

Emergency Services and Safety Precautions

Emergency Services

To make an emergency call in any country

☛ Press 112 ☛

Ask the operator for the service which you require: Police, Ambulance, Fire Brigade, Coastguard or Mountain Rescue Services. Give your position and, if possible, remain stationary to maintain phone contact.

The 112 emergency number service is available on every digital network service. The number 999 is an alternative emergency number for the UK only, and can only be used with a valid SIM card.

☛ *Due to the nature of the cellular system, the success of emergency calls cannot be guaranteed.*

General Care

A cellphone contains delicate electronic circuitry, magnets, and battery systems. You should treat it with care and give particular attention to the following points.

- Do not allow the phone or its accessories to come into contact with liquid or moisture at any time.
- Do not place anything in the folded phone.
- Do not expose your phone to extreme high or low temperatures.
- Do not expose your phone to naked flame, cigars or cigarettes.
- Do not paint your phone.
- Do not drop or subject your phone to rough treatment.
- Do not place the phone alongside computer disks, credit cards, travel cards and other magnetic media. The information contained on disks or cards may be affected by the phone.
- Do not leave the phone or the battery in places where the temperature could exceed 60°C: e.g. on a car dashboard or on a window sill, behind glass in direct sunlight, etc.
- Do not remove the phone's battery while the phone is switched on.
- Take care not to allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals.
- Do not dispose of battery packs in a fire. Your phone's Li-ion batteries may be safely disposed of at Li-ion recycling points. For more specific battery and power supply information, see page 3.

- Do not put your phone's battery in your mouth as battery electrolytes may be toxic if swallowed.
- Do not attempt to dismantle the phone or any of its accessories.
- This equipment is fitted with an internal battery that can only be replaced by a qualified service engineer. There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of the used battery in accordance with the manufacturer's instructions.
- Using any battery pack, AC adapter or Vehicle power adapter (option) not specified by the manufacturer for use with this phone creates a potential safety hazard.
- The earpiece may become warm during normal use and the unit itself may become warm during charging.
- Use a damp or anti-static cloth to clean the phone. Do NOT use a dry cloth or electrostatically charged cloth. Do not use chemical or abrasive cleaners as these could damage the case.
- Remember to recycle: the cardboard packaging supplied with this phone is ideal for recycling.
- Do not leave the battery pack empty or disconnected for a long time, otherwise some data may be initialized.
- Your phone contains metal which may cause you an itch, a rash or eczema depending on your constitution or physical condition.
- Take care not to put your phone in the back pocket of your trousers or skirt and then sit on it. Also, do not put your phone at the bottom of bag where it may subject to excessive weight or pressure. Doing so may damage the LCD and camera lens and cause them malfunction.
- Take care not to hold the Light too close to your or other people's eyes when the Light is lit.
- Do not aim or direct the InfraRed (IR) data port towards your or other people's eyes when using the IR data exchange.
- The foam covers the earpiece of the headset (option). Do not put any other part of the headset in your ears.

Aircraft Safety

- Switch off your phone and remove its battery when inside or near aircraft. The use of cellphones in aircraft is illegal. It may be dangerous to the operation of the aircraft and it may disrupt the cellular network. Failure to observe this instruction may lead to suspension or denial of cellphone service to the offender, or legal action, or both.
- Do not use your phone on the ground without the permission of the ground crew.

Hospital Safety

- Switch off your phone in areas where the use of cellphones is prohibited. Follow the instructions given by

the respective medical facility regarding the use of cellphones on their premises.

General Safety

- Observe 'Turn off 2-way radio' signs, such as those near stores of fuel, chemicals or explosives.
- Do not allow children to play with the phone, charger or batteries.
- Small parts are included in your phone. Keep them out of reach of small children, for whom it could be a choking hazard.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a cellphone is used next to them. Observe any warning signs and manufacturer's recommendations.
- If you have a weak heart, you should take extra precautions when setting functions such as the Vibrator and Ringer volume functions for incoming calls.
- If you set the Vibrator setting to anything other than OFF, be careful that the phone is not near a source of heat (e.g. a heater) and that it does not fall from a desk due to the vibration.

Road Safety

- You MUST exercise proper control of your vehicle at all times. Give full attention to driving.
- Observe all the recommendations contained in your local traffic safety documentation.
- Pull off the road and park before making or answering a call if driving conditions so require.
- You MUST NOT stop on the hard shoulder of a motorway to answer or make a call, except in an emergency.
- Switch off your phone at a refuelling point, such as a petrol station, even if you are not refuelling your own car.
- Do not store or carry flammable or explosive materials in the same compartment where a radio transmitter, such as a cellphone, is placed.
- Electronic vehicle systems, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment can advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems caused by radio transmissions, consult your dealer and do not switch on your phone until it has been checked by qualified approved installers.

Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Third Party Equipment

The use of third party equipment, cables or accessories, not made or authorized by NEC, may invalidate the warranty of your cellphone and also adversely affect the phone's operation. For example use only the NEC mains cable supplied with the AC charger.

Service

The cellphone, batteries and charger contain no user-serviceable parts. We recommend that your NEC cellphone is serviced or repaired by an NEC authorized service centre. Please contact your Service Provider or NEC for advice.

Non-ionizing Radiations

The radio equipment shall be connected to the antenna via a non-radiating cable (e.g. coax).

The antenna shall be mounted in a position such that no part of the human body will normally rest close to any part of the antenna unless there is an intervening metallic screen, for example, the metallic roof.

Use only an antenna that has been specifically designed for your phone. Use of unauthorized antennas, modifications or attachments could damage your phone and may violate the appropriate regulations, causing loss of performance and radio frequency (RF) energy above the recommended limits.

Efficient Use

For optimum performance with minimum power consumption, note the following:

- Your phone has the internal antenna. Do not cover part of the internal antenna of the phone with your hands. This affects call quality, may cause the phone to operate at a higher power level than needed and may shorten talk and standby times.

Radio Frequency Energy

Your phone is a low-power radio transmitter and receiver. When it is turned on, it intermittently receives and transmits radio frequency (RF) energy (radio waves). The system that handles the call controls the power level at which the phone transmits.

Exposure to Radio Frequency Energy

Your phone is designed not to exceed the limits for exposure to RF energy set by national authorities and international health agencies. * These limits are part of comprehensive guidelines and establish permitted levels of radio wave exposure for the general population. The guidelines were developed by independent scientific organizations such as ICNIRP (International Commission on Non-ionizing Radiation Protection) through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety

of all persons, regardless of age and health, and to account for any variations in measurements.

