*2 Available only if **Auto time update** is set to **Off**.

Alarm

To set the alarm:

Main menu > **Settings** > **Clock**

1. [●] / [▬] (Options) → [●] / [▬] (Select) to select **Set alarm**
2. Enter alarm time by either typing in numbers or [▲ / ▼] [◀ / ▶] to move among fields → [●] / [▬] (OK)

To reset/remove the alarm:

Main menu > **Settings** > **Clock**

1. [▬] (Options)
2. [▲ / ▼] to scroll to **Reset alarm** or **Remove alarm** → [●] / [▬] (Select)
3. If you select **Reset alarm**: Enter new alarm time → [●] / [▬] (OK)

   If you select **Remove alarm**: [●] / [▬] (Yes)

To turn off alarm:

1. [▬] (Stop)

   The alarm is deleted. If you wish to have an alarm for the next day, set the alarm again.

To quiet the alarm indicators for 5 minutes:

1. [▭] (Snooze) or any key

   The alarm rings at 5 minute interval (maximum 5 times).

Note: The alarm works even when the phone is switched off. If you press [▭] (Stop) to turn off the alarm, you are asked if you wish to switch the phone on. Do not press **Yes** to switch the phone on when you are in an aircraft, near sensitive medical equipment, at a refuelling point or when it may cause interference of danger.

Speed dial

Set the phone to quickly dial frequently called numbers by pressing 2 keys.

Assigning a speed dial number

Main menu > **Settings** > **SpeedDial**

1. [▲/▼/◀/▶] to scroll to a number → [◉]/[▭] (Options)
2. [◉]/[▭] (Select) to select **Assign**
3. [▲/▼] to scroll to the desired Contacts card → [◉]/[▭] (Select)
4. [▲/▼] to scroll to the desired number → [◉]/[▭] (Select)

To change/remove/view speed dial numbers:

After step 1, [▲/▼] to scroll to **Change**, **Remove** or **View number** → [◉]/[▭] (Select)

Note: Location number 1 may be reserved for voice mailbox number.

If a digit is replaced by an icon, then the corresponding key has been reserved by your service provider to dial a special number, e.g. to dial the voice mailbox number.

Calling a speed dial number

In standby mode:

1. Press the corresponding number key [2] - [9] → [↘]
   OR
   Main menu > **Settings** > **SpeedDial**
   [▲/▼/◀/▶] to scroll to the desired number → [↘]

Note: If **Speed dialling** setting is set to **On** (see page 46), just press and hold the desired speed dial number key to start dialling in standby mode.

Voice commands

You can make a call, look up contact information in your Contacts list, or open an applications by using voice commands.

Note: If your phone is set to a language that is not available in Voice commands, you can record voice tags to say that will dial numbers. (See "Voice tags" on page 63.)

Voice Dial

1. Press and hold [↘]
2. After hearing "Say a command", say "Voice Dial"
3. After hearing "Say the name or number":

   To dial by name, say the full name of a person in your Contacts list, including first name and last name.

   To dial by number, say the digits of the phone number you wish to dial, without pausing between digits.

   The name or number is repeated, and the phone will begin dialling.

Note: If the name has more than one number in the Contact entry, say the title of the desired number.

If the phone is not sure of the number, it displays a list of choices and prompts "did you say...?" and states the first choice.

If the number is correct, say "Yes". If the number is not correct, say "No" to hear the next possible match, or scroll and select the correct number on the list.

Name lookup

1. Press and hold [↘]
2. After hearing "Say a command", say "Name Lookup"
3. After hearing "Say the name", say the full name of a person in your Contacts list, including first name and last name
   The Contact entry appears on the screen.

Opening application

1. Press and hold [↘]
2. After hearing "Say a command", say "Open", then say the name of the application, e.g. "Messages"
   The application opens.

Voice commands settings

1. Press and hold [↘]
2. After hearing "Say a command", [▭] (Settings)
3. [▲/▼] to scroll to the desired setting → [◉]/[▭] (Select)

Digit Dialling	To help the phone recognise the numbers you are saying, open **Select Location** and choose a geographic location for the phone to recognise only numbers that are valid in that location. Automatic chooses a location based on the phone language setting. If the phone cannot consistently recognise numbers that you are saying, select **Adapt Digits** to make recordings to teach the system your voice. Select **Reset Digits** to restore the original recognition software.
Sensitivity	If the phone cannot recognise most of your commands, change sensitivity toward Reject Less. If the phone recognises too many mismatches, change sensitivity toward Reject More. Select **Commands** or **Names**. Then [▲/▼] to change the setting.
Choice Lists	Choose whether the phone presents choices when the phone does not recognise your command.
Sound	Switch on or off the playback of prompts, names and digits. Select Name Settings to change the speed or volume of name playback.
Language	Choose from the list of languages that the software will use for audio prompts, text screens, and your voice recognition.
Application Launcher	Check to select applications from the list to open using Open Applications.
Contacts Update	Each time Voice commands is opened, it checks your Contacts list for name additions or edits, and if so, automatically reloads the list. If the list is large, the reload requires more time. Select Configure to choose Automatic or Manual reloading.
About	Copyright information about the voice recognition software.

Voice tags

When your phone is set to a language that is not available in Voice commands, Voice tags allows you to record names and related phone numbers and store them in memory. That you can dial these numbers using Voice commands.

Note: Voice tags appears only when your phone is set to a language that is not available in Voice commands.

Recording voice tags

1. Press and hold [↘]
   If you are using this feature for the first time, the phone displays a message that no voice tags are recorded.
2. [◉] / [▭] (OK) to select **Add voice tag**
3. After the text prompt to say a name, say a name that you will say each time you wish to call this person
   The phone will repeat the name.
4. To confirm: [▭] (Yes)
   To record it again: [▭] (No)
5. After you have confirmed, enter the number to dial → [▭] (OK)

Dialling a number using a voice tag

1. Press and hold [↘]
2. After the text prompt asking who you would like to call, say a name of a voice tag you have recorded
   The phone will begin dialling the number assigned to the voice tag.

Adding/editing voice tags

You can store up to 30 voice tags, and edit or erase voice tags as needed.

To add a voice tag:

1. Press and hold [↘] → [▬] (Settings)
   A list of voice tag phone numbers displays.
2. [◉]/[▬] (Select) to select **Add voice tag**
3. Continue with step 3 in “Recording voice tags” on page 63

To edit a voice tag:

1. Press and hold [↘] → [▬] (Settings)
   A list of voice tag phone numbers displays.
2. [▲/▼] to scroll to the desired voice tag phone number to edit → [◉]/[▬] (Select)
3. [▲/▼] to scroll to **Play**, **Re-record**, **Erase** or **Erase all** → [◉]/[▬] (Select)

PrintBoy setup

PrintBoy setup works with your Quickoffice menu to print your Quickoffice documents wirelessly from your phone to supported printers.

Main menu > **Settings** > **PB Setup**

On the **Drvrs** tab is a list of supported printer drivers.

1. [▲/▼] to scroll to the desired printer → [▭] (Options)
2. [▲/▼] to scroll to **Configure** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Communications	Select the method to send data to the printer.
Paper Size	Choose a paper size.
Left Margin	Choose desired left margin measurement.

4. After the printer is configured, [▭] (Options)
5. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Test Print	Send a test print.
Bluetooth >	Select **Find Printer** to pair with the printer.

To set a printer as default:

[◀/▶] to scroll to **Drvrs** tab → [▲/▼] to scroll to the desired printer → [▭] (Options) → select **Set As Default**

About

View copyright information about the phone and software used on the phone.

Main menu > **Settings** > **About**

Creating new Contacts cards

Main menu > **Contacts**

1. [▭] (Options)
2. [▲/▼] to scroll to **New contact** → [◉]/[▭] (Select)
3. Enter information in main fields **Last name**, **First name**, **Company**, **Job title**, **Telephone**, **Mobile**, **Fax** and **E-mail**
4. [▭] (Done)

Options

From main fields, the following options are available by [▭] (Options).

Add thumbnail	Place a picture from your Images folder into the card.
Add detail/ Delete detail	Choose the desired fields and icons from the list including Job title, Telephone, Tel. (home), Tel. (business), 3 mobile, 3 fax, pager number, 3 E-mail fields, 3 Web addresses, 3 street address fields, DTMF, Birthday, and Note.
Edit label	Change the field name.

Storing contacts from Recent calls list

See **Add to Contacts** setting on page 159.

Editing Contacts cards

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [▭] (Options)
2. [▲/▼] to scroll to **Edit** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired field and enter the data
   To add more information, see “Options” on page 66.
4. [▭] (Done)

Assigning default number to dial

You can set a particular phone number or address that the phone will use each time you wish to call or write messages to that person.

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [◉]
2. [▭] (Options)
3. [▲/▼] to scroll to **Defaults** → [◉]/[▭] (Select)
4. [▲/▼] to scroll to **Phone number**, **Text msg. number**, **MMS number/address** or **E-mail address** → [▭] (Assign)
5. [▲/▼] to scroll to the desired entry → [◉]/[▭] (Select)

To assign default numbers to other fields: Repeat steps 4 and 5
To remove a default assignment: Select (**no default**) in step 5

Assigning a ringing tone

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [◉]
2. [▭] (Options)
3. [▲/▼] to scroll to **Ringing tone** → [◉]/[▭] (Select)
4. [▲/▼] to scroll to the desired tone → [◉]/[▭] (Select)
   To hear the tone, highlight the tone name and wait.

Assigning Speed dial

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [◉]
2. [▲/▼] to scroll to the phone number you wish to assign the speed dial key → [▬] (Options)
3. [▲/▼] to scroll to **Assign speed dial** → [◉]/[▬] (Select)
4. [▲/▼/◀/▶] to scroll to the desired number key → [▬] (Assign)

   A short beep sounds and ( ) will appear in the phone number field.

To remove an existing speed dial key:

While highlighting the speed dial phone number field in the desired Contacts card:

1. [▬] (Options)
2. [▲/▼] to scroll to **Remove speed dial** → [◉]/[▬] (Select)

For further details, see “Speed dial” on page 59.

Going to web address

If a Contacts card contains a web address, you can launch the Browser and go directly to the web address.

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [◉]
2. [▬] (Options)
3. [▲/▼] to scroll to **Go to web address** → [◉]/[▬] (Select)

SIM directory

The SIM directory shows you the names and numbers stored on your SIM card. Your service provider can program their service numbers, your mobile phone number and other numbers into your SIM card. Unlike a Contacts entry, a SIM directory entry consists of only one name and one phone.

Creating new SIM directory entries

Main menu > **Contacts**

1. [◀/▶] to switch to **SIM directory** tab → [▭] (Options)
2. [▲/▼] to scroll to **New SIM contact** → [◉]/[▭] (Select)
3. Enter name and number → [▭] (Done)

Copying numbers to SIM directory

Main menu > **Contacts**

1. [▲/▼] to scroll to the required card → [▭] (Options)
2. [▲/▼] to scroll to **Copy to SIM direct.** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired phone number field to copy → [◉]/[▭] (OK)

   If you select **All***, the phone creates a separate SIM directory entry for each phone number stored with that Contacts entry name.*

Copying SIM entries to Contacts

Main menu > **Contacts**

1. [◀/▶] to switch to **SIM directory** tab
2. [▲/▼] to scroll to the required card → [▭] (Options)
3. [▲/▼] to scroll to **Copy to Contacts** → [◉]/[▭] (Select)

Note: The first time Contacts is opened after a different SIM card is placed in the phone, [▭] (OK) if you wish to copy SIM contacts into the Contacts memory.

Options

In **SIM directory** tab, the following options are available by [▭] (Options).

Call/Edit/Delete	Call/edit/delete the highlighted entry. Numbers stored by your service provider cannot be edited/ deleted.
Copy to Contacts	Copy the highlighted SIM entry to your Contacts list.
My numbers	View your own phone numbers.
SIM details	View the number of used and free SIM entries.

Using Contacts

Finding a Contacts card

Main menu > **Contacts**

1. [◀/▶] to switch to **Contacts** tab or **SIM directory** tab
2. [▲/▼] to scroll to the desired entry
   OR
   Enter the first letter of the desired entry in
   Entries beginning with that letter will be displayed. [▲/▼] to scroll to the desired entry if required.
3. To open the entry, [◉]

Dialling from a Contacts card

1. Complete the step 1-2 in “Finding a Contacts card” on page 70
2. [↘]
3. If the entry contains more than one number, [▲/▼] to scroll to the desired number → [◉]/[▭] (Call)

Managing Contacts list

Main menu > **Contacts**

1. [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Call/Edit/Delete/ Duplicate	Call/edit/delete/duplicate the highlighted entry.
Create message >	Select **Text message**, **Multimedia message** or **E-mail** to create a new message addressed to the highlighted Contacts entry.
Add to group	Add the highlighted Contacts entry to a group.
Belongs to groups	See if the highlighted Contacts entry belongs to a group.
Mark/Unmark	See “Mark/Unmark” on page 25 to select more than one entry.
Copy to SIM direct.	Copy the highlighted Contacts entry to the SIM directory.
Send >	See “Sending a Contacts card” on page 71.
Contacts info >	View the number of cards, groups used and amount of memory used.
Settings*1	Open the **Name display** field to sort the list either by **Last name first** or **First name first**.

*1 Not available if the phone contains Chinese language.

Sending a Contacts card

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contact entry → [▭] (Options)
2. [▲/▼] to scroll to **Send** → [▶]

3. [▲/▼] to scroll to **Via text message**, **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▬] (Select)
   See each sending feature for further operations.

Note: Before sent by messaging or to another device, the Contacts card is converted to an electronic business card format known as vCard.

Service numbers

If your service provider has stored service numbers on your SIM card, you can view and call the service numbers.

Main menu > **Contacts**

1. [▬] (Options)
2. [▲/▼] to scroll to **Service numbers** → [◉]/[▬] (Select)

Groups

Place Contact entries into one group. Select the group name when addressing a new message, and your message is sent to each member of the group.

Creating new groups

Main menu > **Contacts**

1. [◀/▶] to switch to Groups tab → [▬] (Options)
2. [◉]/[▬] (Select) to select **New group**
3. Enter a group name → [◉]/[▬] (OK)
4. [◉] → [▬] (Options)
5. [◉]/[▬] (Select) to select **Add members**
6. [▲/▼] to scroll to the desired Contacts card → [◉]
   If you wish to select more than one Contacts cards, repeat this step.
7. [▬] (OK)

To remove the member from the group:

In Groups tab:

1. [▲/▼] to scroll to the desired group → [◉]
2. [▲/▼] to scroll to the desired name → [▬] (Options)
3. [▲/▼] to scroll to **Remove from group** → [◉]/[▬] (Select)

Managing Groups

Main menu > **Contacts**

1. [◀/▶] to switch to Groups tab
2. [▲/▼] to scroll to the desired group → [▬] (Options)
3. [▲/▼] to scroll to the required option → [◉]/[▬] (Select)

Open	View group.
Delete	Delete group.
Rename	Rename group.
Ringing tone	Choose the ringing tone.

Seeing if a person belongs to a group

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [▬] (Options)
2. [▲/▼] to scroll to **Belongs to groups** → [◉]/[▬] (Select)

Adding a person to a group

Main menu > **Contacts**

1. [▲/▼] to scroll to the desired Contacts card → [▬] (Options)
2. [▲/▼] to scroll to **Add to groups** → [◉]/[▬] (Select)
3. [▲/▼] to scroll to the desired group → [◉]/[▬] (Add)

Messages

Messages menu structure

Voice mail .....74 **Messages 75**

Voice mail

The Voice mail service lets you access your voice mailbox. To listen to your voice messages, you must subscribe to Voice mail service through your service provider.