- * Examples of radio frequency exposure guidelines and standards that your phone is designed to conform to:
 - ICNIRP, "Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz)-International Commission on Non-ionizing Radiation Protection (ICNIRP)", Health Physics, vol. 74, pp. 494-522, April 1998.
 - 99/519/EC Council Recommendation on the limitation of exposure to the general public to electromagnetic fields 0 Hz-300 GHz, Official Journal of the European Communities, July 12, 1999.
 - ANSI/IEEE C95.1-1992, "Safety levels with respect to human exposure to radio frequency electromagnetic fields, 3kHz to 300 GHz". The Institute of Electrical and Electronics Engineers Inc., New York, 1991.
 - FCC Report and Order, ET Docket 93-62, FCC 96-326, Federal Communications Commission (FCC), August 1996.
 - Radio communications (Electromagnetic Radiation Human Exposure) Standard 1999, Australian Communications Authority (ACA), May 1999.

Declaration of Conformity

- This product complies with the requirements of the R&TTE Directive 1999/5/EC. The 'Declaration of Conformity' leaflet can be found within this box.

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Before You Start

User's manual conventions

The instructions in this user's manual make use of the shortcuts selection except special cases.

The following markers are used throughout the user's manual to attract your attention:



This type of paragraph will contain details of where to find information related to the topic in question.

This type of paragraph will contain information worth noting.

This type of paragraph will contain important information.

This type of description will contain procedures to operate your phone.

Menu shortcuts selection

The alternative shortcuts method of selection lets you jump straight to a menu or function without highlighting an icon and scrolling through the intermediate menu options. The selection is made by pressing numbers which relate to the displayed menu options.

The instructions in this user's manual make use of the shortcuts selection, except in special cases.

Reading the titles

Some titles in this manual contain information on how to access the functions. In these titles, **M** stands for **(MENU)**, the numbers indicate the menu shortcut numbers (see "Overview of menu function" on page ix for details) and ... (three periods) indicate that there are more operations described in the paragraph.

Reading the procedures

"**Highlight**" means to use the four way navigation keys (**▲▼◀▶**) to move the area emphasized with different colouring.

"**Select**" means to highlight an item and then press **○**.

Procedures are written omitting the verb "press", except in some special cases.

For example, **(MENU) 1 2** means to:

- Start from the standby screen → Press **(MENU)** to display the Main menu screen
- Press 1 to display the Settings screen → Press 2 to display the Phone modes screen

Simple procedures are connected by arrows (**→**).

Check box/Radio button

A check box enables/disables an option out of a set of options, and multiple check boxes can be selected at the same time. On the other hand, selecting a radio button automatically cancels the previous selection, so only one radio button can be selected at one time.

A check box/radio button option can be selected/cancelled by highlighting it and pressing **○**.

Desktop icon area

This area contains the automatically displayed and the manually created desktop icons. They provide shortcuts to certain items/functions.

Help area

This area contains help information appropriate for the current screen (e.g. key presses remaining when composing a message).

Softkey area

This area contains context sensitive descriptions of the Softkeys' functions appropriate for the current screen.



Status bar area

This area contains icons which indicate the battery strength, new SMS/MMS message(s), signal strength, etc. (see page vii). On screens other than the standby screen, the clock display is placed in this area.

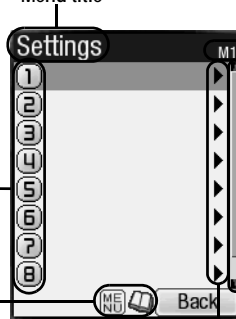
Shortcut number

Press the appropriate number to jump straight to a next menu. The row colour is changed when selected (e.g. to activate/deactivate a facility).

Help icons

Displayed when you can use the key represented by these icons (see page vii).

Menu title



Shortcut menu number

The current menu number is displayed.

Page scroll bar

Displayed when you can press ▼ to scroll to the next page.

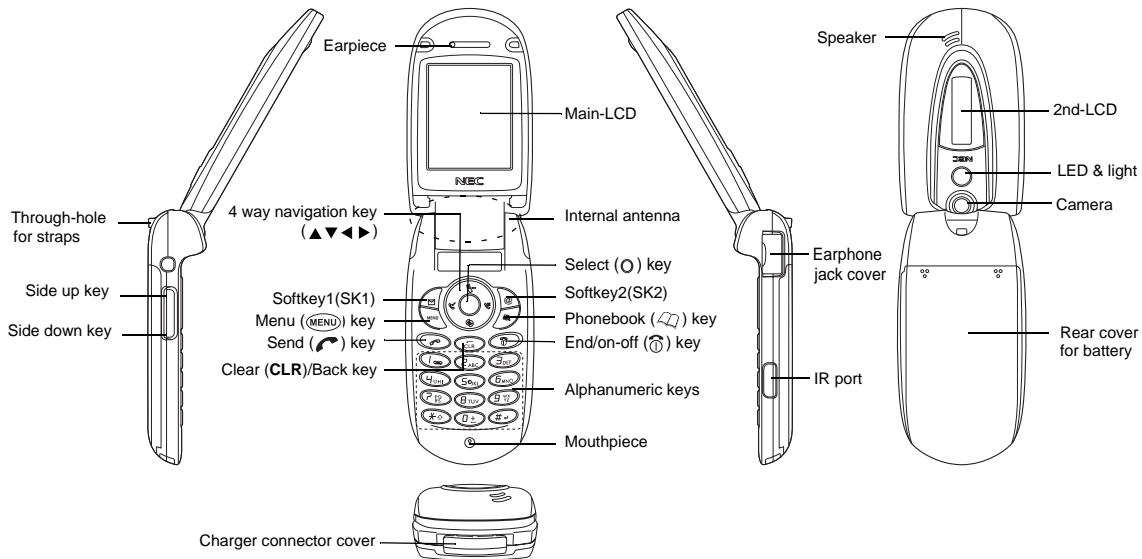
Next menu icon

Displayed when you can press ► or the shortcut number to show the next menu.








The Liquid Crystal Displays (LCD) on your phone are manufactured using high-precision technology. Even so, the LCD may contain pixels (dots) that fail to light or that remain permanently lit. Note that this is normal and does not indicate a problem with your display.

Parts and functions



Keypad shortcuts

The following operations are available from the standby screen.

Key	Operation that involves pressing a key	See page	Operation that involves pressing and holding a key	See page
	Accessing the Main menu screen	ix	Setting/Canceling the Side key lock	22
SK1	Accessing the Message screen	29	Accessing the Msg type screen to create a new message	36
SK2	Accessing the Amena homepage.	42	-	-
	Accessing the Phonebook list screen	49	-	-
▲	Accessing the Phone modes screen	23	Setting the phone to Meeting mode/Returning to the previous mode	23
▼	Accessing the My data screen	61	Accessing the voice recall	7
◀	Accessing the received calls list	10	Accessing the received calls list	10
▶	Accessing the missed calls list	10	Accessing the missed calls list	10
	Accessing the dialled calls list	10	Accessing the dialled calls list	10
	Highlighting a desktop icon	18	-	-
	Ending a call or returning to the standby screen	-	Powering off	4
CLR	Deleting character or returning to the previous screen	-	Deletes all the automatically displayed desktop icons	19
			Deleting all characters when you enter text	-
1	Entering phone numbers	5	Calling the Voice mail centre	54
2 to 9	Entering phone numbers	5	One-touch dial to the corresponding number in the phone-book(SIM)	7
0	Entering phone numbers	5	Entering + when you make an international call	13
#	Entering #	5	Entering a pause	-
*	Entering *	5	Switching the ALS line 1/2 (If the SIM card supports ALS)	22
Side up	Accessing the volume control screen when your phone is open (Use ▲ , ▼ , Side keys or 0 to 9 keys to adjust the volume.)	22	Accessing the camera view finder screen	55
	Activating the ring silencer function when you receive a call	22		
Side down	Accessing the volume control screen when your phone is open (Use ▲ , ▼ , Side keys or 0 to 9 keys to adjust the volume.)	22	Turning on the light (To turn it off, press any key or open/close your phone.)	-
	Activating the ring silencer function when you receive a call	22		

Main-LCD



Indicates the battery level.



Indicates the battery charging status (fast, slow, pause).



Indicates that there is a new SMS in your phone.



Indicates that there is a new SMS on the network.



Indicates that the SIM memory is full.



Indicates that the Inbox in your phone is full.



Indicates that there is an MMS on the server.



Indicates that there is an Email on the server.



(red, green/red, green)

Indicates that new voice mail messages are on the network (No ALS/ALS Line 1/2).



Indicates that you have received an alert message.



Indicates secured communication on WTLS in WAP browsing.



Black indicates that PDP Context is activated, and pink indicates the connection with GPRS network.



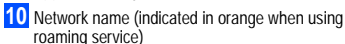
Indicates the line status (ALS line 1/2 no ALS). The icon with a red bar displayed in red indicates that the ALS line 1 or 2 is unencrypted/no ALS.



Indicates the signal strength level.



Appears when you are outside the service area.



Network name (indicated in orange when using roaming service)



Desktop icons



Indicates the Meeting mode, Pocket mode, Car mode.

No icon appears for the Normal mode.



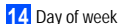
Indicates alarm-on, sound-off, vibrator-on, sound-off/vibrator-on.



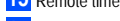
Indicates the IR modem is set to on.



Date



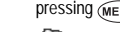
Day of week



Remote time



Local time



Indicates that you can use the options menu by pressing **(MENU)**.



Indicates that you can use the phonebook list by pressing **(V)**.

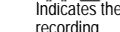


Indicates that the help display is available by pressing **(H)** when using SIM toolkit

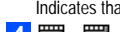
<When the camera/video view finder is in operation>



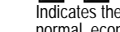
Indicates single/burst mode (camera).



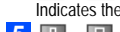
Indicates the video mode is on or the video is recording.



Indicates that the self timer is on.



Indicates the quality of the picture (super fine, fine, normal, economy or super economy).



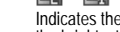
Indicates the quality of the video.



Indicates the photo/video screen size.



Indicates the shooting environment.



Indicates the brightness setting. The "+2" setting is the brightest.



Indicates the zoom level.

<When the video preview is in operation>



Indicates the video mode is set to on, the video is playing, on pause, fast forwarding, or rewinding.



Indicates the track information of the video (the video file only, the video and audio file, or the audio file only).



Indicates the video is played in normal/enlarged screen size.

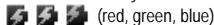


Displays the current volume level. The 0 is mute and 9 is the maximum.

2nd-LCD



Indicates the battery level.



Indicates the battery charging status (fast, slow, pause).



Indicates that there is a new SMS in your phone.



Indicates that there is a new SMS on the network.



Indicates that the SIM memory is full.



Indicates that the Inbox in your phone is full.



Indicates that there is an MMS on the server.



Indicates that a new voice mail message is on the network (No ALS/ALS Line 1/2).



Indicates that the alarm is set.



Indicates that the vibrator is set.



Indicates that the phone is in the Meeting mode.



Indicates that the phone is in the Pocket mode.



Indicates that the phone is in the Car mode.

No icon appears for the Normal mode.

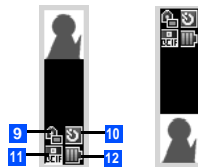


Indicates the signal strength level.



Appears when you are outside the service area.

<When 2nd-LCD is used as the camera view finder screen>



The left image is when the phone is folded, and the right image is when the phone is open.



Indicates single or burst mode of the camera.



Indicates that the video mode.



Indicates the video is recording.



Indicates that the self timer is on.



Indicates the photo/video screen size.



Indicates the battery level.

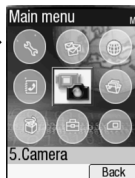
Overview of menu function

Standby



→ MENU →

Main menu screen



← CLR
or
SK2 ←

The Main menu has a set of icons for its top levels of options which can be selected either using a combination of the 4-way navigation key (▲▼◀▶) and ○ (menu selection), or just the keypad (shortcuts selection).

- ☞ The title of the selected option will be displayed in the Help area.
- ☞ SIM toolkit icon is displayed only when your SIM card supports this function.
- ☞ With the Main menu screen displayed, press 0 to display your own number.