Listening to Voice messages

When you receive a new voice mail message, an alert sounds if ringtone is not set to Silent, and the Voice mail icon displays.

In standby mode:

1. Press and hold [1]

   OR

   [1] → [ ]
2. Follow the prompt to listen to your voice messages. If the phone asks for the voice mailbox number, enter the voice mail message centre phone number given to you by your service provider.

Changing the voice mailbox number

Main menu > **Messages** > **Voice mail**

1. [ ] (Options)
2. [▲/▼] to scroll to **Change number** → [●]/[ ] (Select)
3. Enter new voice mailbox number → [●]/[ ] (OK)

Messages

Messaging types

SMS	Short Message Service allows you to send and receive short text messages to mobile phones. A small black and white picture message can be inserted in the message.
MMS	Multimedia Messaging Service allows you to send messages containing images, video clips, sound clips and text. Presentation templates are available to place media objects into prearranged layouts.
E-mail	Create, send and receive e-mail messages, which can have attachments.
Smart messages	Messages containing data such as electronic business cards, ringing tones, Java. applications.

Before using messaging services

Your multimedia configuration settings may already be set by your service provider. If settings are not available, contact your service provider.

Your e-mail configuration settings are provided by an Internet Service Provider (ISP) that supports POP3/IMAP4/SMTP protocols.

Before you can send and receive e-mail, (1) you need a subscription for data services, (2) contract must be set up with an ISP, (3) you must configure an Internet access point (see “Access point settings” on page 46).

Messages menu

New message	Create new messages.
Inbox	Stores received messages except e-mail and cell broadcast.
My folders	Stores moved messages and templates.
Mailbox	Receives and stores e-mail messages.
Drafts	Stores unfinished messages.
Sent	Stores sent messages.
Outbox	Temporarily stores messages waiting to be sent.
Reports	Delivery status on text, multimedia, and smart messages.

In some main Messages options, icons indicate the message type.

Text message

Multimedia

E-mail

Smart

Bluetooth

Infrared

WAP push

Unknown

Attachment

Creating new messages

Before writing an e-mail message, at least one mailbox must be configured (see “Mailbox” on page 84).

Main menu > **Messages** > **Messages** > **New message** > **Text message** or **Multimedia message** or **E-mail**

1. In the **To** field,

   For text message: Enter recipient’s phone number

   For multimedia message: Enter recipient’s phone number or e-mail address

   For e-mail message: Enter recipient’s e-mail address

   To retrieve from Contacts card, see “To retrieve a recipient's number/ address from Contacts card:” on page 78.

   To separate multiple recipients in the To field: [#] to enter a semicolon(;)

2. **Text message/Multimedia message:** Go to step 3

   E-mail message: [▼] to move to **Cc** (courtesy copy) field if required → Enter recipients → [▼] to move to **Subject** field → Enter subject

3. [▼] to move to text entry → Enter text

   To insert the attachments, see “Insert options” on page 78.

4. [ ] to send

To retrieve a recipient's number/address from Contacts card:

1. In the **To** field, [◉]
2. [▲/▼] to scroll to the desired name → [▭] (OK)
3. If the entry has several numbers/addresses, [▲/▼] to scroll to the desired number/address → [◉]/[▭] (Select)

Note: If you use more than 160 characters for a text message, a new text message starts, but appears as one message or more at destination. You may be charged for more than one text message.

If multimedia messages are sent to devices without multimedia or e-mail capabilities, the recipient may receive a message containing a link to a web page.

Insert options

While creating a message, the following items can be inserted.
[▭] (Options) → [▲/▼] to scroll to **Insert** → [▶]

For text messages:

Picture	Picture msg. from Media Gallery.
Template	Select from a list of sentences in which you fill in the blank.

For multimedia message and e-mail message:

Image	Image from your Images folder.
Sound clip	Sound clip from Sound clips folder.
Video clip	Video clip from Video clips folder.
New image*1	New image from Camera.
New sound clip*1	New sound clip from Voice recorder.
Slide*1	Add new slide to message.
Note*2	Note from Notepad.

Template[*2]	Select from a list of sentences in which you fill in the blank.

[*1] Available only for multimedia message.
[*2] Available only for e-mail message.

Common writing tasks

To cut/copy/paste text: See “To cut/copy/paste text” on page 38.
To save before sending: [▄] (Close). Message is automatically stored in **Drafts** folder.
To view/add/remove attachments before sending: [▄] (Options) → [▲/▼] to scroll to **Attachments** → [◉]/[▄] (Select)
To match names in To and Cc fields to names in Contacts (E-mail only): [▄] (Options) → [▲/▼] to scroll to **Check contacts** → [◉]/[▄] (Select)

Creating presentation for multimedia message

Choose from four presentation templates to create an impressive multimedia show.

1. In text entry field, [▄] (Options)
2. [▲/▼] to scroll to **Create presentation** → [◉]/[▄] (Select)
3. [▲/▼] to scroll to the desired template → [◉]/[▄] (Select)
4. [▲/▼] to scroll to the video, text, or image region of the template to highlight it
5. If desired, [▄] (Options) → [▲/▼] to scroll to **Insert** → [▶]

Image	Image from your Images folder.
Sound clip	Sound to play at start of show.
Video clip	Video clip from your Video clips folder.
Note	Note from Notepad (if a text region is highlighted).
New image	New image from Camera.
New slide	Add new slide to show.

6. [▬] (Options) → [▲/▼] to scroll to the desired option → [◉]/[▬] (Select)

Send	Send completed presentation.
Full screen	Edit in full screen view.
Normal screen	Edit in normal screen view with signal icon, slide number, and soft key labels in view.
Edit text	Start or stop text editing, change text colour.
Preview message	Preview entire message before sending.
Remove >	Remove image, sound clip, video clip, or current slide.
Backgrnd. settings >	Set background colour, add background image to current slide or entire presentation, remove background image.
Effect settings >	Set transition effect between images and between slides.

7. [↘] to send

Receiving new messages

When you receive a new message, the standby screen displays a new message icon ✉ and a note indicating the number of new messages.

To read the message:

1. [▬] (Show)
2. If there is more than one message, [▲/▼] to scroll to the desired message header → [◉]/[▬] (Select)

Inbox

Inbox stores received text, multimedia, and smart messages. Incoming Bluetooth, Infrared, WAP push, SIM and Voice mail, e-mail waiting messages are also placed here.

Unread message icon

Read message icon

Reading/playing Inbox messages

Main menu > **Messages** > **Messages** > **Inbox**

1. [▲/▼] to scroll to the desired message header → [◉]
2. [▭] (Play) if needed for video clips, sound clips and presentation. [◀/▶] to adjust audio volume.

Replying to/forwarding/moving Inbox message

Main menu > **Messages** > **Messages** > **Inbox**

1. [▲/▼] to scroll to the desired message
2. To reply to/move: [▭] (Options)
   To forward: [◉] → [▭] (Options)
3. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Reply >	Select **To sender** or **To all***1. Complete the required entry, then [↘].
Move to folder	Choose a folder to move the highlighted message.
Forward	Complete the required entry, then [↘].

*1 Available only for multimedia messages.

Note: The phone may not allow you to copy, modify, transfer or forward some copyrighted images, ringtones and other content.

Saving attachment or data

Main menu > **Messages** > **Messages** > **Inbox**

1. [▲/▼] to scroll to the desired message → [◉]
2. [▬] (Options)
3. [▲/▼] to scroll to **Objects** → [◉]/[▬] (Select)
4. [▲/▼] to scroll to the desired attatchment → [▬] (Options)
5. [▲/▼] to scroll to **Save** → [◉]/[▬] (Select)
   You can save data to phone memory or miniSD Card.

Note: Received applications or games can be installed directly from the Inbox. When you open the message, the phone asks if you want to install it now.

An attachment or object remains in the Inbox after it is saved to another application. To save memory space, delete message from Inbox.

Finding phone number, e-mail or web address in message

Within received messages, you can find a phone number, e-mail or web address within message text and use it to call, write, access a service or create a Contacts card.

Main menu > **Messages** > **Messages** > **Inbox** or **My folder**

1. [▲/▼] to scroll to the desired message → [◉]
2. [▬] (Options)
3. [▲/▼] to scroll to **Find** → [▶]
4. [▲/▼] to scroll to **Phone number**, **E-mail address** or **Web address** → [◉]/[▬] (Select)
5. Text and numbers are highlighted when found. If more than one is found, scroll to highlight the desired item.
6. [◉] to **Send** a message, **Add to Contacts** to add or update Contacts, **Call** a number, **Go to web address** or **Add to bookmarks** to add web address to bookmarks

My folders

Store your messages and templates in My folders.

Creating a new folder

Main menu > **Messages** > **Messages** > **My folders**

1. [▭] (Options)
2. [▲/▼] to scroll to **New folder** → [◉]/[▭] (Select)
3. Enter a name for a new folder → [◉]/[▭] (OK)

Renaming/deleting a folder

Main menu > **Messages** > **Messages** > **My folders**

1. [▲/▼] to scroll to the desired folder → [▭] (Options)
2. [▲/▼] to scroll to **Rename folder** or **Delete** → [◉]/[▭] (Select)
3. If **Rename folder** is selected: Enter a name → [◉]/[▭] (OK)
   If **Delete** is selected: [◉]/[▭] (Yes)

Templates

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

Main menu > **Messages** > **Messages** > **My folders** > **Templates**

1. [▲/▼] to scroll to the desired template → [▭] (Options)
2. [▲/▼] to scroll to **Send** → [▶]
3. [▲/▼] to scroll to **Via text message**, **Via multimedia** or **Via e-mail** → [◉]/[▭] (Select)
   A new message opens with template text already placed.
4. Fill in needed information → [↘]

To add more templates while creating a message:
At cursor, [▭] (Options) → [▲/▼] to scroll to **Insert** → [▶] → [▲/▼] to scroll to **Template** → [◉]/[▭] (Select)

To create your own template text:

Main menu > **Messages** > **Messages** > **My folders** > **Templates**

1. [▭] (Options)
2. [▲/▼] to scroll to **New template** → [◉]/[▭] (Select)
3. Enter text, numbers or symbols as desired → [▭] (Done)

Mailbox (E-mail messages)

E-mail is received and stored in a separate mailbox. Before you can send or retrieve e-mail, you must first set up a mailbox. You can set up to 6 mailboxes.

Supported e-mail clients include a standard POP3, IMAP4, SMTP, MIME client. E-mail messaging takes place over CSD and GPRS bearer set using standard Internet e-mail protocols over TCP/IP.

Configuring Mailboxes

Main menu > **Messages** > **Messages**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to **E-mail** → [◉]
4. [▲/▼] to scroll to **Mailboxes** → [◉]
5. [▭] (Options)
6. [▲/▼] to scroll to **New mailbox** → [◉]/[▭] (Select)
7. Enter information in fields. Fields marked in the phone with a red asterisk (*) must have an entry.

Mailbox name	Use default name or enter a name for your mailbox.
*** Access point in use**	Choose from list of access points. (See “Access point settings” on page 46.)
*** My e-mail address**	Enter your own e-mail address.

*** Outgoing mail server**	Enter SMTP mail server address.
Send message	Choose **During next conn.** or **Immediately**.
Send copy to self	Select **Yes** or **No**.
Include signature	Select **Yes** to enter a signature for outgoing messages.
User name	Enter a name to log into service provider remote mailbox.
Password	Enter password.
*** Incoming mail server**	Enter address of incoming mail server (POP or IMAP), supplied by service provider.
Mailbox type	Select **POP3** or **IMAP4**.
Security	Select **Off** or **TLS** (Transport Layer Security). TLS ensures privacy. Determined by Internet service provider.
APOP secure login (POP3 only)	Select **On** to use authenticated POP log in, encrypts password.
Retrieve attachment (IMAP4 only)	Select **Yes** to automatically retrieve attachment when message is fetched.
Retrieve headers (IMAP4 only)	Select **All** to retrieve all message headers, or select **User defined** and type in a number to retrieve only the latest headers.

To edit/delete the mailbox:

While highlighting the desired mailbox name:

[▭] (Options) → [▲/▼] to scroll to **Edit** or **Delete** → [◉]/[▭] (Select)

Selecting mailbox name to use to send e-mail

See **Mailbox in use** setting on page 93.

If you have more than one mailbox and you start to write a new message, the phone notifies you of the mailbox name that is currently in use.

Retrieving e-mail

You can view your mailbox either online or offline. When you are online, you see your messages stored on the remote server. When you are offline, you see messages retrieved from the remote server to your phone, or message headers if not yet retrieved. IMAP4 protocol allows you to retrieve messages without attachments, so large memory files can remain in your online mailbox and not be stored in the phone.

You can mark as read or delete messages, or copy them to another folder and view message details when offline. Your mailbox is synchronised to the server when you go online.

When you receive a new e-mail message, a new message notice appears on the standby screen.

Main menu > **Messages** > **Messages** > **Mailbox**

1. [▭] (Options)
2. [▲/▼] to scroll to **Connect** → [◉]
3. Once you are connected, [▭] (Options)
4. [▲/▼] to scroll to **Retrieve e-mail** → [▶]
5. [▲/▼] to scroll to **New**, **Selected** or **All** → [◉]/[▭] (Select)
   See "Mark/Unmark" on page 25 to select more than one message.
   Once messages are retrieved, you can read them offline.
6. [▭] (Options) → [▲/▼] to scroll to **Disconnect** → [◉]/[▭] (Select)

Reading messages offline

Main menu > **Messages** > **Messages** > **Mailbox**

1. [▲/▼] to scroll to the desired message → [◉]

Editing an e-mail message

Main menu > **Messages** > **Messages** > **Mailbox**

1. [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Reply >	Select **To sender** or **To all** to reply to the highlighted e-mail message. Complete the required entry, then [↘].
Copy to folder	Choose from the appropriate folders to copy the highlighted e-mail message to.
Sort by >	Sort the message list by **Date**, **Sender** or **Subject**.

Managing e-mail messages

Main menu > **Messages** > **Messages** > **Mailbox**

1. [▲/▼] to scroll to the desired message → [◉]
2. [▭] (Options)
3. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Attachment >	**Open**, **Save** or **Send** attachment, such as Contacts card, Calendar items, links to streaming media, and configuration data.
Add to Contacts >	Select **Create new** to create a new Contacts card using the sender's e-mail address, or **Update existing** to place the sender's e-mail address in an existing Contacts card.

Drafts

Your unfinished text (SMS), multimedia (MMS), and e-mail messages that have not been sent are stored in the Drafts folder.

Main menu > **Messages** > **Messages** > **Drafts**

1. [▲/▼] to scroll to the desired message → [◉]
2. Enter the rest of the information → [↘]

Options

Before sending a message, the following options are available by [▭] (Options).

Send	Send message.
Add recipient	Send to more than one address.
Insert >	Insert items such as **Picture**, **Image**, **Sound clip**, **Video clip** or **Template**, depending on what type of file the message type supports.
Attachments*1 **Objects***2	Open, insert, or remove attachments or objects.
Edit presentation*2	Edit the presentation.
Preview message*2	Preview message before sending.
Check contacts	Match names in To and Cc fields to names in Contacts.
Message details	View details such as message size.
Sending options	View or change sending options depending on type of message.

*1 Available only for E-mail messages.
*2 Available only for multimedia messages.

Sent

The last 15 messages that have been successfully sent are stored in the Sent folder.

Moving sent messages to My folders

Main menu > **Messages** > **Messages** > **Sent**

1. [▲/▼] to scroll to the desired message → [▭] (Options)
2. [▲/▼] to scroll to **Move to folder** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired folder → [◉]/[▭] (OK)

Viewing/deleting sent messages

Main menu > **Messages** > **Messages** > **Sent**

1. [▲/▼] to scroll to the desired message → [◉]
2. [▭] (Options)
3. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Attachments*1 **Objects***2	Open, save, or send attachments or objects.
Delete	Delete message.
Message details	View details such as message size.

*1 Available only for E-mail messages.
*2 Available only for multimedia messages.

Outbox

Outbox stores messages waiting to be sent, and messages that could not be sent. Messages waiting in the Outbox are automatically resent (except e-mail set to send during next connection), depending on network availability.

It also temporarily stores Bluetooth and Infrared messages that are waiting for connection to the receiving device. If the connection fails, Outbox does not keep the message.

The Outbox icon appears on the standby screen when there are messages in the **Outbox**.

Status of Outbox messages

Sending	Connecting to network.
Queued	E-mail waiting for connection.
Deferred	Suspend sending to another time.
Waiting	Waiting to connect.
Resend at	If sending failed, resend attempt.
Failed	Sending has not been successful.

Managing Outbox messages

Main menu > **Messages** > **Messages** > **Outbox**

1. [▲/▼] to scroll to the desired message → [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Defer sending	Defer sending until you manually send.
Message details	View details such as message size.
Delete	Delete message (cancel resending).
Send	Send message now.
Move to Drafts	Move message to Drafts folder, where it can be edited and resent.

Reports

Delivery reports for text, multimedia, and smart messages can be sent by your service provider, and stored in the Reports folder. Delivery reports are not available for e-mail messages.

To receive delivery reports:

See **Receive report** setting for text message on page 91 and multimedia message on page 92.

Viewing delivery reports

Main menu > **Messages** > **Messages** > **Reports**

Message settings

Main menu > **Messages** > **Messages**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to **Text message**, **Multimedia message**, **E-mail**, **Service message**, **Cell broadcast** or **Other** → [◉]
4. [▲/▼] to scroll to the desired settings → [◉]

Text message settings

Message centres	Choose from provided list of network and SIM message centres.
Msg. centre in use	Choose which message centre is used to deliver text messages.
Receive report	Select **Yes** to receive delivery reports in Reports folder.
Message validity	Choose a time period from 1 hour to maximum in which text message delivery is attempted from the message centre.

Message sent as	Choose **Paging** or **E-mail** if you wish to convert your text message to one of those forms for sending. Available only if network can perform the conversion.
Preferred connection	Choose **GSM** or **GPRS** connection.
Reply via same ctr.	Select **Yes** to allow your text message recipients to use your text message centre to reply to you without having to subscribe to a text messaging service.

Multimedia message settings

Field marked in the phone with a red asterisk (*) must have an entry.

*** Access point in use**	Choose from list of access points. (See “Access point settings” on page 46.)
Multimedia reception	Choose **Only in home net.**, **Always on** or **Off** for incoming messages.
On receiving msg.	Choose **Retr. immediately**, **Defer retrieval** or **Reject message** for incoming messages.
Allow anon. messages	Select **Yes** to receive messages from anonymous (unknown) senders.
Receive adverts	Select **Yes** to receive advertisements.
Receive report	Select **Yes** to receive delivery reports in Reports folder.
Deny report sending	Select **Yes** so that your phone will not send a delivery report to confirm receipt of a new message.
Message validity	Choose a time period for the message centre to attempt message delivery.
Image size	Select **Small** (default) for 160x120 (max) image size, or **Large** for 640x480 (max).
Default speaker	Choose to play sound clips from **Loudspeaker** or **Handset** speaker.

E-mail message settings

Mailboxes	View list of mailboxes you have set up.
Mailbox in use	Select mailbox to use to send e-mail.

Service message settings

Service messages	Select **On** to receive service messages.
Download messages	Select **Manually** to allow only authorised senders to send service messages.

Cell broadcast message settings

Reception	Select **On** to receive cell broadcast messages.
Language	Select **All** to receive cell broadcasts in all possible languages, or **Selected** to choose from a list, or **Other** if your preferred language is not listed.
Topic detection	Select **On** to view a list of topic indexes provided by the network.

Other message settings

Save sent messages	Select **Yes** to save sent messages to the Sent folder.
No. of saved msgs.	Type in a number to set maximum amount of messages saved to Sent folder.

SIM messages

View, copy, or delete text messages stored on the SIM card. To view the message, first copy them to the phone memory.

Main menu > **Messages** > **Messages**

1. [▬] (Options)
2. [▲/▼] to scroll to **SIM messages** → [◉]/[▬] (Select)
   A list of messages stored on the SIM card appears.
3. [▲/▼] to scroll to the message you wish to copy → [▬] (Options)
   See "Mark/Unmark" on page 25 to copy more than one message.
4. [▲/▼] to scroll to **Copy** → [◉]/[▬] (Select)
5. [▲/▼] to scroll to the folder to place the copy → [◉]/[▬] (OK)
6. To delete messages from the SIM card after copying, [C] → [▬] (Yes)

Cell broadcast messages

You can receive messages on specified topics, such as weather information and traffic news, regularly from your service provider. You need to specify the "topic(s)" of information and the language in which you wish to receive the information.

Main menu > **Messages** > **Messages**

1. [▬] (Options)
2. [▲/▼] to scroll to **Cell broadcast** → [◉]/[▬] (Select)
3. [▬] (Options)
4. [▲/▼] to scroll to the desired option → [◉]/[▬] (Select)

Open	Open topic.
Subscribe/ Unsubscribe	**Subscribe** to selected topic to receive related messages. Select **Unsubscribe** to stop receiving related messages.
Hotmark/Remove hotmark	When topic is hotmarked, you will receive a notice when related messages arrive.

Topic >	Choose **Add manually** to type in a topic name or topic number or **Delete all**.
Settings	See “Cell broadcast message settings” on page 93.

Service command

You can activate particular services such as mobile prepay and chat by sending a service command, which may be called USSD commands. First, contact your service provider for the proper service command code.

Main menu > **Messages** > **Messages**

1. [▭] (Options)
2. [▲/▼] to scroll to **Service command** → [◉]/[▭] (Select)
3. Enter the service command → [↘]

Camera

Taking a picture

Main menu > **Camera**

1. The main display acts as a viewfinder. Move the phone around to frame your subject
2. [◉] to snap the picture

   The image is automatically saved to Images folder. See "Gallery" on page 99.

Operations after taking a picture

To delete the picture: [C] → [▬] (Yes)
To return to the viewfinder: [▬] (Back)
To send the picture immediately: See "Sending pictures" on page 98.
To rename the picture: [▬] (Options) → [▲/▼] to scroll to **Rename image** → [◉]/[▬] (Select) → Enter a new name → [◉]/[▬] (OK)

Changing capture modes

While viewfinder is active, [◀/▶] to select the picture capture mode.
Standard: Regular size landscape pictures (640x480 pixels [VGA])
Portrait: Smaller pictures that use much less memory and can be placed in Contacts cards (80x96 pixels)

Red number in the upper right corner indicates the amount of pictures that can fit in phone memory.

Zoom

When viewing your subject in the viewfinder, [▲] once for 2x zoom, [▲] again for 4x zoom. [▼] to step back one zoom level.

Self-timer

You can use the self-timer to delay the shutter.

Main menu > **Camera**

1. [▭] (Options)
2. [▲/▼] to scroll to **Self-timer** → [▶]
3. [▲/▼] to scroll to **10 seconds**, **20 seconds** or **30 seconds** → [◉]/[▭] (Select)
4. [▭] (Activate) to start the timer

PhotoLight

Light up your subject before snapping a picture. See “PhotoLight” on page 135.

Adding a picture to Contacts card

See **Add thumbnail** setting in “Creating new Contacts cards” on page 66.

Taking a self-portrait

Main menu > **Camera**

1. Close the flip. The external display acts as a viewfinder. Move the phone around to frame your subject
2. [▬] on the side of the phone to snap the picture
3. Open the flip. The image appears on the main display

   The image is automatically saved to Media Gallery Images folder.

See “Operations after taking a picture” on page 96 if required.

Viewing pictures

Main menu > **Camera**

1. [▭] (Options)
2. [▲/▼] to scroll to **Go to Gallery** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired image → [◉]

To view pictures in miniSD Card:
After step 2, [▭] (Back) → [▶] to scroll to **miniSD Card** tab

Sending pictures

1. With saved image on main display,
   [↘]
   OR
   [▭] (Options) → [▲/▼] to scroll to **Send** → [▶]
2. [▲/▼] to scroll to **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▭] (OK or Select)
   See each sending feature for further operations.

Camera settings

Main menu > **Camera**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Image quality	Choose the image quality of future pictures from **High**, **Normal** or **Basic**. The higher image quality you choose, the larger the file size will be. If you plan to view pictures on a computer, select **High** or **Normal**.
Default image name	Change the default image file name.
Memory in use	Store pictures in **Phone memory** or miniSD Card. In miniSD Card, pictures are stored to a folder in DCIM folder as DCF/Exif format (JPEG).

Media menu structure

Gallery ..... **99** **PhotoBase**..... **106** **RealOne**..... **110**

Video Rec...... **113**

Gallery

You can store, play, and manage your pictures, images, video clips, sound clips and streaming links (web addresses) in the phone memory or miniSD Card.

Viewing Media Gallery

Main menu > **Media** > **Gallery**

1. [◀/▶] to switch to phone icon tab or miniSD Card tab
2. [▲/▼] to scroll to the desired folder → [◉]
   Repeat this step until you reach the desired file.

Documents	See “File manager” on page 133 to view your Quickoffice documents.
Images	Scroll to the desired image, or open **Wallpapers** folder to view wallpaper files or **Picture msg.***1 folder. The files can be converted to DCF/Exif file (JPEG) and saved into **DCIM** folder in miniSD Card via the option Export to miniSD.
Sound clips	Choose **Digital sounds** folder or **Tones** folder.
Video clips	View video clips.

DCIM (miniSD Card only)	View pictures taken by Camera or converted by the Export to miniSD from any image.

*1

Images

Main menu > **Media** > **Gallery** > **Images** folder

1. [▲/▼] to scroll to the desired image → [◉]
   You can go to the previous/next image in the current folder by [◀/▶].
2. [▭] (Options)
3. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Send >	Send the file to another device.
Set as wallpaper	Set the image as wallpaper in standby mode.
Rotate >	Rotate the image **Left** or **Right** in 90 degree steps.
Zoom in / Zoom out	Zoom in or out.
Full screen	Removes status bar and soft key text to see more of the image.
Normal screen	When viewing full screen, [▭] → select **Normal screen** to return to normal.
Rename	Rename the image.
View details	View details such as file format and size, and image creation time and date.
Add to Favourites	Add a shortcut to view image from Favourites.

Shortcuts for zooming/rotating/panning

Zoom	[**5**] zooms in; [**0**] zooms out; [**7**] zooms in, press again to activate full screen.
Pan	If the image is zoomed in, [▲]/[**2**] pan up; [▼]/[**8**] pan down; [◀]/[**4**] pan left; [▶]/[**6**] pan right.
Rotate	[**3**] rotates clockwise; [**1**] rotates anticlockwise.
Original	Press and hold [**0**] to go back to original size view.
Full screen	[✱] switches between full screen view and original size view.

Playing video/sound clips/streaming media

Main menu > **Media** > **Gallery**

1. [◀/▶] to switch to phone icon tab or miniSD Card tab
2. [▲/▼] to scroll to the desired folder → [◉]
3. [▲/▼] to scroll to the desired file → [◉]

See "Player controls" on page 102.

Note: Streaming media is sound and video stored and played back as it arrives from the Internet or your network servers; thus the file is not stored on your phone, taking up valuable memory.

After the phone successfully connects to the link (web address of streaming media), there is a short loading period to prepare playback, then the streaming media begins playing.

Options

While highlighting the desired video or sound clip, the following additional options are available by [▭] (Options).

Copy to	Copy file to phone memory or miniSD Card.
Rename	Rename clip.
Gallery downloads*1>	Go to download link for images, videos, or sounds in Browser.
Receive via infrared*2	Receive a file via infrared.
View details	View clip details such as file format, size, resolution, and duration.
Add to Favourites	Add a shortcut to view or listen to clip from Favourites.
Settings	Adjust multimedia settings. (See “RealOne Player settings” on page 111.)

*1

*2 May not be available.

Player controls

Video controls

Play:	[▭] (Options) → select **Open**. Video automatically begins playing when first opened.
Stop:	[▭] (Stop)
Pause:	[▭] (Pause) or [◉]. To resume play, [◉] / [▭] (Options) → select **Continue**.
Fast forward:	Press and hold [▲] during play.
Fast rewind:	Press and hold [▼] during play.

Sound controls

To select buttons on screen: [▲/▼] to move the box to the desired button → [◉]

▶	Play	⏸	Pause
■	Stop	⏩	Fast forward
●	Record	⏪	Rewind

Volume control

To increase volume: [▶]
To decrease volume: [◀]
(Note the bar scale near the top of the screen.)

To mute the sound in a video clip: [◀] until muted speaker icon 🔇 appears.
To turn sound back on: [▶]
When playing sound clips, the lowest volume setting is level 1.

Sending pictures/video and sound clips

Main menu > **Media** > **Gallery**

1. [◀/▶] to switch to phone icon tab or miniSD Card tab
2. [▲/▼] to scroll to the desired folder → [◉]
3. [▲/▼] to scroll to the desired file → [▭] (Options)
4. [▲/▼] to scroll to **Send** → [▶]
5. [▲/▼] to scroll to **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▭] (Select)
   See each sending feature for further operations.

Note: The **Send** option is not available for streaming media.

Downloading pictures/video and sound clips

Main menu > **Media** > **Gallery**

1. [▭] (Options)
2. [▲/▼] to scroll to **Gallery downloads** → [▶]
3. [▲/▼] to scroll to **Graphic downloads**, **Video downloads** or **Tone downloads** → [◉]/[▭] (Select)
   Browser opens.
4. Choose a bookmark site to download the desired media

Note: Free contents are available for your X800 phone. For downloading information, visit www.panasonicbox.com. Availability of this service is dependent on your country/region or network. The downloaded contents are free, however there will be a communication fee to download. Gallery downloads feature may not be available.

Image uploader

You can store your personal pictures on an image server and share them with family and friends. To use this service, (1) you must subscribe to this service from your service provider if it is available (2) you must configure an Internet Access Point.
Contact your service provider to obtain the image server settings.

Note: Image uploader service can support only JPG format files.

Setting up the image server

Main menu > **Media** > **Gallery** > **Image** folder

1. [▭] (Options)
2. [▲/▼] to scroll to **Image uploader** → [▶]
3. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
4. [◉] to select **Image servers**
   For the first time, [▭] (Yes) to define an image server

5. Enter information in fields. Field marked in the phone with a red asterisk (*) must have an entry

Image server name	Enter a descriptive name for the image server.
*** Access point in use**	Choose from list of access points. (See “Access point settings” on page 46.)
User name	Enter your user name for the uploader service.
Password	Enter your password for the uploader service.
*** Web address**	Enter the web address of the image server.
Auto folder naming	Select **On** to have the current time and date as the default name for your folders on the server.