Key	Main menu	Second level menu
1	Settings	Phone
		Phone modes
		Main-LCD
		2nd-LCD
		Power saving
		Calls
		Security
		Network
		Connection profile
		Reset settings
		2
Drafts		
Outbox		
Sent		
Folder1		
Folder2		
CB		
3	Web browser	Internet
		Bookmark
		Snapshot
		Alert message
		Settings
4	Phonebook	Lists
		Information #
		Call options
5	Camera	Camera
		Video recorder
6	My data	Videos
		Sounds
		Pictures
		Music
7	Java™	Applications
		Network setting
		Storage info
8	Accessory	Music player
		Calculator
		Clock alarm
		Scheduler
		ToDo list
		Notepad
		Voice memo
		Currency
		Infrared
9	SIM toolkit	

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Getting Started






Preparing the phone

Before trying to use your phone, make sure that a valid Subscriber Identity Module (SIM) card is inserted and the battery is charged.









SIM card

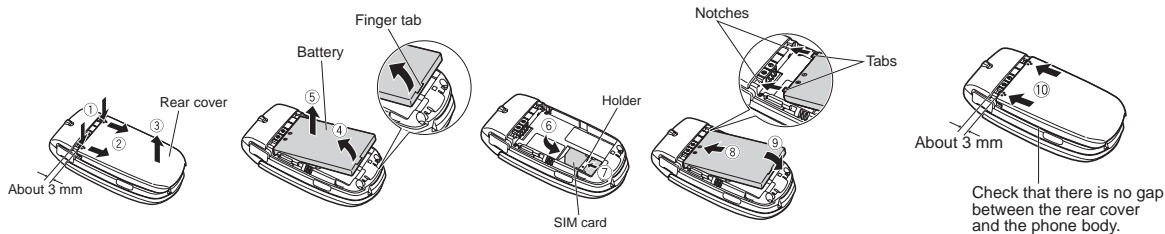
Before using your phone, you must sign-up with one of the digital network service providers. In addition to your subscription details you will receive a personal SIM (Subscriber Identity Module) card which is inserted into your phone.

If the SIM card is removed, the phone becomes unusable until a valid SIM card is fitted. It is possible to transfer your SIM card to another compatible phone and resume your network subscription. The screen on your phone will display appropriate messages if no SIM card is fitted.

-  ***If the phone, or the SIM card, is lost or stolen then you should contact your service provider immediately in order to bar it from use.***
-  *The phone supports a number of languages and the keyboard symbols have been chosen for world-wide operation.*
-  *The digital technology of your phone helps to ensure that your conversations are kept secure.*
-  *The SIM card contains personal data such as your electronic phonebook, messages (see "Message (M2)" on page 29) and also details of the network services you have subscribed to. The phone will not work (except for emergency calls on some networks) unless a valid SIM card is fitted.*
-  ***Be sure to turn the phone off before inserting and removing a SIM card. Otherwise damage to the SIM card can occur.***

Inserting a SIM card

-  ***Be sure to turn the phone off before removing the battery pack.***
 -  While pressing down the areas marked with  of the rear cover as indicated by arrows ①, slide the rear cover about 3 mm in the direction of arrows ② with your finger tips. Then, lift the cover up in the direction of arrow ③ to remove it.
 -  Lift the finger tab of the battery pack up in the direction of arrow ④. Then lift the battery pack out in the direction of arrow ⑤.
 -  With the metal part facing down, insert the straight end of the SIM card under the holder in the direction of arrow ⑥. Slide the SIM card all the way until it reaches the end.
-  ***Be careful not to damage electric parts of the SIM holder when inserting a SIM card.***
 -  Align the ⊕ ⊖ marks on the battery pack with the ⊕ ⊖ marks on the phone. Insert it into the cavity in the phone body in the direction of arrow ⑦, making sure that the tabs on the battery pack fit properly into the notches in the phone. Then, press the battery pack down in the direction of arrow ⑧ to clip it into the phone.
 -  Make sure that the battery pack is securely attached to the phone and align the rear cover with the grooves on the phone so that there is a gap of about 3 mm at the end of the cover. After making sure that there is no gap between the rear cover and the phone body, slide the rear cover in the direction of arrows ⑩ until you hear a click.



If the SIM card is not fully inserted when the battery is replaced, damage to the SIM card can occur.

If the SIM card is already fitted, see "Start-up" on page 4.

Removing a SIM card

With the battery removed, push the short and straight end of the SIM card with your thumb to slide it gently in the direction of arrow ⑦ → Lift the SIM card after it is completely removed from the holder.

Be careful not to damage electric parts of the SIM holder when removing a SIM card.

Charging the battery

Before trying to use your phone, insert the phone's battery, connect the NEC battery charger (AC adapter) supplied with your phone to a suitable mains power socket.

Pull open the charger connector cover gently.

Be careful when handling the charger connector cover. Do not pull strongly.

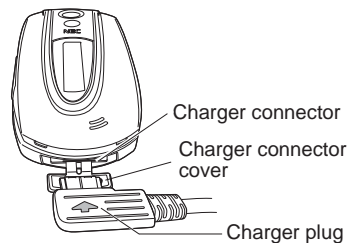
Connect the charger plug (AC adapter) into the charger connector at the bottom of the phone..

If your phone is turned on and charging starts, the battery charging icon will be displayed. LED will turn on in red while charging. When charging is complete, the LED will turn off.




You are recommended to switch off the phone while charging. If you need to receive calls, your phone can be switched on and left in standby while being charged, although the total time taken to charge is then increased.


Disconnect the charger plug (AC adapter) gently and vertically from the charger connector in the opposite direction of arrow.

Make sure to disconnect the charger plug, holding the arrow mark on the plug, not the cable. Otherwise damage to the charger connector can occur.



The colour on the display shows the charging status of battery.

 (red) Fast battery charging  (green) Slow battery charging while the phone is in use  (blue) Battery charging paused due to overheat


 **Using any battery pack, AC adapter, vehicle power adapter (option) not specified by NEC for use with this phone can be dangerous and may invalidate any warranty and approval given to the cellphone. Do not leave the charger connected to the mains supply when it is not in use.**


 **Do not try to charge the battery if the ambient temperature is below 5°C (41°F) or above 35°C (95°F).**

 **DO NOT connect a charger or any other external DC source until the phone's battery is inserted.**

 If the phone does not respond, please wait for a few minutes. The charging will then start.

 If you use the phone while charging, handle the phone carefully since the cable or adapter is connected.

 If you make/receive a call while charging, the charging may temporarily be interrupted.

 Charging takes approximately 3 hours with your phone turned off.