To edit/add/delete image servers:
After opening **Image servers**, [▭] (Options) → [▲/▼] to scroll to **Edit**, **New image server** or **Delete** → [◉]/[▭] (Select)

To change the image server in use:
If you have set up more than one image server, select the desired image server to use.
After step 3, [▲/▼] to scroll to **Image server in use** → [◉] → [▲/▼] to scroll to the desired image server → [◉]/[▭] (OK)

Uploading images

Main menu > **Media** > **Gallery** > **Images** folder

1. [▲/▼] to scroll to the desired image to upload → [▭] (Options)
2. [▲/▼] to scroll to **Image uploader** → [▶]
3. [◉]/[▭] (Select) to select **Upload**

PhotoBase

Take pictures, then show them to your friends in a slide show right from your phone. Remove red eye, crop, rotate, or change brightness and contrast of your pictures before sharing them. You can also add frames, clip art, and text to your pictures.

Note: For customer support and more information on PhotoBase, visit www.arcsoft.com.

Taking picture using photobase

Main menu > **Media** > **PhotoBase** > **Camera**

1. The main display acts as a viewfinder. Move the phone around to frame your subject
   To change the zoom: [▲/▼]
   To change contrast and brightness: [◀/▶]
2. [◉] to take a picture
3. To keep the picture in your **Album**: [▭] (Keep)
   To delete the picture: [▭] (Discard)

Options

Before taking a picture, the following options are available by [▭] (Options).

Mode >	Choose **Frame** to add a frame to the picture. **Horizontal Panorama** and **Vertical Panorama** allow you to stitch 3 pictures together.
Picture folder >	Choose the memory to store your pictures. **Customise** allows you to create a new folder.
Settings	Configure Camera settings.
Go to album	Go to your Album.

Note: Zoom feature is not available when using **Horizontal Panorama** or **Vertical Panorama** mode.

Viewing photos

Main menu > **Media** > **PhotoBase** > **Album**

1. [▲/▼/◀/▶] to scroll to the desired photo → [◉]

Operations while viewing the photo

To view the previous/next photo: [▲/▼]
To zoom in/out: [▭] (Options) → [▲/▼] to scroll to **Zoom in** or **Zoom out** → [◉]/[▭] (Select)
To pan in zoomed images: [▲/▼/◀/▶]

Slide show

You can see a slide show of the photos in your **Images** folder.

Main menu > **Media** > **PhotoBase** > **Album**

1. [▭] (Options)
2. [▲/▼] to scroll to **Slide show** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to **Interval** to select a time interval between slides → [◉]
4. [▲/▼] to scroll to the desired time → [◉]/[▭] (OK)
5. [▲/▼] to scroll to **Transition** to select a transition effect → [◉]
6. [▲/▼] to scroll to the desired transition effect → [◉]/[▭] (OK)
7. [▭] (Play)
8. [◉]/[▭] (Finish) to exit

Editing photos

Main menu > **Media** > **PhotoBase** > **Album**

1. [▲/▼/◀/▶] to scroll to the desired photo → [◉]
2. [▭] (Options)
3. [▲/▼] to scroll to **Edit** → [◉]/[▭] (Select)

4. [▬] (Options)
5. [▲/▼] to scroll to the desired option → [◉]/[▬] (Select)

Save	Save edited photo in place of original photo.
Save as...	Enter a new name for edited photo and save as a new file.
Send >	Send photo **Via e-mail**, **Via Bluetooth**, **Via infrared** or **Via MMS**.
Rotate left	Rotate photo to left.
Rotate right	Rotate photo to right.
Brightness/contrast	[▲/▼] to adjust brightness, [◀/▶] to adjust contrast.
Remove red-eye	Removes red eye from the photo.
Crop	See “Cropping photos” on page 108.
Resize >	Resize photo by 200% or by 50%.

Cropping photos

Main menu > **Media** > **PhotoBase** > **Album**

1. Complete steps 1 to 4 in “Editing photos” on page 107
2. [▲/▼] to scroll to **Crop** → [◉]/[▬] (Select)
   A dotted cropping box appears.
3. Resize or move the cropping box
   (See “To resize/move the cropping box” on page 108.)
4. To apply, [▬] (Options) → [▲/▼] to scroll to **Crop it** → [◉]/[▬] (Select)
5. To save or send the photo, [▬] (Options) → [▲/▼] to scroll to **Save**, **Send as...** or **Send** → [◉]/[▬] (Select)

To resize the cropping box:

1. [◉] → [▲] to make the box taller, [▼] to shorten the box [◀] to widen the box, or [▶] to narrow the box size

To move the cropping box:

1. [▭] (Options) → [▲/▼] to scroll to **Move** → [◉]/[▭] (Select)
2. [▲/▼/◀/▶] to move the box as desired

Adding clip art/frames to photos

1. With the photo on the screen, [◀/▶] to switch to **Workshop** tab
2. [▲/▼] to scroll to **Clip art** or **Frame** → [◉]/[▭] (Select)
3. [▲/▼/▼/▶] to scroll to the desired clip art or frame → [◉]
4. Once the clip art or frame appears on the photo, [▭] (Options)
5. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Move	[▲/▼/◀/▶] to move
Resize	[▲/◀] to increase, [▼/▶] to decrease
Rotate	[▲/◀] to rotate left, [▼/▶] to rotate right

6. To save or send the photo, [▭] (Options) → [▲/▼] to scroll to **Save**, **Send as...** or **Send** → [◉]/[▭] (Select)

Warping photos

1. With the photo on the screen, [◀/▶] to switch **Workshop** tab
2. [▲/▼] to scroll to **Warp** → [◉]/[▭] (Select)
   A black crosshair mark appears on the photo.
3. [▲/▼/◀/▶] to the desired spot where the warp will start → [◉]
   The mark changes from black to red.
4. [▲/▼/◀/▶] to scroll in direction you want the warp to go
   To add more warp points, [◉] as needed to toggle the mark between red and black
5. To save or send the photo, [▭] (Options) → [▲/▼] to scroll to **Save**, **Save as...** or **Send** → [◉]/[▭] (Select)

Adding text to photos

1. With the photo on the screen, [◀/▶] to switch to **Text** tab → [▭] (Options)
2. [▲/▼] to scroll to **Add new line** → [◉]/[▭] (Select)
3. Enter text as desired → [◉]/[▭] (OK)
4. [▲/▼/◀/▶] to move the text to a desired position
5. To edit text, [▭] (Options) → [▲/▼] to scroll to **Edit current line**, **Delete current line**, **Change text colour**, **Change text size** or **Edit previous/next line** → [◉]/[▭] (Select)
6. To save or send the photo, [▭] (Options) → [▲/▼] to scroll to **Save**, **Send as...** or **Send** → [◉]/[▭] (Select)

Community

If available, Community will link to a website to download more clip art and frames, and provide more information from PhotoBase.

Main menu > **Media** > **PhotoBase** > **Community**

Follow the prompts.

RealOne Player

RealOne Player is a media player that plays your video clips, specific sound clips and streaming media links (web addresses) stored in the phone memory or miniSD Card.

Playing video clips and streaming media

Main menu > **Media** > **RealOne**

1. [▭] (Options)
2. [▲/▼] to scroll to **Open** → [▶]
3. [▲/▼] to scroll to **Most recent clips** for the last several opened media files or **Saved clip** for existing files and links → [◉]/[▭] (Select)

4. [▲/▼] to scroll to the desired folder(s) → [◉]/[▭] (Select)
5. [▲/▼] to scroll to the desired video clip file → [◉]/[▭] (Select)

Note: For streaming media, after the phone successfully connects to the link (web address of streaming media), there is a short loading period to prepare playback, then the streaming media begins playing. See "Player controls" on page 102.

Incoming call when playing video

If there is an incoming call during playback of video clips, the player pauses the video. The player also pauses when an alarm sounds, or a note appears, or you open another application.

To resume play: Return to the opened file → [◉]/[▭] (Options) → [◉] to select **Continue**.

If you open an application when streaming video is playing, the streaming video pauses, and stops when the auto disconnect time period is reached. See "RealOne Player settings" on page 111.

RealOne Player settings

Main menu > **Media** > **RealOne**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [◉] to select **Video**
4. [▲/▼] to scroll to **Contrast** or **Repeat** → [◉]

Contrast	[◀/▶] to change the percentage.
Repeat	Select **On** to repeat playback, or select **Off** to playback one time.

To view/adjust streaming media settings:

Main menu > **Media** > **RealOne**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to **Connection** → [◉]
4. [◉] to select **Proxy**
5. [◉] to switch **Yes** or **No**

   If you select **Yes**, enter **Proxy serv. address** and **Proxy port number**
6. [▭] (Back)
7. [▲/▼] to scroll to **Network** → [◉]
8. [▲/▼] to scroll to the desired settings → [◉]

Default access point	Choose from list of access points. (See “Access point settings” on page 46.)
Online time	Select **Unlimited**, or select **User defined** to specify the amount of time before phone will disconnect if there has been no activity.
Maximum bandwidth	Select a maximum bandwidth for streaming media to use.
Connection time-out	Select a maximum time period to wait from selecting a streaming link until it connects to the server. Scroll left and right to move the slider and change the time period.
Server time-out	Select a maximum time period to wait for the media server to begin sending the streaming media. Scroll left and right to move the slider and change the time period.
Lowest UDP port	Enter a User Datagram Protocol port number.
Highest UDP port	Enter a User Datagram Protocol port number.

Video Recorder

Recording a video clip

Main menu > **Media** > **Video Rec.**

1. The main display acts as a viewfinder. Move the phone around to frame your subject

   To change the zoom: [▲/▼]
2. [◉] to start recording
3. The video recorder records until reaching the clip size limit (see **File Duration** setting on page 114), or until you press [▭] (Stop)

   Wait for a few seconds while the video clip is saved.

Note: The phone shifts to standby mode after 1 minute if recording has not started. [▭] (Options) → select **Continue** to return to viewfinder mode.

Operations after recording a video clip

To delete the video clip: [C] → [▭] (Yes)
To return to the viewfinder: [▭] (Back)
To play the video clip: [◉] → [◉] to select **Play**
To send the video clip immediately: See “Sending video clips” on page 115.
To record nearby sound with the video: See **Audio recording** setting on page 114.

PhotoLight

Light up your subject before recording a video clip. See “PhotoLight” on page 135.

Incoming calls when in video recorder mode

If you receive a call while in video recorder mode, video recording stops and the video clip is saved. After the calls ends, the last image of the recorded clip displays.

Playing a video clip

Main menu > **Media** > **Video Rec.**

1. [▭] (Options)
2. [▲/▼] to scroll to **Video Album** → [◉]/[▭] (Select)
3. Continue with step 2 in "Playing video/sound clips/streaming media" on page 101

Video recorder settings

Main menu > **Media** > **Video Rec.**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Resolution	Choose the resolution from **Low** or **High** to change the video screen size.
Audio recording	Set to **On** to capture nearby sound as you record. **Off** turns off the microphone.
Video name base	Enter desired text. For example, if you change the name to SkiTrip, then your video clips will be named SkiTrip; SkiTrip(01); SkiTrip(02), etc. until the default name is changed.
Video storage	Choose whether video clips are stored in **Phone memory** or on miniSD Card.
File Duration	Choose a fixed size for recorded clips, or unlimited size.
Video quality	Choose **Low** or **High**.

Sending video clips

1. With the video clip on screen,

   [↘]

   OR

   [▭] (Options) → [▲/▼] to scroll to **Send** → [▶]

2. [▲/▼] to scroll to **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▭] (OK or Select)

   See each sending feature for further operations.

Calendar

Creating Calendar events

Main menu > **Calendar**

1. [▭] (Options)
2. [▲/▼] to scroll to **New entry** → [▶]
3. [▲/▼] to scroll to **Meeting**, **Memo** or **Anniversary** → [◉]/[▭] (Select)

Meeting	Events with a start and end time.
Memo	Events such as trips or vacations.
Anniversary	Single day events such as birthdays and anniversaries.

4. [▲/▼] to scroll to the desired field and enter information → [▭] (Done)

Subject	Enter subject of meeting or memo.
Location	Enter location of meeting.
Start time	Enter start time of meeting.
End time	Enter end time of meeting.
Start date	Enter start date of meeting or memo.
End date	Enter end date of meeting or memo.
Occasion	Enter occasion of anniversary.
Date	Enter date of anniversary.
Alarm	Select **On** to set alarm for meeting or anniversary. [▼] to set alarm time and date. [▭] (Stop) to stop the alarm. [▭] (Snooze) or any other key to ring the alarm at 5 minute interval (maximum 5 times).
Repeat	Set event repeat cycle. Choose from **Daily**, **Weekly**, **Fortnightly**, **Monthly** or **Yearly**.

Synchronisation	If you synchronise your Calendar events with a PC, you can set the privacy level. Select **Private** to hide events from online viewers. Select **Public** to allow online viewers to see the event. Select **None** if you do not wish to synchronise the event with your PC calendar. (See "Synchronisation" on page 153.)

Shortcut: If you start typing after opening the calendar, you are automatically entering the subject in a Meeting entry.

Browsing Calendar

View the calendar by day, by month, or by week.

Browsing operation

To move around the calendar: [▲/▼/◀/▶]

To go to a desired date: [▭] (Options) → [▲/▼] to scroll to **Go to date** → [◉]/[▭] (Select) → Enter the desired date → [◉]/[▭] (OK)

To go to today: [#]

Changing Calendar view

To change to Month view or Week view:

Main menu > **Calendar**

1. [▭] (Options)
2. [▲/▼] to scroll to **Month view** or **Week view** → [◉]/[▭] (Select)

To change to Day view:

Main menu > **Calendar**

1. [▲/▼/◀/▶] to scroll to the date on the calendar → [◉]

Month view

Scheduled note	Triangle in the lower right corner of a date. Red - private synchronisation Blue - public synchronisation Light red - none Purple - more than one entry for the date
Current date	Underlined
Selected date	Boxed - Also appears in the Navigation bar
Far left column	The year's week number

Week view

Scheduled note	A bar - Meeting note - Memo icon - Anniversary icon
Current weekday	Underlined (if you are viewing the current week)
Selected date	Boxed - Also appears in the Navigation bar
Screen title	Either the week number or the week dates of the current week (See **Week view title** setting on page 120.)

Day view

Scheduled note	Start time-End time - Meeting note - Memo icon - Anniversary icon

Managing Calendar events

Editing/deleting events

Main menu > **Calendar**

1. [▲/▼/◀/▶] to scroll to the desired date → [◉]
2. [▲/▼] to scroll to the desired event
3. To edit: [◉] → Edit the desired field → [▭] (Done)
   To delete: [C] → [▭] (Yes)

To delete multiple events:

1. View the calendar in **Month view** → [▭] (Options)
2. [▲/▼] to scroll to **Delete entry** → [▶]
3. [▲/▼] to scroll to **Before date** to delete the entries before a specified date or **All entries** → [◉]/[▭] (Select)
4. If **Before date** is selected: Enter the desired date → [◉]/[▭] (OK)
   If **All entries** is selected: [▭] (Yes)

Calendar settings

Main menu > **Calendar**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Calendar alarm tone	Choose the desired tone. To hear the tone, highlight the tone name and wait. To stop the tone, press any key.
Default view	Select **Month view**, **Week view** or **Day view**.
Week starts on	Choose starting day of the week. Week numbers are shown in layouts only if Monday is selected.
Week view title[*1]	Choose **Week number** of the year (e.g. Week 12) or **Week dates** (e.g. 20/03/05-26/03/05).

[*1] Available only if **Week starts on** is set to Monday.

Sending Calendar events

Before sent by messaging or to another device, a Calendar event is converted to an electronic scheduling exchange format known as vCalendar.

Main menu > **Calendar**

1. [▲/▼/◀/▶] to scroll to the day you set the calendar event → [◉]
2. [▭] (Options)
3. [▲/▼] to scroll to **Send** → [▶]
4. [▲/▼] to scroll to **Via text message**, **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▭] (Select)

   See each sending feature for further operations.

Chinese Lunar Calendar

You can check Chinese Lunar Calendar dates and festivals when still viewing western calendar. To display Chinese Lunar Calendar, you need to select Chinese language in **Phone language** setting (see page 44).

Switching on/off Chinese Lunar Calendar

Main menu > **Calendar**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to **Lunar calendar**
4. [◉] to switch **On** or **Off**

Viewing Chinese Lunar Calendar detail

Main menu > **Calendar**

1. [▲/▼/◀/▶] to scroll to the day you wish to view the detail → [▭] (Options)
2. [▲/▼] to scroll to **View lunar data** → [◉]/[▭] (Select)

Tools

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*1

Calculator

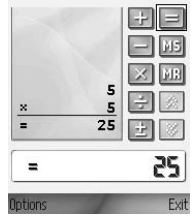
The left side of the screen serves as a “tape” to record your calculations.

Buttons on the screen

+	Add	=	Equal
−	Subtract	MS	Memory Save
×	Multiply	MR	Memory Recall
÷	Divide		Scroll screen up
±	Positive / Negative		Scroll screen down

To select: [▲/▼/◀/▶] to move the box to the desired button → [◉]

Main menu > **Tools** > **Calculator**



1. Enter the first number of the calculation, which appears in field near bottom of the screen

   To enter a decimal: [#]

   To erase digits: [C]
2. [▲/▼/◀/▶] to move the box to the desired mathematic button → [◉]
3. Enter the next number
4. To get the result, [▲/▼/◀/▶] to move the box to Equal button → [◉]

To clear the screen:

[▬] (Options) → [▲/▼] to scroll to **Clear screen** → [◉]/[▬] (Select)

To view the last result:

[▬] (Options) → [▲/▼] to scroll to **Last result** → [◉]/[▬] (Select)

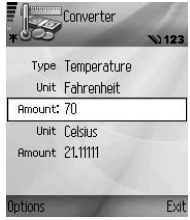
Shortcut: To automatically add, subtract, multiply, or divide, enter first number and press [✱] until you reach the desired mathematic button, stop pressing [✱], and the operation is inserted.

Converter

Convert a variety of measurements such as world currencies, area, length, volume, temperature, power, velocity and more.

Setting the base currency

Main menu > **Tools** > **Converter**



1. If the **Type** field is not set to **Currency**, [◉] to select the **Type** field → [▲/▼] to scroll to **Currency** → [◉]/[▬] (OK)
2. [▬] (Options)
3. [▲/▼] to scroll to **Currency rates** → [◉]/[▬] (Select)
4. [▲/▼] to scroll to the desired currency code you wish to set as the base → [▬] (Options)
5. [▲/▼] to scroll to **Set as base curr.** → [◉]/[▬] (Select) → [▬] (Yes)

   Any rates entered earlier are reset to zero.
6. [▲/▼] to scroll to the desired currency codes and enter currency exchange rates, based on your newly set base currency = 1

   To enter a decimal: [#]
7. [▬] (Done) → [▬] (Yes)
8. Continue with step 3 in “Converting measurements” on page 125

Converting measurements

Main menu > **Tools** > **Converter**

1. [◉] to select the **Type** field
2. [▲/▼] to scroll to the desired measurement type → [◉]/[▭] (OK)
3. [▲/▼] to scroll to the first **Unit** field → [◉]
4. [▲/▼] to scroll to the desired unit to convert FROM → [◉]/[▭] (OK)
5. [▲/▼] to scroll to the second **Unit** field → [◉]
6. [▲/▼] to scroll to the desired unit to convert TO → [◉]/[▭] (OK)
7. [▲/▼] to scroll to the first **Amount** field → [C] to erase zero
8. Type in the desired unit amount to convert

   To enter a decimal: [#]

   To enter + and - (for temperature) and E (exponent) symbols: [*]

   *Converted amount automatically displays in the second **Amount** field.*

Note: You can also convert amounts in reverse. Type in amount in the second field, converted amount automatically displays in the first field.

Notepad

Jot down quick notes into the notepad. Open and edit simple text documents (.txt) saved from text attachments sent using messaging.

Creating a new note

Main menu > **Tools** > **Notepad**

1. [▭] (Options) → [◉]/[▭] (Select) to select **New note**
2. Enter notes → [▭] (Done)

Sending notes

Main menu > **Tools** > **Notepad**

1. [▲/▼] to scroll to the desired note → [▭] (Options)
2. [▲/▼] to scroll to **Send** → [▶]
3. [▲/▼] to scroll to **Via text message**, **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▭] (Select)
   See each sending feature for further operations.

Recorder

Record voice memos up to 1 minute. You can also record a two-way phone conversation. Recorded sound clips are stored in .amr format.

Recording a sound clip

In standby mode or during a conversation:

Main menu > **Tools** > **Recorder**

1. [▭] (Options)
2. [▲/▼] to scroll to **Record sound clip** → [◉]/[▭] (Select)
3. Begin speaking into microphone
4. [▭] (Stop) to stop recording
   To play back, see "Buttons on the screen" on page 127.
5. To rename the sound clip, [▭] (Options) → [▲/▼] to scroll to **Rename sound clip** → Enter a new name → [▭] (Yes)

Note: You are responsible for the security of a recorded message. Ask for the other party's consent before recording, and abide by local voice recording laws.

Playing a sound clip

Buttons on the screen

	Play		Pause
	Stop		Fast forward
	Record		Rewind

To select: [▲/▼] to move the box to the desired button → [◉]

Main menu > **Tools** > **Recorder**

1. [▭] (Options)
2. [▲/▼] to scroll to **Go to Gallery** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired folder → [◉]
4. [▲/▼] to scroll to the desired sound clip → [◉]
5. [◉] to select Play button
   To adjust volume: [◀/▶]

Note: To play a sound clip during a call, open the sound clip from its current location and play. The other person hears the sound clip.

Sending sound clips

Main menu > **Tools** > **Recorder**

1. Complete steps 1 to 4 in “Playing a sound clip” on page 127
2. [▭] (Options)
3. [▲/▼] to scroll to **Send** → [▶]
4. [▲/▼] to scroll to **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared** → [◉]/[▭] (Select)
   See each sending feature for further operations.

Recorder settings

Main menu > **Tools** > **Recorder**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired setting → [◉]

Memory in use	Store recordings in **Phone memory** or miniSD Card.
Default speaker	Choose **Loudspeaker** or **Handset**.

Using the recording as a ringing tone

The new recorded sound clip automatically appears in the Ringing tone lists in the Ringtones, Contacts, Clock, and Calendar alarm applications.

miniSD Card (memory card)

Backup your phone memory onto the miniSD memory card. The miniSD Card can be installed into the standard size memory card socket of other devices using the miniSD Card adapter (see “Using miniSD Card and miniSD Card adapter” on page 130).

Formatting/viewing details of miniSD Card backup files

Note: Do not format a miniSD Card that contains important software as this destroys all data on the miniSD Card.

Main menu > **Tools** > **miniSD**

1. [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Remove miniSD Card	For the safety of data, saves data and closes applications before ejecting miniSD Card.
Backup phone mem.	Backup the phone contents to the miniSD Card.
Restore from card	Restore earlier backed up miniSD Card data to the phone memory.
Format miniSD Card	Format other brand miniSD Cards if needed before first use.
miniSD Card name	Write a name or title for the miniSD Card.
Memory details	View number of bytes stored in separate applications, total memory and free memory.

Password in some miniSD Cards

Some brands of miniSD Cards can be locked from unapproved use by entering a password. If you insert a miniSD Card with locking capability into your phone, the following option items will appear.

Main menu > **Tools** > **miniSD**

1. [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

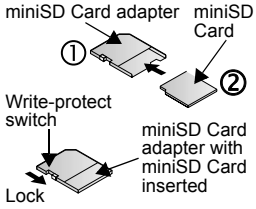
Set password	Enter a password to use to lock the miniSD Card. Thereafter, the password must be entered to use the miniSD Card in any device.
Remove password	Removing the password unlocks the miniSD Card, and it can be used in another device without a password.
Change password	Change locking password for this miniSD Card.
Unlock miniSD	Enter the password to unlock the miniSD Card.

Using miniSD Card and miniSD Card adapter

By inserting the miniSD Card into the miniSD Card adapter, you can use the miniSD Card in an SD memory card slot.

To insert the miniSD Card into the miniSD Card adapter:

1. On the miniSD Card adapter, move the lock tab into unlocked position.
2. Slide the miniSD Card in with the notched corner entering the left side of the miniSD Card adapter first into the slot until it clicks.
3. Follow manufacturer's instructions for inserting an SD Card and accessing the data.



Write-protection

The miniSD Card can be write-protected. To protect important data, move write-protect switch to Lock position. You cannot write, save, or delete data or format the card.

To write data to the miniSD Card, move write-protect switch to unlocked position.

To-do list

Make a list of tasks, and set a deadline and priority for each.

Creating a new To-Do task

Main menu > **Tools** > **To-Do**

1. [▭] (Options)
2. [▲/▼] to scroll to **New to-do note** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired field
4. Enter information in fields → [▭] (Done)

Subject	Description of task or subject.
Due date	Assign a due date.
Priority	Select **High**, **Normal** or **Low**. In the list of tasks, ! icon means High priority task; - icon means Low priority task.

Editing/marking To-Do tasks

Main menu > **Tools** > **To-Do**

1. [▲/▼] to scroll to the desired task
2. To edit: [◉] → Edit information in fields → [▭] (Done)
   To mark/restore the task: [▭] (Options) → [▲/▼] to scroll to **Mark as done** or **Mark as not done** → [◉]/[▭] (Select)
   A checkmark within a box means task is completed. A blank box means task is unfinished.

Application manager

The Application manager allows you to install and manage both Java, MIDlet (Mobile Information Device) applications and device software installation files. You can also view and manage Authority and Personal certificates (see “Certificate management” on page 53).

Viewing details/certificate of application

Main menu > **Tools** > **App Mgr**

1. [▲/▼] to scroll to the desired file → [▭] (Options)
2. [▲/▼] to scroll to **View details** or **View certificate** → [◉]/[▭] (Select)

Note: Files with extension .sis are device software installation files. Files with extensions .jad or .jar are Java™ applications.

Installing application/software

Your phone supports installation of software and applications suitable for the Symbian™ operating system.

1. Open the application you want to install
2. The phone will ask if you want to install now. Select **Yes**

Options

Main menu > **Tools** > **App Mgr**

1. [▲/▼] to scroll to the desired file → [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Remove	Remove application or software.
View log	View installation log.
Send log	Send installation log to a help desk for troubleshooting.

Note: Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.

Removing a software application may cause you to not be able to view documents created with that software, and other software may not work if it relies on the removed software.

File manager

Organise and manage files stored in the phone memory and on the miniSD Card.

Viewing folders/files

Main menu > **Tools** > **File Mgr**

A list of folders and files stored in the phone memory appears. Some folders may have sub folders, e.g. Images folder has two sub folders - Picture msgs. and Wallpapers.

1. [◀/▶] to change tabs to see files stored on the phone or the miniSD Card
2. [▲/▼] to scroll to the desired folder or file → [◉]

Finding folders/files

Main menu > **Tools** > **File Mgr**

1. [▭] (Options)
2. [▲/▼] to scroll to **Find** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to **Phone memory** or miniSD Card → [◉]/[▭] (OK)
4. Enter the keyword to find, or just type in a few letters in a search box → [▭] (Find)

   The list is sorted from closest match first to farthest match last. Folders and files with the same name appear with folder before file.

Options

While viewing folder/files, the following options are available by [▭] (Options).

Open	Open the selected folder or file.
Send >	Send the selected file **Via multimedia**, **Via e-mail**, **Via Bluetooth** or **Via infrared**.
Delete	Delete the selected folder or file.
Move to folder	Move selected item to another folder.
Copy to folder	Copy selected item to another folder.
New folder	Create a new folder.
Mark/Unmark	See “Mark/Unmark” on page 25 to select move then one file.
Rename	Change name of item. Default folders cannot be renamed.
Receive via infrared	To receive a file via Infrared, see “Sending/ receiving data via infrared” on page 151.
View details	View **Name**, format **Type**, **Date**, **Time** modified and data **Size** of a file or of a total size of a folder.
Memory details	View number of bytes stored in separate applications, total memory in use and free memory. [▶] to switch to miniSD Card memory.

Note: The phone may not allow you to copy, modify, transfer or forward some copyrighted images, ringtones or other contents.

PhotoLight

Light up your subject while snapping a picture or recording a video clip.

Switching PhotoLight on/off

1. In standby mode, press and hold [✳]

   To take a picture, continue with "Taking a picture" on page 96.

   To record a video clip, continue with "Recording a video clip" on page 113.
2. To switch PhotoLight off, return to standby mode, then press and hold [✳]

Note: Do not use the PhotoLight near the eyes. The PhotoLight is intended as an auxiliary light source for shooting photos in dim areas. It does not produce the intense light of a typical camera flash.

Keeping PhotoLight switched on consumes battery power more rapidly. To conserve battery power, switch off PhotoLight when not in use.

SIM Tool Kit

The SIM Tool Kit allows applications existing on the SIM card to interact and operate with your phone. These applications, stored in the SIM memory, are Value Added Services. Your network operator can configure your SIM card with applications that can be seen on your phone as additional menu items.

Contact your network operator for further information.

Connectivity

Connectivity menu structure

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Operator **143**

Modem **144**

Bluetooth **146**

Infrared **150**

USB **152**

Conn Mgr **152**

SyncML **153**

Dev Mgr **155**

Browser

Your phone browser allows you to access to services such as news, weather reports, banking, sports, travel information and stock quotes.

Note: The types of services and contents offered when connected to the Browser are supplied entirely by your service provider.

Setting up to connect

Before starting; (1) you need a subscription for data services from your service provider (2) you must configure an Internet Access Point (see “Access point settings” on page 46).

Your service provider may have already completed the Internet Access Point connection settings, or sent them to you in a message. Contact your service provider to find out how setup information is furnished.

Connecting to the Internet

Main menu > **Connectivity** > **Browser**

OR

[@] to open Browser

A list of Internet Access Points and bookmarks appears, and folders may appear. Your service provider may have loaded links to their services that appear as Bookmarks. Bookmarks list stores web addresses that you or your service provider saved to the list. Saved pages list stores actual WAP pages that you can view online or offline.

[◀/▶] to switch to **Bookmarks** tab or **Saved pages** tab

[▲/▼] to scroll to the desired connection or bookmark → [◉] twice

The phone begins connection process.

Note: Your service provider may have set your phone to go to the Home page for their services when you launch Browser.

To disconnect from Internet:

1. Press and hold [✂]

   OR

   [▭] (Options) → [▲/▼] to scroll to **Exit** → [◉]/[▭] (Select)

Navigating the Internet

In general, when connected to the Internet through the Browser:

Scroll up [▲], down [▼], left [◀] or right [▶] through the page contents.	[▲] [▼] [◀] [▶]
Select a highlighted item or launch an underlined web page. Press and hold to open Bookmarks list.	[◉]
Erase character.	[C]
Back - Go backward in navigation history. Close - Go to Bookmarks or Saved pages view. Cancel - Ends current download.	[▭]
Press and hold to disconnect the Browser at any time.	[✂]
Indicates secure online browsing connection.	🔒

Secure Connections

Your service provider is responsible for securing the connection between the network server and Internet sites. Contact your service provider for details of their secure connection capabilities. Proceed with caution when downloading files and contents or entering sensitive information.