 Even if the phone remains connected to the charger, battery residual capacity may decrease when the phone is used for video recording, playing or other battery consuming operation.

IMPORTANT BATTERY CHARGING INFORMATION

Charging a very low battery

The battery's charge continues to drop after the low battery warning is displayed. In extreme cases where the battery is left uncharged for some considerable time after this warning, a trickle charge is used to slowly top-up the battery to the safe level at which the fast charging can begin. The phone can be in trickle charge for a few minutes before the fast charging starts.

Standby and talk times

Your phone works closely with the network you are using to provide the services you need, and the standby and talk times achieved will depend on how you use the phone and choices made by the network operator.

In particular, factors such as your location within the network, the frequency at which this location is updated, the type of SIM card you have, your reception of area messages or cell broadcast messages and the use of full rate or enhanced full rate speech, will affect both standby and talk times.

Checking the battery


 Check icon at the top of the standby screen.

The block on the display shows the charge of your battery pack.

 Full battery power  Partial battery power  Low battery power  Battery empty

Low battery alarm

When the battery voltage falls below the working level, a low battery warning is displayed on the screen accompanied by LED illumination and a short tone along with an empty battery icon. The phone will automatically power down shortly afterwards.



 Please charge the battery as much as possible when the battery is very low.


Other battery alarms

Your phone may display warnings when the battery temperature is too high, or the voltage of the battery or the charger is over the appropriate level. Follow the instruction given by these warnings immediately.

Start-up

Switching the phone on



 Hold down  for about a second to switch on. The screen will display the selected greeting (see page 24) and the phone is then in standby.

 You may need to charge the battery before using your phone.

 When your phone is turned on, the specified ringer may sound.

 If your phone is accidentally turned off while downloading or deleting Java™ application, it will take longer than usual to start up the phone the next time you turn on the power.

Switching the phone off


 Hold down  until the display shows the switch off message.




PIN code

The SIM card issued by your service provider has a security feature called PIN code protection. The Personal Identification Number (PIN) is a number put on to the card by your service provider, and is 4 to 8 digits long. Some service providers supply SIM cards which will cause your phone to prompt for a PIN code when it is turned on. If this is the case, enter your code with the phone's keypad. If you insert a SIM card other than your own, information such as call logs may be lost (see "Security (M17)" on page 26 for details).





Basic Calls & Phone Use

Making basic calls

You make a simple call in the same way as you would with a normal phone, except that you need to press  after entering the area Subscriber Trunk Dialling (STD) code and the phone number. To make international calls, you must first enter the international dialling code (see page 13).



-  Use the full STD area code even if you are calling to a person in the same town. If the numbers are too long to be displayed within one line, after pressing , excess part is deleted and '...' is added at its end.
-  The main-LCD display shows the strength of the radio signal that links your phone to the network. The maximum signal strength is shown by 4 shaded blocks and the minimum signal strength by 1 block.

Starting a call







-  Key in the phone number. Check the number on the display →  or **SK1** to send the input number to start the call
-  Before the other party answers the call, you can end the call by pressing  briefly, pressing **SK2** or closing your phone. When you use the headset, you can also end the call by pressing and holding the button on it.

When the call is sent, the screen displays the number called or the name stored in the phonebook and a connection graphic or a Calling Line Identification (CLI) picture that has been allocated to the number called (see page 52).

Correcting mistakes

Use the  and  to move the cursor and then press **CLR** to clear individual digits, or hold down **CLR** to completely clear a phone number.

Ending a call

-  While talking, press  briefly or close your phone. The phone returns to the standby screen.
-  If  is held down, your phone will turn off.
-  When you use the headset, you can also end a call by pressing and holding the button on it.
-  You cannot end a call by closing your phone when the headset is connected.

Receiving an incoming call

When someone calls your number, the ringer will play (if set - see page 23), the LED glows in the specified colour, and the phone number of the caller may be displayed if the calling line identification facility is available and the caller has activated the feature. If the caller's phone number has been related and stored in your phonebook with a name and a CLI picture (see page 52), that name and picture will be displayed. If the caller has withheld their identity, the screen will give a message that the caller's number is being withheld.



 You also have options for holding and forwarding calls. These options depend on your network and your subscription arrangements.


Accepting an incoming call


 While receiving an incoming call, press  or SK1

 When you use the headset, you can also accept an incoming call by pressing the button on it.


Rejecting an incoming call



 While receiving an incoming call, press  or SK2 briefly or close your phone.


 When you use the headset, you can also reject an incoming call by pressing and holding the button on it.

 You cannot reject a call by closing your phone when the headset is connected.

If your phone receives a call and you do not answer it, the main-LCD will display a desktop icon of the phone number (or the name if stored) of the caller (if available). This information is stored in the missed calls list. Up to 20 missed calls are stored in this list.

 You can set your phone to answer a call when any key is pressed (see “Any key answer” on page 22).

 If you are making a call, the phone gives priority to receiving a call unless you have already pressed .

 See also: “Call diversion (M161)” on page 11 and “Call waiting and holding (M162)” on page 12.

 See also: “Call options (M43)” on page 9.



Unsuccessful calls

If dialled call is not successfully connected, the display will give an appropriate message.

If your phone has the auto redial function activated, the number will be automatically called again after a short delay (see page 12).

Emergency calls



The standard emergency number of 112 can be used.

 Key in 1 1 2 →  or SK1 to connect the call to the local emergency services.

 On some networks, emergency calls can be made using the 112 number without a SIM card inserted.

Last number redial

You can redial the last number you called.

 Ensure that the standby screen is displayed and no phone number is shown →  twice to dial the last number you called.

 See also: “Call options (M43)” on page 9.


One-touch dial

One-touch dial for the phonebook (SIM) is available by pressing and holding the number keys between 2 and 9.

 A number for the One-touch dial corresponds to the location number in the phonebook (SIM).




 One-touch dial is available only for the phone numbers with the location number 2 to 9 stored in the phonebook (SIM).

Fast dialling

Fast dialling is activated in Abbreviated Dialling Numbers (ADN) by entering a number 1 to 255 (depending on the SIM card), # and .


Fast dialling is also activated by entering the location number 1 to 500 of your phonebook (Phone) and then * and .

Displaying your own phone number (M0/M416)


  0 or  4 1 6

Voice recall



You can store up to 10 voice recall recordings which can be allocated to a personal data stored in the phonebook (Phone). To store the voice recall sound, see page 52. To use the voice recall function, use the following procedure:


 Press and hold ▼

 When you use the headset, you can also activate the voice recall function by pressing and holding the button on it from the standby screen.


 Within 4 seconds, say the word or words you have recorded to identify the record you wish to recall. If the word or words were recognized, the first phone number of the personal data stored in the phonebook (Phone) will be called automatically.

Options menu (during a call)




 During a call,  to display the options menu

No.	Options menu (during a call)	
1	Main menu	Displays the Main menu screen. See "Overview of menu function" on page ix for details.
2	Hold/Retrieve	Puts the call(s) on hold or retrieves the call(s).
3	Mute/Unmute	Mutes or unmutes all active calls.
4	Transfer call	Enables to transfer the call and connect other parties.  After transferring the call, your call will be dropped.
5	Add to conference	Merges calls and makes a multi-party call.

No.	Options menu (during a call)	
6	Private call	Make a private call to the highlighted party within the multi-party call.
7	Record call	Records the call while talking.
8	Disconnect party	Disconnects the highlighted party.

 Depending on the conditions, some options may be displayed in gray and not be available.

Putting a call on hold

 To put the received or dialled call on hold, SK1 or  2. To retrieve the call, SK1 or  2 again.

Mute



You can mute the sound from the mouthpiece during a call. When your call is muted, the other party cannot hear any sound from your phone, but you can still hear the sound from the other party.


 To mute the sound during a call, press  3. To retrieve the sound, press  3 again.

 The mute function is automatically released after the call ends.

Transferring a call

When you have an active call and a held call, you can transfer the call and connect the two parties, then you can drop from the line while leaving those two calls active.

 To transfer the call,  4.




 After dropping from the call with the other two parties, if you have a call waiting, you can proceed the call with it.


 Call transfer facility is SIM dependent.

Multi-party calls

If your SIM card is multi-party enabled, you can make a conference call to more than one caller. You can even leave the call while the remaining participants carry on with the call.

Receiving the second call

 SK1 or  to accept the second call → SK2 or  5 to merge both calls.

 When you accept the second call, the first call will be put on hold.

Making the second call

- SK1 to put the first call on hold → Key in the phone number → SK1 or to make the second call → After the second participant answers, SK2 or 5 to merge both calls.

Putting the multi-party calls on hold

- SK1 or 2 to put both the first and second calls on hold → To retrieve the call, press SK1 or 2 again.

Making a private call

While on the multi-party call, you can make a private call to a specific party.

- Highlight the desired party you want to make a private call to → 6 → To end the private call and return to the normal multi-party call, 5.
- While you are on a private call, other parties can continue with their conversation.

Ending the multi-party calls

- To end all calls, or SK2. To disconnect a specific party on a multi-party call, highlight the party you wish to disconnect → 8

Multi-party call facilities are network dependent.

Recording a call

You can record the conversation during the call.

- During a call, press and hold or 7 to display the Voice memo screen → SK1 to start the recording → SK1 to pause and SK2 to stop the recording → To play the recording, see "Recording/playing voice memo or setting speaker" on page 74.

Call options (M43)

From Call options, you can display the list of missed, received and dialled calls, the duration of the last call made and all calls, charge information and the redial blacklist

- 4 3 to display the Call options screen.

No.	Call options	
1	Missed calls	Displays the list of missed calls. You can also access this function by pressing from the standby screen.
2	Received calls	Displays the list of received calls. You can also access this function by pressing from the standby screen.
3	Dialled calls	Displays the list of dialled calls. You can also access this function by pressing from the standby screen.
4	Last call duration	Displays the duration of the last call made on your phone. <ul style="list-style-type: none">SK1 to reset the display to zero.

No.	Call options		
5	Total calls duration	Displays the duration of the total calls made on your phone. <ul style="list-style-type: none"> SK1 → 1 to reset the duration of the total dialled calls, 2 to reset the duration of the total received calls, or 3 to reset the duration of all calls. 	
6	Charge info	Displays the charge information (Advice of Charge - AOC). <ul style="list-style-type: none"> The AoC facility is SIM card and network dependent. To reset the display to zero, set the maximum charges or edit the unit price, you may be prompted to enter the PIN2 code. 	
		1 Total charge	Displays the total charge. <ul style="list-style-type: none"> SK1 to reset the display to zero.
		2 Maximum charge	Displays the maximum charge. <ul style="list-style-type: none"> Key in the maximum number of units allowed → SK1
		3 Unit price	Displays the unit price. <ul style="list-style-type: none"> Highlight the whole number (integer), the decimal number or the currency field → Key in the required value for the whole number and decimal number fields. For the currency field, key in the currency type using a maximum of three characters → ○ → SK1
7	Redial blacklist	Accesses the numbers in the blacklist. <ul style="list-style-type: none"> If dialled call is not successfully connected (e.g. number busy), the auto redial facility will be offered (see page 12). If you have set auto redial and the call still fails, the number called will be added to the blacklist. 	


Depending on the conditions, some options may be displayed in gray and not be available.

Display missed/received/dialled calls Options menu (M431M/M432M/M433M)

- ▶ or (MENU) 4 3 1 for missed calls, ◀ or (MENU) 4 3 2 for received calls, or 📞 or (MENU) 4 3 3 for dialled calls.
- Highlight a number in the list → (MENU)

No.	Missed calls/Received calls/Dialled calls Options menu	
1	Call	Calls the current number.
2	Send	Sends a new message to the highlighted phone number.

No.	Missed calls/Received calls/Dialled calls Options menu	
3	Add to phonebook	Adds the current number to the phonebook. <ul style="list-style-type: none"> 1 to add it as a new personal data, 2 to add it to an existing personal data → Press the appropriate number for the storage destination → Press the appropriate number for the phonebook data field to copy the current number to.
4	Delete one	Deletes the current number.
5	Delete all	Deletes all the numbers in the list.
6	Info	Displays information on the current number.
7	Add desktop icon	Creates a desktop icon of the selected number.
8	Items/Page	Selects either to display 4 or 8 phone numbers in one screen.

 Depending on the conditions, some options may be displayed in gray and not be available.


Call settings (M16)


From the Calls screen, you can change various call settings: the call diversion, call waiting and holding, auto redial and line identification.