Online options

During an Internet connection, the following options are available by [▭] (Options).

Open	Open highlighted link.
Accept	Accept your text entry to the current page.
Service options >	Open a list of commands or actions for the page.
Bookmarks	View Bookmarks list.
Save as bookmark	Save the web address to your Bookmarks.

View image	If there are images on the page, open a list of images. To view a specific image, scroll to the image and [◉]/[▄] (OK).
Navigation options >	**Go to web address**, **History** to select a previously viewed page during current session, **Clear cache** to delete contents in cache memory, **Reload** to update current page.
Advanced options >	**Original screen** to fit page into the display of your phone, **Save page** to save current page to Saved pages list, **Disconnect** to end connection.
Show images	Appears if you have set the Show images setting to **No** in the Browser settings to allow the images on current page to be loaded.
Send bookmark >	Send current page via text message.
Find >	Find phone number, e-mail address or web address on current page.
Details	View details and security of current session.
Settings	See “Browser settings” on page 141.
Service msg.	Appears if you have unread WAP push messages.

When online, you may have calling options from a current page. You can click on a link to book tickets or order gifts, for example. The link allows you to make a phone call directly from the Browser.

When viewing any Directory services an “Add to Contacts” link may appear. Click on the link, and a new Contacts entry form displays. Save the entry to return to the Browser.

Bookmark options

Manage your bookmarks offline or online.

Main menu > **Connectivity** > **Browser**

1. [▭] (Options)
2. [▲/▼] to scroll to the following option → [◉]/[▭] (Select)

Download	Connect to selected bookmark.
Bookmark manager >	**Move to folder**, **New folder**, **Edit bookmark**, **Add bookmark** or **Delete**.
Mark/Unmark >	See “Mark/Unmark” on page 25 to perform actions to more than one item.
Navigation options >	**Go to web address** or **Clear cache**.
Advanced options >	**Add to Favourites** to add the bookmark to your Favourites shortcuts.
Send >	Send web address to another device.
Find bookmark	Enter one or two characters to go to bookmark titles beginning with that character.
Settings	See “Browser settings” on page 141.

Downloading files from the Internet

You can download ringtones, games, video and sound clips, and applications to your phone through the Browser. After downloading, the files are saved to the relevant menu application in the phone.

Main menu > **Connectivity** > **Browser**

1. [▲/▼] to scroll to **App. downloads**, **Graphic downloads**, **Theme downloads**, **Tone downloads** or **Video downloads** → [◉]
2. [▲/▼] to scroll to the desired bookmark → [◉]
   The phone begins connection process.
3. After connecting to the site, [▲/▼] to scroll to the desired link containing the file → [◉]

After the file is downloaded, it is stored in the menu application in which the file is opened; e.g. a video clip is stored in Gallery.

Note: Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.

The phone may not allow you to copy, modify, transfer or forward some copyrighted images, ringtones or other contents.

Browser settings

Main menu > **Connectivity** > **Browser**

1. [▭] (Options)
2. [▲/▼] to scroll to **Settings** → [◉]/[▭] (Select)
3. [▲/▼] to scroll to the desired settings → [◉]

Default access point	Change default access point for connecting to the Internet through the Browser.
Show images	For faster Internet surfing, select **No** to stop loading images automatically. When online, [▭] (Options) and select **Show images** on a specific page to load an image.
Font size	Select a font size for web page text to appear.
Default encoding	For the Browser pages to display text characters correctly, select one from: S. Chin., West. Europ., T. Chinese, Unicode (UTF-8), Central Eur., Baltic, Cyrillic, Greek, Turkish, Heb. (ISO-Logical), Hebr. (ISO-Visual), Arabic (ISO), Arabic (Windows), Hebr. (Windows), Cent. Eur. (Wind.), Cyrillic (Windows), Greek (Windows), Turkish (Wind.), Baltic (Windows) or Automatic.
Cookies	Choose **Allow** to store cookies used for purposes such as presenting customised web pages to you.
Security warnings	Choose **Show** or **Hide** for secure site notification.
Conf. DTMF sending	Select whether to **First time only** or **Always** before sending DTMF during a call online.

Saved pages

Saved pages are web pages and folders you have stored on the phone to view offline.

Main menu > **Connectivity** > **Browser**

1. [▶] to switch to the **Save pages** tab
2. [▲/▼] to scroll to the desired page → [◉]
3. [▭] (Options)
4. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Open	View saved page or open folder.
Back to page	Return to page you visited before opening Saved pages.
Reload	Download and store the latest version of the saved page.
Saved pages mngr. >	**Move to folder** to move a saved page to a different folder, **New folder**, **Rename** or **Delete**.
Mark/Unmark >	See “Mark/Unmark” on page 25 to perform actions to more than one item.
Navigation options >	**Clear cache** to delete contents in cache memory.
Advanced options >	**Add to Favourites** to create a shortcut to a page from Favourites application.
Settings	See “Browser settings” on page 141.

Operator menu

Your network operator may offer services that you can view using the Browser. Contact your network operator for availability and types of services offered.

Main menu > **Connectivity** > **Operator**

1. In the page, [▭] (Options)
2. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Open	Open highlighted link.
Close browser	Disconnect from your operator's service pages.
Navigation options >	**Go to web address** to go to new address, **History** to select a previously viewed page during current session, **Reload** to update current page.
Advanced options >	**Original screen** to fit page into the display of your phone, **Save page** to save current page to Saved pages list, **Disconnect** to end connection.
Find >	Find phone number, e-mail address or web address on the current page.
Details	View details and security of the current session.
Settings	See "Browser settings" on page 141.

Modem

You can link together your phone as a modem to a computer or a PDA to access the Internet.

To use the X800 phone as a modem, there are three options; connect using either the infrared port or Bluetooth, or connect using the Panasonic USB cable (EB-USX800). See “Accessories” on page 173 for USB cable information.

Prerequisites

Set up a dial-up account with an Internet Service Provider (ISP).

From your ISP, you need the installation CD or your account details (e.g. dial-up number, user name, password, DNS server addresses) to configure Dial Up Networking.

When setting up your Internet account for the first time, select X800 as the connecting modem device. For further details, contact your ISP. For help using Windows® Dial Up Networking, search Windows® Help files.

Installing X800 as modem on computer

To install your phone as a modem on a computer, here is an example. On the computer, select Start > Settings > Control Panel > Modems > Add > Other > Don’t detect my modem > Standard 33600 bps modem > Communications Port > Virtual Com Port. For specific instructions on your computer’s operating system, refer to your computer’s online help.

Note: The procedure described may differ for other software packages.

This information may be on CD-ROM.

If connecting with a data cable, select Com 1 in the Communications Port field.

Setting up connection

Main menu > **Connectivity** > **Modem**

1. Align the infrared port of your phone with the infrared port of the computer
2. [▲/▼] to scroll to **Connect via infrared** → [◉]

   To use Bluetooth, you must start the Bluetooth connection from the computer or device to which you are connecting. To prepare your phone to connect via Bluetooth, see “Setting up Bluetooth” on page 146

   To use USB cable, you must start the connection from the computer or device to which you are connecting
3. The phone confirms when a connection is established

Note: To close the connection, [▭] (Disconn.). If there is an on-going data call, the call is ended first.

Connecting to Internet

1. Now you can create a new GPRS connection. For example, on the computer, select Start > Programs > Accessories > Communications > Dial-Up Networking > Make New Connection. For specific instructions, see your computer’s on-line help
2. Enter X800 as the name you are dialling, and choose Standard 33600 bps Modem as the device then select Next. Choose 115200 as the Maximum speed. In the telephone number field, enter *99# then click Finish
3. Go to Start > Setting > Control Panel > Modems. Click on appropriate Modem > Properties. Go to Advanced Tab and enter the command AT+CGDCONT=1, “IP”, “APN”, 0, 0. Replace APN with the access point name that you have received from your service provider. Click OK

4. You will now have an X800 connection icon in the computer's connection screen. Double click the icon and select Connect to begin the connection

Bluetooth® wireless technology

You can send and receive pictures, video and sound clips, etc. between Bluetooth devices such as mobile phones and computers. Use a Bluetooth headset to talk wirelessly on your phone whilst the phone is in your pocket or purse.

Note: Although Bluetooth devices can connect within a 10 metre range, walls or other nearby barriers may cause interference.

Check with local authorities before using Bluetooth wireless technology as some countries may restrict the use of Bluetooth devices.

Keeping Bluetooth setting "**On**" consumes battery power more rapidly. To conserve battery power, select **Off** in **Bluetooth** setting when not in use (see page 146).

Setting up Bluetooth

You must first set up Bluetooth connections before using it for the first time. Thereafter, go to the Settings tab to switch Bluetooth setting on or off and change your phone's visibility to other Bluetooth devices.

Main menu > **Connectivity** > **Bluetooth**

1. [◀/▶] to switch to Settings tab
2. [▲/▼] to scroll to the desired field → [◉]

Bluetooth	Select **On** or **Off**.
My phone's visibility	Choose **Shown to all** to allow other Bluetooth devices to find your phone when searching, or select **Hidden** to keep other Bluetooth devices from finding it during a search.

Visibility Timeout	Choose **Disabled** to keep **My phone's visibility** setting as **Shown to all**, or scroll to select a time period after which your phone cannot be found by other Bluetooth devices (**My phone's visibility** setting changes to **Hidden**).
My phone's name	Use the default name or enter a name for your phone that other devices will see when they search for your phone.
My Transfer Speed	Choose **Normal**, **Fast**, or **Very Fast**. Turn Bluetooth off, then on to store the change.

Pairing with other device/connecting

Ensure that the device in which you want to pair is switched on, and its Bluetooth setting is activated.

Main menu > **Connectivity** > **Bluetooth**

1. [◀/▶] to switch to **Paired devices** tab → [▭] (Options)
2. [▲/▼] to scroll to **New paired device** → [◉]/[▭] (Select)
3. The phone begins searching for devices and notifies you when it finds the other device
4. Enter the passcode, if requested → [▭] (OK)

   You may need to enter passcodes on the both sides of connecting devices
5. To connect with the device, open the device name → [▭] (Connect)

Note: The passcode may be stated in the connecting device user guide.

Sending/receiving data via Bluetooth

You can send and receive Contacts cards as business cards, Calendar events, pictures, video and sound clips, and receive applications supported by the phone via Bluetooth.

Note: The phone may not allow you to copy, modify, transfer or forward some copyrighted images, ringtones or other contents.

To send data via Bluetooth:

1. Highlight the desired item to send → [▭] (Options)
2. [▲/▼] to scroll to **Send** → [▶]
3. [▲/▼] to scroll to **Via Bluetooth** → [◉]/[▭] (Select)
4. The phone automatically searches for Bluetooth devices nearby

   Devices appear one-by-one. If device has already been paired, icon appears with device name. [▭] (Cancel) to stop search when intended device name pops up

   If the other device has not yet been paired, first decide on a passcode with the other user, then enter it when requested → [▭] (OK)
5. [▲/▼] to scroll to the intended device → [▭] (Select)

   Connecting message appears, then when other device accepts, a confirmation message displays when transfer is complete.

To receive data via Bluetooth:

1. The message is placed in the Inbox.

   In standby mode, [▭] (Show)
2. While viewing the message, [▭] (Options) → [▲/▼] to scroll to **Save** → [◉]/[▭] (Select)

   You can save data to phone memory or miniSD Card.

Note: Confirmation is required first if the paired device is not set as authorised.

Managing paired devices

Main menu > **Connectivity** > **Bluetooth**

1. [▶] to scroll to **Paired devices** tab
2. [▲/▼] to scroll to the desired device → [▭] (Options)
3. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

New paired device	Search for nearby Bluetooth devices.
Assign short name	Change name of paired device to an easily recognised name.
Set as authorised/ Set as unauthorised	Allow automatic connection without manually accepting each time, shown by icon. Unauthorised setting requires confirmation each time the device attempts to connect to the phone.
Delete	Delete the paired device from your list.
Delete all	Delete all the paired devices.

Icons of paired devices

	audio		phone
	computer		miscellaneous

Note: Multiple devices can be paired, however, only one active connection is possible at any given time.

Infrared

Transfer data between your phone and other infrared enabled devices using an infrared wavelength connection. You can also use infrared connections for GSM data services, and access the Internet and e-mail via other devices.

Note: The phone may not allow you to copy, modify, transfer or forward some copyrighted images, ringtones or other contents.

This device contains a low power level Class 1 laser product (Infrared LED), which will not normally harm the eyes. Though invisible to the eye, do not point the infrared beam at anyone's eye.

Preparing for infrared connection

Place your phone and the other device within the effective range of the infrared connection, about 20 cm.

- Verify there are no obstructions between the two devices. Nearby activated infrared devices may cause interference.
- Ensure that the infrared ports of the devices point at each other.
- On the receiving device, activate the Infrared port.
- If the other device is a computer, you need to set up infrared connection on the computer. For example, in Windows, select Start > Settings > Control Panel > Options tab > Enable Infrared Communication. For specific infrared set up instructions for your computer's operating system, refer to the computer's online help.

Note: For Windows® 2000 users, to enable infrared use to transfer files, go to Start > Settings > Control Panel > Wireless Link. In the File Transfer tab, check "Allow others to send files to your computer using infrared communications".

Sending/receiving data via infrared

You can send and receive Contacts cards as business cards, Calendar events, pictures, sound clips, and receive applications supported by the phone.

Prepare for infrared connection as described on page 150.

To send data via infrared:

1. Open the item you wish to send → [▭] (Options)
2. [▲/▼] to scroll to **Send** → [▶]
3. [▲/▼] to scroll to **Via infrared** → [◉]/[▭] (Select)
4. The phone automatically begins infrared connection, indicated by flashing ▪▪▪

   Whilst transferring, icon is steady. A confirmation message displays when complete

   If transfer does not begin within 60 seconds, the infrared connection automatically stops.

To receive data via infrared:

Main menu > **Connectivity** > **Infrared**

1. When the flashing icon ▪▪▪ is displayed, sender can begin transfer of data. A tone sounds when transfer is complete. The message is placed in the Inbox.
2. In standby mode, [▭] (Show)
3. To save data to supporting application: While viewing the message, [▭] (Options) → [▲/▼] to scroll to **Save** → [◉]/[▭] (Select)

   You can rename the file.

USB

Connect to PC Software Suite over your USB cable using USB application.

Connecting to PC Software Suite

Main menu > **Connectivity** > **USB**

1. USB icon appears indicating that USB connectivity has started
2. On your computer, begin the desired task such as backup or sync

Connecting to modem

Main menu > **Connectivity** > **Modem** > **Connect via USB**

1. USB icon appears indicating that USB connectivity has started
2. On your computer, start a connection using the phone as a modem. See “Installing X800 as modem on computer” on page 144

Connection manager

View status, speed, and amount of data transferred for all of your currently active GPRS and Data call network connections.

Viewing connection details

Main menu > **Connectivity** > **Conn Mgr**

A list of currently active network connections appears, sorted according to starting time of connection.

1. [▲/▼] to scroll to the desired connection → [▭] (Options)
2. [▲/▼] to scroll to **Details** → [◉]/[▭] (Select)

Ending connections

Main menu > **Connectivity** > **Conn Mgr**

A list of currently active network connections appears, sorted according to starting time of connection.