Call diversion (M161)



Setting Call diversion

 **MENU** 1 6 1 → Highlight the type of call you wish to divert.

 There will be a delay while your phone checks its divert status with your network.

 Highlight one of the conditions → When the phone number field of a divert condition is highlighted, either enter the phone number to divert to, or delete any existing phone number.

 If you have made any mistake, highlight the appropriate field → SK1 to clear any mistakes.


 If the settings are correct, 

 There will be a short delay while the network sends the divert status of your phone.

 There may be an additional charge for this service depending on your network.


 There may be unavailable settings depending on your network.

Call diversion edit options menu

 Highlight the required edit field → **MENU**

No.	Call diversion edit options menu	
1	Copy	Copies the number in the edit field.



No.	Call diversion edit options menu (Continued)	
2	Paste	Pastes the previously copied number.
3	Disable all	Disables the numbers from all the fields.
4	Phonebook	Displays the phonebook to insert a number in the edit field.
5	Add to phonebook	Adds the number to the phonebook as a new personal data or saves the number in an existing personal data.

 Depending on the conditions, some options may be displayed in gray and not be available.







Call waiting and holding (M162)

This facility informs you that another call is being made to your phone while an existing call is in progress.

Setting up call waiting



  1 6 2 → 1 1 to activate, 1 2 to deactivate the call waiting, or 2 to check the status of call waiting.

Using call waiting


-  If you are on a call and another comes in, you will be alerted by a beep in the earpiece → SK1 to accept the incoming call.
 -  To switch the calls, SK1
 -  To merge the calls, SK2 (see “Multi-party calls” on page 8).
 -  To end the current call, 
 -  To retrieve the held call SK1

Auto redial (M163)








With the auto redial facility, your phone will redial a number up to 10 times if the first attempt fails. A tone will be heard at each redial attempt. Your phone cannot connect a call if the other party is busy or if there are network problems. Pressing SK2 during a redial attempt will abort it.

  1 6 3 → 1 to activate or 2 to deactivate the auto redial facility.

Line ID (M164)

 The line ID (identification) facility is network dependent.

The line ID facility enables you to choose whether or not to send your own phone number when you make a call and also whether or not to display a caller's phone number when you receive a call.

-   1 6 4 to display the Line ID screen with a  over an activated line and a  over a deactivated line.
-  To set the status of each line (see the table on the right), highlight a line (the line will flash when selected).
-  SK1 to set the line identification on or off →  to save the current settings.

Line type	Setting
Outgoing	Send own #
	Show connected #
Incoming	Show Incoming #
	Return own #

International dialling codes


When you make an international call from any country, you must start by dialling a special international access code. Your phone has the facility to prefix a + symbol to the numbers, so that you need not enter the access code for the country that you are calling from.

Entering international dialling codes

- Hold down 0. The 0 character displayed will change to a + character → Key in the country code, area code, and phone number that you wish to call. The UK country code is always 44, no matter what country you are dialling from. For example, a typical UK number of 0131 1234567 is entered as:

International access	country code	area code	phone number
+	44	131	1234567

Roaming

 *You will be charged for calls forwarded to you while roaming.*

The roaming facility enables you to use your phone in many parts of the world and pay all charges through your normal service provider. Your network operator usually has agreements with named networks in other countries so that automatic roaming can take place with these named networks. The phone also allows you to set network preferences of your own.

When dialling, you will need to add the international access codes if required. So, storing all numbers with the codes (such as +44 for UK) is helpful (see "International dialling codes").

 *Before leaving your home country, you should select any preferences such as bar calls or call diversion.*

Setting Automatic or Manual network selection (M181)

-   1 8 1 → 1 to select the automatic mode or 2 to select the manual mode.




 *Before you manually select a network, ensure it is covered under the agreement you have with your service provider.*

New search (M182)


-   1 8 2 to search the available networks → Highlight the desired network →  to connect to it.


Viewing/editing network list (M183)

 *Before editing your network list, please consult with your service provider.*

-   1 8 3 to read the network list in the SIM memory → Highlight the required network → 



No.	SIM list Options menu	
1	Add	Adds a new network to the list.

No.	SIM list Options menu	
2	Move	Moves the highlighted network within the list.  Use ▲ and ▼ to move the network → SK1
3	Remove	Deletes the highlighted network.

 Depending on the conditions, some options may be displayed in gray and not be available.

Selecting the frequency band (M184)

You have to select the frequency band to suit the location.

  1 8 4 → Select the required frequency band.

 Frequency bands must be adjusted to suit the location when roaming (Europe, US, etc.), for the phone to work properly.

Text Entry

This section describes how you enter text. The same method of text entry can be used in phonebook editing.

Mode change

- With a text entry screen displayed, **SK1** to change the text entry mode: T9[®] English text, Normal text (ABC), Numeric input

T9[®] English text input

Your phone incorporates T9[®] Text Input, enabling fast, easy and intuitive text input. For each letter to be keyed in, you only need to press the alphanumeric key once. The screen will display the word you may require based on the internal English dictionary of your phone.

- With a text entry screen displayed, press **SK1** until the entry mode is T9[®] English input.
- i) For example, to enter "Good":
- Press **4 6 6 3**, and then press **0** to confirm the word.
- ii) To enter "Peter is good":
- Press ***** to shift to upper case (for one letter). You will see a green arrow in the Help area.
 - Press **7 3 8 3 7** to display "Peter", and then press **0** to confirm.
 - Press **4 7** to display "is", and then press **0** to confirm.
 - Press **4 6 6 3** to display "good", and then press **0** to confirm and the sentence is completed.

Key	Function
0	Confirms a word and inserts a space.
SK1(List)	Displays the list of other matching words.
SK1(Spell?)	Activates the spell mode which temporarily deactivates T9 for you to spell the word in Normal text input. The spell mode ends when you key in 0 to enter a space, or SK1(T9).
SK2(Dismiss)	Cancel the T9 matching word list.
SK2(Next) or #	Displays the next candidate.
◀ or ▶	Places the cursor.
0 to 9 (press and hold)	Inserts the number.
CLR	Deletes any character.
*	Toggles between lower case, shift (upper case for one letter) and caps lock (permanent upper case).
* (press and hold)	Press and hold to activate the highlight mode (see "Highlight mode Options menu" on page 41 for details).

Key	Function
#	Activates symbol mode when no word is highlighted.