1. [▲/▼] to scroll to the desired connection → [▭] (Options)
2. [▲/▼] to scroll to **Disconnect** → [◉]/[▭] (Select)

To end all active connections:

[▭] (Options) → [▲/▼] to scroll to **Disconnect all** → [◉]/[▭] (Select)

Note: GPRS connection cannot be closed if it is currently suspended due to circuit-switched activity.

Synchronisation

Set up profiles and synchronise your Contacts and Agenda (Calendar) entries with your other networked devices.

Creating a new Sync profile

Main menu > **Connectivity** > **SyncML**

1. If there are no profiles, [▭] (Yes)

   OR

   [▭] (Options) → [▲/▼] to scroll to **New sync profiles** → [◉]/[▭] (Select)
2. [▲/▼] to scroll to the desired field → [◉] → Enter information

   Fields marked in the phone with a red asterisk (*) must have an entry.

*** Sync profile name**	Enter a name if not assigned.
Access point	Select desired access point name.
*** Host address**	Enter web address of sync server.

Port	Enter port number of sync server.
User name	Enter your user name for the server.
Password	Enter password.

3. [◀/▶] to switch to Content tab
4. [▲/▼] to scroll to the desired field → [◉]
5. [▲/▼] to scroll to **Yes** → [◉]/[▬] (OK)
6. [▲/▼] to scroll to **Remote database** → [◉] → Enter the location on the network of each of the databases → [◉]/[▬] (OK)
7. [▲/▼] to scroll to **Synchronisation type** → [◉] → [▲/▼] to scroll to **Normal**, **To server only** or **To phone only** → [◉]/[▬] (OK)

Synchronising

If you are synchronising from the server to the phone, you will receive a message in the Messages Inbox. When you open the message, you are asked if you wish the server to begin the synchronisation process. If you accept, the process automatically begins.

To begin synchronising manually:

Main menu > **Connectivity** > **SyncML**

1. [▲/▼] to scroll to the desired profile → [▬] (Options)
2. [▲/▼] to scroll to **Synchronise** → [◉]/[▬] (Select)
   During synchronisation from either direction, you can follow the process on the phone. The phone confirms completion.
3. To cancel synchronisation, [▬] (Cancel)

Options

In Sync profile list, the following options are available by [▭] (Options).

Edit sync profile	To edit highlighted profile, continue with step 2 in "Creating a new Sync profile" on page 153.
Delete	Delete highlighted profile.
View log	View results of a selected server's last synchronisation session.

Device manager

Device manager menu allows service providers to configure and update the connection settings from their servers on your behalf. Settings may include network access points, multimedia, e-mail, and synchronisation connections.

Configuration session

A configuration session can be started either from the Device manager application in the phone, or from the service provider's server.

If your service provider intends to start a configuration session, your phone will show a server alert message. Before the session can begin, your phone asks to activate the server connection and the profile if they are off. Then the phone asks you to accept that the server is ready to configure. If you don't want the session to run, select **Reject** or **Cancel**.

Note: If you set the server profile to accept configuration sessions without verification, then the session will begin in the background. View the process by opening Device Manager application.

To start a configuration session yourself (if server profile is set up):

Main menu > **Connectivity** > **Dev Mgr**

1. [▲/▼] to scroll to the desired server profile → [◉]
2. [◉]/[▬] (Select) to select **Start** → [▬] (Yes)

Creating a new server profile

The server profile is the settings needed to connect your phone to a service provider's device management server, which handles the configuration session procedure.

Main menu > **Connectivity** > **Dev Mgr**

1. If there are no profiles, [▬] (Yes)
   OR
   [▬] (Options) → [▲/▼] to scroll to **New server profile** → [◉]/[▬] (Select) → [▬] (Yes) or [▬] (No)
2. [▲/▼] to scroll to the desired field → [◉] → Enter information
   Fields marked in the phone with a red asterisk (*) must have an entry.

*** Server name**	Use suggested name or enter your own.
*** Server ID**	Server's unique ID identifies the remote server.
Server password	Server password supplied by service provider so your phone can verify server.
Access point	Select desired access point.
*** Host address**	Server's web address.
Port	Server's port number.
*** User name**	Type in your user name for the server.
Password	Device Manager password supplied by service provider so the server can verify your phone.
Allow configuration	Select **Yes** to allow device management to be done by this server.

Accepted	Select **Yes** to allow device management to be done by this server without Accept command.

Options

In Device manager list, the following options are available by [▭] (Options).

Edit profile	To edit highlighted profile, continue with step 2 in “Creating a new server profile” on page 156.
Delete	Delete highlighted profile.
Disable config./ Enable config.	Shortcut to disable/enable configuration sessions.
View log	View the results of a selected server’s last configuration session.

Call Logs

Call Logs menu structure

Recent calls ..... 158 **Call duration .... 159** **GPRS counter .. 160**

Recent calls

Recently dialled phone numbers, answered calls and missed calls are stored in Call Logs. The numbers in the Recent calls list can be used to call, send messages or add to Contacts.

Viewing/Dialling from Recent calls list

Main menu > **Call Logs** > **Recent calls**

1. [▲/▼] to scroll to **Missed calls**, **Received calls** or **Dialled nos.** → [◉]

   List of calls appear with caller or dialled phone number (or name if entered in Contacts), date and time of call. Also, [◀/▶] to view the lists.
2. [▲/▼] to scroll to the desired log
3. [📞] to dial the number

To clear all Recent calls lists:

Main menu > **Call Logs** > **Recent calls**

1. [▭] (Options) → [▲/▼] to scroll to **Clear recent calls** → [◉]/[▭] (Select)

Shortcut: To view the **Dialled nos.** list from the standby screen, [📞].

Options

While highlighting a log in the list, the following options are available by [▭] (Options).

Call	Dial the number.
Create message >	Select **Via text message** or **Via multimedia** to create a new message addressed to the number.
Use number	Use the number as a base to edit for dialling a similar number.
Delete	Delete the number.
Clear list	Erase all numbers from selected list.
Add to Contacts >	**Create new** Contacts card or **Update existing** card using the number.

Call duration

Check the duration of the last call and accumulated duration of dialled calls, received calls, and all calls.

Main menu > **Call Logs** > **Call duration**

1. [▲/▼] to scroll to view duration of **Last call**, **Dialled nos.**, **Received calls** and **All calls** (since last counter reset)

   Times indicated in hours:minutes:seconds.

Options

In Call duration list, the following options are available by [▭] (Options).

Clear timers	Enter the phone lock code to clear all Call duration list. (See “Security settings” on page 50.)
Filter timers	Separate Call duration lists into summaries for each of both lines, Line 1 or Line 2.

Note: Actual times invoiced from your service provider for calls and services may vary from the call timers depending on number of network features purchased, when billing begins and ends, billing rounding off, etc.

GPRS data counter

View the amount of data sent and received by the phone via GPRS.

Main menu > **Call Logs** > **GPRS counter**

All sent data and **All receiv. data** amounts are displayed in kilobytes.

To clear the GPRS counter:

1. [▭] (Options) → [◉] / [▭] (Select) to select **Clear counters**
2. Enter the phone lock code → [◉] / [▭] (OK)
   See “Security settings” on page 50.

Call Logs settings

Main menu > **Call Logs**

1. [▭] (Options)
2. [▲ / ▼] to scroll to **Settings** → [◉] / [▭] (Select)
3. [▲ / ▼] to scroll to the desired setting → [◉]

Log duration	Choose from **No log**, **1 day**, **10 days** or **30 days** to store call information in the logs.
Show call duration	Select **Yes** to switch on a time elapsed counter to display during a call.

General Logs

View details for each communication event such as voice calls, text messages, and GPRS connections.

Main menu > **Call Logs**

1. [▶] to scroll to General Logs tab
   indicates outgoing or sent; indicates incoming or received events; indicates missed incoming calls.
2. [▲/▼] to scroll to an event → [◉] to view details

Options

In General Logs, the following options are available by [▭] (Options).

View details	View details such as direction (in/out), type (voice, data, etc.), duration. [◀/▶] to scroll to the desired event.
Clear log	Clear all events from the log.
Filter	Separate events into a list by type.
Add to Contacts >	**Create new** Contacts card or **Update exsisting** card using the number or address.
Settings	Set up **Log duration**, and choose whether to **Show call duration** or not.

Games

Games menu structure

MicroGolf 162

Balloon Headed Boy 162

Note: For customer support and more information on MicroGolf and Balloon Headed Boy games, visit the forum at www.morpheme.co.uk.

MicroGolf

Play two courses with 18 holes each of a miniature golf game. See HELP in the game for more instructions and tips.

Main menu > **Games** > **MicroGolf**

Navigation options

Rotate clockwise:	[▶] or [**6**]
Rotate anticlockwise:	[◀] or [**4**]
Snap direction to the diagonal:	[**1**], [**3**], [**7**] or [**9**]
Strike the ball:	Press and hold [◉] or [**5**] to increase the power and release to strike the ball.
Toggle player on/off:	[▭]
Move the view:	[**0**] to scroll on the map. [**0**] again to set a new view.
Switch sound on/off:	Press [◉] on **SOUND ON/OFF** in MENU.

Balloon Headed Boy

Help Balloon Headed Boy go through different levels to rescue all the balloons and finally have the birthday party as intended. Watch out for the frogs! Hurry! The water is coming up!

Main menu > **Games** > **Balloon Headed Boy**

Navigation options

Move around on the map:	[▲], [▼], [◀], [▶], [4] or [6]
Enter a level:	[◉] or [5]
Switch sound on/off:	[5] below speaker icon at the title screen. Or [▭] (Pause) and [2] in a level.
Exit from the current level/the game:	[▭]. If you are on the map, select [2] to continue or [8] to exit from the game.

Run:	[◀], [▶], [4] or [6]
Inflate the head to soar:	[▲] or [2]. [▼] or [8] to fall down. This action consumes the energy which gauge is shown in the left top corner. Collect flowers to charge.
Swing the head to attack:	[◉] or [5] on the ground

Downloading games

See “Downloading files from the Internet” on page 140. For customer support of downloaded contents, visit the respective supplier’s website.

Note: Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.

Free contents are available for your X800 phone. For downloading information, visit www.panasonicbox.com. The downloaded contents are free, however, there will be a data communication charge to download.

Quickoffice

Store your Microsoft® Word, Excel, and PowerPoint® documents on your phone. Edit them right on the phone, then beam or send the new documents to another device, or save them to the miniSD Card.

Note: For customer support and more information on Quickoffice, visit www.quickoffice.com.

Viewing documents

Main menu > **Quickoffice**

1. [◀/▶] to switch to **Quickword**, **Quicksheet** or **Quickpoint** documents tab

   A list of documents in phone memory appears.
2. [▭] (Options)
3. [▲/▼] to scroll to the desired option → [◉]/[▭] (Select)

Open	Open highlighted file.
New	Create a new document.
Browse	Select the memory to browse. Open folders as needed to view documents.
File management >	**Sort files** to sort by name, size, date or ext., or **Scan location** to **Scan default**, **Scan mail**, or **Scan all**.
Refresh	Refresh the list view.
Properties	View details of highlighted file.
Send as	Send file **Via e-mail**, **Via Bluetooth**, **Via infrared**.
Delete	Delete highlighted file.
About product	View copyright information about the software.
EULA	View software license agreement.

Note: You can also view and move your documents from File manager (see “Options” on page 134).

Quickword

Viewing Microsoft® Word documents

Documents open in read-only full screen view.

Main menu > **Quickoffice**

1. [◀/▶] to switch to **Quickword** documents tab
2. [▲/▼] to scroll to the desired document → [◉]
3. [◀/▶] to move one line at a time
   [▲/▼] to move one page at a time
   [◉] to toggle between **View mode** and **Edit mode**

Shortcut: In view mode, you can scroll through the long document by percentage: [**2**] for 20% of the document, [**3**] for 30%, etc., [**9**] for 90%, [**0**] to go to beginning.

Options

In View mode, the following options are available by [▭] (Options).

Edit mode	Go to **Edit mode**.
Search >	Choose **Find**, **Find Next** or **Replace**. Enter text to be located in Find field. In other fields, [▶] to choose a search range. Then [▭] (Find).
Goto >	To go to desired place in the document, choose **Top**, **Percent** or **Bottom**.
Zoom >	**Zoom in**, **Zoom out** or **Zoom 100%** document by desired amount.
Autoscroll	Automatically scroll document line by line. [▼] to increase speed, [▲] to decrease speed.
Print	Print document by sending it via Bluetooth or infrared.

Editing Microsoft® Word documents

From an open document:

1. [◉]
2. Edits will be made to the original document unless you first make a copy and rename the file
   [▲/▼/◀/▶] to scroll through the document
   [◉] to toggle between **View mode** and **Edit mode**
   To highlight text to apply a format, hold down [✎], then [◀/▶]
   For more text editing options, see “Text Entry” on page 36.

Options

From an open document, the following options are available by [▭] (Options).

View mode	Go to **View mode**.
Font	Choose a font name and size to apply to highlighted text.
Style >	Choose **Bold**, **Italic** or **Underline** to apply to highlighted text.
Alignment >	Choose **Left**, **Centre** or **Right** alignment to apply to highlighted text.
Colour	Choose a colour to apply to highlighted text.
Bullet	Apply bullet to highlighted text.
Search >	Choose **Find**, **Find Next** or **Replace**. Enter text to be located in Find field. In other fields, [▶] to choose a search range. Then [▭] (Find).
Print	Print document by sending it via Bluetooth or infrared.

Note: Tables, pictures or embedded objects in Microsoft® Word documents cannot be displayed on the phone. If a file containing tables, pictures or embedded objects is edited and saved on the phone, then the non-text material may not be saved.

Quicksheet

Viewing Microsoft® Excel documents

Documents open in read-only full screen view.

↬ Main menu > **Quickoffice**

1. [◀/▶] to switch to **Quicksheet** documents tab
2. [▲/▼] to scroll to the desired document → [◉]
3. [▲/▼/◀/▶] to scroll through the document
   [◉] to toggle between **View mode** and **Edit mode**

Options

In View mode, the following options are available by [▭] (Options).

Edit Cell	Select to edit highlighted cell.
Worksheets >	Select, insert, rename or delete worksheets.
Toggle Full Screen	Toggle between full screen and reduced screen.
Zoom >	Choose a size to zoom document.
Freeze >	Freeze **Row**, **Column** or **Both** for the highlighted cell.
Adjust Column Width	[◀/▶] to adjust column width.
Clipboard >	Choose **Cut**, **Copy**, **Paste** or **Select all** to apply to highlighted cells.
Search >	Choose **Find** or **Replace**. Enter text to be located in Find field. In other fields, [▶] to choose a search range. Then [▭] (Find).
Properties >	Set cursor movement after entry and toggle auto-recalculations.
Print	Print document by sending it via Bluetooth or infrared.

Editing Microsoft® Excel documents

From an open document:

1. [▲/▼/◀/▶] to scroll to the desired cell → [◉]
2. Edit the cell → [◉]
   [◀/▶] to move the cursor left or right within a cell
   [◉] to toggle between **View mode** and **Edit mode**
   To select cells, hold down [✎], then [▲/▼/◀/▶]

Options

In Edit mode, the following options are available by [▭] (Edit).

Accept Text Edit	Enter the edit.
Revert Text Edit	Revert to previous cell content.
Operators >	Choose from list of match operators and commonly used symbols.
Functions >	Choose from list of spreadsheet functions.
Range Select	Select a range of cells, [✎] then [▲/▼/◀/▶] to highlight.
Formatting >	Choose from list of formatting.
Alignment >	Choose **Default**, **Left**, **Centre** or **Right** to apply to highlighted cells.
Font >	Apply **Bold** or **Underline** font style.
Colour >	Apply colour to font or cell.
Style >	Choose from list of text and number styles.
Clipboard >	Choose **Undo**, **Cut**, **Copy**, **Paste** or **Select all** to apply to highlighted cells.
Clear >	Clears highlighted cell formatting, formula content, or both.
Print	Print document by sending it via Bluetooth or infrared.

Note: Macros, pictures, graphs or embedded objects in Microsoft® Excel documents cannot be displayed on the phone. If a file containing macros, pictures, graphs or embedded objects is edited and saved on the phone, then the non-text material may not be saved.

Quickpoint

Viewing Microsoft® PowerPoint® documents

Documents open in outline view.

Main menu > **Quickoffice**

1. [◀/▶] to switch to **Quickpoint** documents tab
2. [▲/▼] to scroll to the desired document → [◉]
3. [◀/▶] to move between outline, notes, slide, and thumbnail views

Navigation shortcuts

View	Action	Keypress
Outline, Notes, Slide	Toggle between full screen and partial screen	[◉]
Slide view full screen	Zoom out Zoom in Fit to screen	[1] [2] [3]
Outline, Notes, Slide	Previous slide Next slide	[▲] or [✱] [▼] or [#]
Thumb (4 slides per page)	Page up Page down Next slide Previous slide	[▲] [▼] [#] [✱]

View	Action	Keypress
Outline	Collapse slide	[1]
	Expand slide	[3]
	Collapse all	[4]
	Expand all	[6]
	Edit slide	[2]

Options

The following options are available by [▭] (Options).
The options menu varies in an open PowerPoint® document, depending on which of the 4 views you are using.

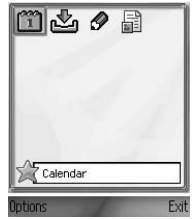
Toggle Screen	Toggle screen in outline, notes, and slide view.
Edit >	In outline view, you can edit the entry, insert and delete slides. In notes view, you can edit the entry.
Outline >	In outline view, expand and collapse one or all slides.
Navigate >	In all views, move to next or previous page or slide.
Goto >	Go to another view.
Pitch >	Start or stop pitch device.
Print	In outline or notes view, print document by sending it via Bluetooth or infrared.
Exit >	In thumb view, choose **Close and save**, **Close and save as** or **Close and discard** for documents that have been edited.

Note: Animation, multimedia, or embedded objects in Microsoft® PowerPoint® documents cannot be displayed on the phone. If a file containing animation, multimedia or embedded objects is edited and saved on the phone, then the non-text material may not be saved.

Favourites

Favourites stores shortcuts to your frequently used documents, images and preset applications stored in phone memory or miniSD Card.

Opening a favourites shortcut



Main menu > **Favourites**

1. [▲/▼/◀/▶] to scroll to the desired shortcut → [◉]

Adding a shortcut to favourites

1. Open the desired item to store a shortcut in Favourites → [▭] (Options)
2. [▲/▼] to scroll to **Add to Favourites** → [◉]/[▭] (Select)

Options

When viewing the shortcuts, the following options are available by [▭] (Options).

Edit shortcut name	Change the name of highlighted shortcut.
Shortcut icon	When this option appears, choose a different icon picture by scrolling through grid.
Delete shortcut	Remove highlighted shortcut from Favourites.
Move	A checkmark appears on highlighted shortcut icon. Select the desired location.
List view/Grid view	View highlighted shortcuts in a list or grid view.

To change the wallpaper of the Favourites screen:
See **Favourites wallpaper** setting on page 43.

Note: Adding to Favourites is available only in certain applications.

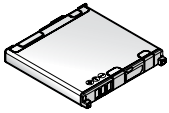
The default shortcuts to Today in Calendar, Inbox in Messages, and Notepad cannot be deleted, nor can the icon be changed.

Accessories

Many accessories are available for your Panasonic phone. To purchase Genuine Panasonic accessories visit: **www.panasonicmobile.com**

Battery (EB-BSX800)

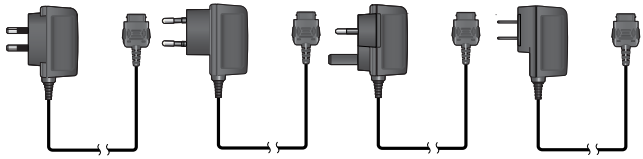
Double your talk time by having a spare battery.



Travel charger

Carry this wherever you go, so you can always recharge your battery.

(EB-CAX800 AU) (EB-CAX800 EU) (EB-CAX800 UK) (EB-CAX800 US)

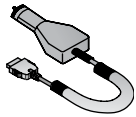


Personal handsfree (EB-EMX800)

Talk and move while keeping your hands free, by using a personal handsfree. Put the ear piece in your ear and the adaptor in the side of the handset, and talk.

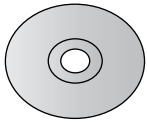
In-car charger (EB-CDX800)

Recharge the battery using your vehicle's cigarette lighter socket.

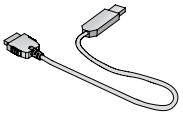


CD-ROM

Transfer data between your phone and your PC, using Bluetooth, Infrared or USB cable.



USB cable (EB-USX800)



Use this to connect your phone to a PC to transfer data between them. Use in conjunction with the software provided on the CD-ROM.

Bluetooth® headset (EB-BHX70)

Talk handsfree and without wires. Place the headset on your ear and the phone in your pocket, with no wires connecting the two.

miniSD Card

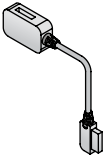
miniSD (secure data) memory card stores sound, video, picture, and voice files. Card memory size varies.

miniSD Card adapter

This adapter allows you to use your miniSD Card in a standard SD socket.

See “Using miniSD Card and miniSD Card adapter” on page 130.

Branch cable (EB-CBX800)



This cable branches the connection to a USB cable (EB-USX800), Personal handsfree (EB-EMX800) and Battery charger so that you can transfer data, talk handsfree and recharge the battery simultaneously.

Note: When you use a miniSD Card with an SD Memory Card application device, please insert the card in the miniSD Card adapter which is included in the package. When you use the card with an SD Memory Card application device, please insert and remove the card with the adapter at the same time and never leave the adapter in the device.

Contact

	(ASIA-PACIFIC)	
AUSTRALIA	Panasonic Australia	**132-600**
HONG KONG	Shun Hing Technology Co., Ltd.	**2313-0888**
INDIA	Panasonic India Pvt. Ltd.	**(0120)-256-7045**
INDONESIA	PT. MET GOBEL	**(021)-8015666**
MALAYSIA	Panasonic Malaysia Sdn, Bhd.	**(03)-55437004**
NEW ZEALAND	Panasonic New Zealand Ltd.	**(09)-272-0100**
PHILIPPINES	Panasonic Philippines	**(02)-899-4595 to 98**
SINGAPORE	Panasonic Singapore	**6282-6868**
TAIWAN	Panasonic Systems Sales Taiwan Co., Ltd.	**(02)-2725-9100**
THAILAND	Panasonic Siew Sales (Thailand) Co., Ltd.	**(02)-731-8888 ex. 2310**
VIETNAM	Matsushita Electric Industrial Co., Ltd. Ho Chi Minh Office	**(08)-8219160**
	(LATIN AMERICA)	
BRASIL	Panasonic do Brasil Ltda.	**(0800)-704-2019**
COLOMBIA	Panasonic de Colombia S.A.	**(1)-623-3383**
MEXICO	Panasonic de Mexico, S.A. de C.V.	**(55)-5-488-1000**
PANAMA	Panasonic Latin America, S.A.	**(229)-2955**
PERU	Panasonic Peruana S.A.	**(1)-614-0000**
VENEZUELA	Panasonic de Venezuela, C.A.	**(212)-945-3022**

Changing the X-Changeable Cover

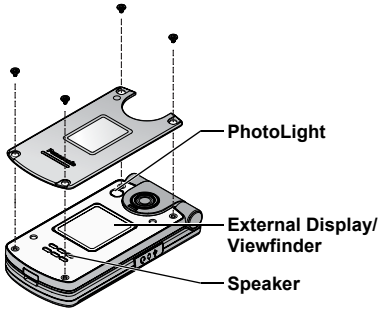
Before changing the cover, always switch off the power and disconnect the phone from the charger or any other devise. For your safety, follow these procedures when removing or attaching the cover.

Removing the cover

Loosen and remove the 4 screws with the screw driver included in this package and then gently remove the cover.

Attaching the cover

Place the cover right in the hollow in the phone and tighten the 4 screws firmly.
Ensure that there is no dust caught between the cover and the hollow.



Note: Do not use the phone without the cover attached.

Do not overtighten the screws or force to screw when the cover is not placed in the right position. Do not force to pull the cover.

Use only covers designed for this model.

Troubleshooting

Problems

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. Press and hold [⏻] for at least 2 seconds.
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 battery level indicator does not appear and the phone cannot be switched on when charging.	The battery is not attached to the phone or the battery has been deeply discharged.	Leave the phone charging the battery for a few minutes before the battery level indicator appears and 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.
	The battery was connected to the phone after the Travel charger was connected.	

Problem	Cause	Remedy
Battery fails to charge.	The battery temperature exceeds the charging temperature range (too hot or too cold).	Use the battery at room temperature.
Display looks faded.	The Brightness setting is accidentally changed.	Check the **Brightness** setting (see page 45).
Calls cannot be made.	The phone is locked.	If keypad is locked, [▭] (Unlock) → [✱]. If the phone is locked, enter the lock code.
	Outgoing calls are barred.	Disable outgoing call barring or barred dialling.
	Fixed dialling is switched on so that only the numbers stored in Fixed dialling can be dialled.	Switch off the Fixed dialling.
	The phone is not registered with a network.	Move to a coverage area and operate your phone after it has registered with a network.
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 with a network.	Move to a coverage area and operate your phone after it has registered with a network.

Problem	Cause	Remedy
Cannot delete sound file (xmf/ midi/mmf/amr) after copying to another location in the phone.		After copying a sound file it becomes a read only file. To delete the file use CD-ROM (Panasonic X800 PC Software Suite). Select File Transfer, find the file you want to delete, right click and in File Properties, deselect Read only. Click OK. File can now be deleted from phone.
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.
Phone numbers cannot be recalled from Contacts list.	The phone is locked.	Unlock the phone.
	Phone number has been restricted.	Switch off restriction.

Error messages

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

Unable to install.	Unable to install game, ringing tone, application, etc., for various reasons such as not enough memory, or downloading failed.
No access points defined. Define now?	You need to set up an access point for your phone to access the service you are requesting, such as Multimedia messaging, e-mail, or browsing the Internet.
Memory full.	Phone memory is full. Delete some files before new files can be stored. See “Shared phone memory” on page 25.

No network coverage	There is no network service in your current location.
Network busy Connection error	Network is overloaded with calls or there was an error trying to connect to the network.
Unable to send message. Maximum message size is xxx.	File size of object attached to message is too large to send. The xxx will be replaced by a file size. You may be able to send the file by infrared, Bluetooth or transfer by PC Software Suite.
Unable to connect. No network coverage.	Cannot connect to server you are requesting.
Secure connection not available	Network cannot establish a secure connection.
SIM card registration failed	The network cannot register your SIM card. Contact your service provider.
PIN code blocked. Enter PUK code:	PIN code was entered incorrectly 3 times, therefore the SIM card is locked. Enter the PUK code, supplied by service provider.
PIN2 code blocked. Enter PUK2 code:	PIN2 code was entered incorrectly 3 times, therefore the SIM card is locked. Enter the PUK2 code, supplied by service provider.
SIM card rejected	The phone is set to accept only certain SIM cards. It will not accept the currently inserted SIM card.

Glossary of Terms

Access Point	Access Point Name. Directs the user to the gateway or the required service.
Bluetooth	Low power radio technology for high-speed wireless connection between computers and mobile devices.
BT Accessories	Business Travel Accessories
CSD	Circuit Switched Data. A communication method used to transmit data over telephone connections.
DCIM	Digital Camera IMages. DCIM is a folder, which is placed directly under the root and stores still images.
DTMF	Dual Tone Multi-Frequency allows 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.
GSM	Global System for Mobile communications. The name given to the advanced digital technology that your phone uses.
Infrared	A type of connection that allows data to be wirelessly transmitted directly to another device.
JAVA	A programming language developed by Sun Microsystems. Programs written in JAVA do not rely on an operating system.
MCN	Micro-Cellular Network. A mobile network consisting of micro cells that provide traffic resources for both micro-cellular and normal GSM use.
MIDlet	A MIDlet is an application. MIDlet applications are written in MIDP, which is a new standard format of JAVA for mobile devices.
miniSD card	mini Secure Digital card can contain data which is encoded to protect copyright material. A solid state storage device for still images, video footage and music. Broadly used for different types of devices to share data.

Network Operator	The organisation responsible for operating a GSM network.
Password	Used for the control of Call bar. Supplied by your service provider.
PIN / PIN2	Personal Identification Number used for SIM card security. Supplied by your service provider. If the PIN or PIN2 is entered incorrectly several times (3 times for PIN2), the PIN or PIN2 will be blocked.
PUK / PUK2	PIN or PIN2 Unblocking Key. Used to unblock the PIN or PIN2 code. Supplied by your service provider. If the PUK or PUK2 is entered incorrectly 10 times, the PUK or PUK2 will be blocked.
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/GPRS network.
TLS	Transport Layer Security. A network layer that looks after the security of the communication session.
UDP	User Datagram Protocol. A communications protocol, which makes it possible to send a datagram transmissions from one device to a recipient device.
USSD	Unstructured Supplementary Services Data. Similar to SMS, USSD uses the GSM network's signaling path to transmit information. Yet, USSD is session-oriented.
WAP	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone.
XHTML	eXtensible HyperText Markup Language. Works as an application of XML. Whereas HTML only describes how the data should be displayed or used, XML describes the type of data.

Specifications

Bands Supported
GSM 900 Class 4
GSM 1800 Class 1
GSM 1900 Class 1

Standby Time*1
70 - 230 hours

Talk Time*1
2 - 5.5 hours

Charging Time*2
Up to 120 min.

Temperature Range
Charging: +5°C - +35°C
Storage: -20°C - +60°C

Weight
99 g (including battery)

Dimensions
Height: 100 mm
Width: 48 mm
Depth: 17.2 mm/17.6 mm for Australia (excluding protrusions)

Volume
79 cc/80 cc for Australia

Battery
720 mAh Li-ion

Antenna
Internal

SIM Type
1.8 V/3 V

Games (Pre-installed games)
2

Backlight Colour
White

Ringtones
Preset: 20 (Varies depending on Data Folder)

Displays
Main display: 176 x 208 pixels TFT LCD; 65k colours
External display: 64 x 96 pixels CSTN LCD; 56k colours

Camera
Type: VGA CMOS
PhotoLight: Range 1-2 m
Video: H.263 Encode and Decode; MPEG4 Decode; 3GPP OMA compliant streaming
Other features: “Superbright” PhotoLight; up to 4X Zoom; Frames; Crop

Connectivity
Bluetooth: Serial port, Dial-up networking, Object push, File transfer, Headset, and Handsfree profiles (Bluetooth specification version v1.1)
Infrared: SIR (slow infrared)
USB: v1.1

*1 Talk and Standby times will be dependant upon network conditions, SIM card, backlight usage, battery condition/ charging management and the use of applications such as camera and games where available.

*2 Charging time depends on usage and battery condition.

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CP8 Patent

CE0168

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miniSD

miniSD™ Memory Card

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POWERED

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