Normal text input

- With a text entry screen displayed, press **SK1** until the entry mode is Normal text (ABC) input.
- Use alphanumeric keys to enter letters. For example, to enter "e," press **3** twice; to enter "f," press **3** three times. For other functions, see the table below.

Key	Function
*	Toggles between lower case, shift (upper case for one letter) and caps lock (permanent upper case).
* (press and hold)	Press and hold to activate the highlight mode (see "Highlight mode Options menu" on page 41 for details).
0	Inserts a space.
0 to 9 (press and hold)	Inserts the number.
CLR	Deletes any character.
◀ or ▶	Places the cursor.
#	Activates symbol mode.

- If you have made a mistake, use ▲ ▼ ◀ ▶ to place the cursor to the right of the incorrect character and then press **CLR**.
- When entering normal (ABC) text, and the character you require is displayed, use ▶ to move to the next character position (if you wait for more than 1 second, the cursor will move one character to the right automatically).

Numeric input

- With a text entry screen displayed, press **SK1** until the entry mode is Numeric input.
- You can also press and hold the number key to insert the number in T9/Normal text input mode.
- Use alphanumeric keys to enter numbers.

Key allocations

Whenever you need to enter text (for short messages, storing names with numbers, etc.), successive presses of an alphanumeric key will display different characters. Pressing * in T9® English text input or Normal text (ABC) input toggles between lower case, shift (upper case for one letter) and caps lock (permanent upper case). When a text entry screen is displayed, pressing **SK1** enables you to select Normal text input (ABC), T9® Text input (T9) or Numeric input (123).

- Depending on the types of text entry screens, not all types of text entry modes are available.

Symbol mode

In the symbol mode, pressing each key will input a symbol according to its position on the Symbols screen. By pressing # in a text entry mode, the Symbols screen will be displayed. Use ▲ and ▼ to select the row, and then press the appropriate number on the column of the required symbol.

Desktop icons



Desktop icons are shortcuts to functions or items. You can activate a desktop icon on the standby screen (desktop) in stead of following the menu and pressing the shortcut numbers.

The desktop icons are displayed in two rows on the standby screen. See "LCD and displayed icons" on page vii for the actual location of the desktop icon area.


There are two types of desktop icons: the automatically displayed and the manually created.

Automatically displayed desktop icons

The following automatically displayed icons are displayed on the upper row of the desktop icon area:








Icon name	Image	Description
Missed call		Displayed when there is a new entry in the Missed calls list.
Missed message		Displayed when there is a new message you have not acknowledged.

 You can delete all the automatically displayed icons by pressing and holding **CLR** on the standby screen.


 If you turn the phone off, all the automatically displayed desktop icons are deleted.


Manually created desktop icons


The following manually created icons are displayed on the lower row of the desktop icon area





Icon name	Image	Description
Phone number		Displays a dialer screen with the registered phone number displayed.
Message		Creates a new message to the registered phone number or Email address.
Picture		Displays the image file.
Notepad		Displays the Notepad preview screen with the note file displayed.
Camera		Displays the camera view finder screen.
Video		Displays the video view finder screen.
Music player		Displays the Music player screen.

Creating a desktop icon manually






 Activate the required function (camera/video/music player) or display the item (image file/note file/phone number/mail address).

 **(MENU)** to display the Options menu and select Add desktop icon (for an image/note file, this menu is under Use item, and for camera/video, under Other settings).

 You can create up to 10 desktop icons.

-  If you have more than 5 desktop icons, an arrow will be displayed to indicate that you can scroll for more icons.
-  The phone number or mail address desktop icon data will not be updated when the original data is modified. Delete the old desktop icon and create a new one in such a case.
-  When you create a desktop icon of an image file or notepad file, the data will be automatically protected. The default title will be the file name. Even if this title is changed, the original file name will remain the same.
-  Each manually created desktop icon has a title that you can edit.

Activating a desktop icon

-   → Highlight the required desktop icon → 
-  If you do not press any key for three minutes after highlighting a desktop icon, the highlight is cancelled and the screen goes back to the normal standby screen.
-  If you activate an automatically displayed desktop icon, it will be deleted automatically.




Desktop icon Options menu

-  Highlight a desktop icon → 







No.	Desktop icon Options menu	
1	Edit title	Edits the title of the highlighted desktop icon.
2	Delete one	Deletes the highlighted desktop icon.
3	Delete all	Deletes all the manually created desktop icons.

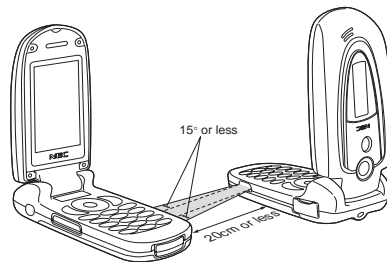
IR Data Exchange

Your phone is equipped with an InfraRed (IR) data port which enables you to send and receive picture/sound (excluding MP3)/video/ToDo list/scheduler/phonebook/note data with cellphones or other devices equipped with IR ports.

-  Do not aim or direct the IR data port towards your or other people's eyes when using IR data exchange.
-  Do not aim or direct the IR data port towards another IR device as this may cause the device to malfunction.
-  Depending on the other party's cellphone or device, the data may not be received correctly.



Positioning of the phones

-  Open both sending and receiving phones vertically and place them as their IR ports face each other with less than 20cm of interval.
-  Do not place anything between IR ports.
-  The angle made of two IR ports must be within 30°.
-  Do not move the phones until the data exchange is complete.
-  The phones may not communicate successfully if they are placed under direct sunlight or fluorescent light, or close to other infrared devices.
-  While sending or receiving data through IR, your phone is automatically placed out of service, so phone call, message and web access are disabled.








IR send


You can send picture/sound (excluding MP3)/video/ToDo list/scheduler/phonebook/note data as a file through the IR port.

-  This function is not available during a call.
-  Before starting to send data, the other party must be ready to receive data.

Phonebook entry (M413...)

-  You can only send Name, Home, Mobile, Work, Fax, 2 Email addresses and 2 pieces of descriptive information.
-  Your phone sends data according to the vCard 2.1 specification.
 -  To display the phonebook (Phone),  (for required number of times) or **(MENU) 4 1 3** → Highlight a phonebook entry.
 -  **(MENU) 0** or **(MENU) 3** → The phonebook entry will be sent through the IR port.

Video/Sound/Picture file (M6...)

-  **(MENU) 6 1** for Videos, **(MENU) 6 2** for Sounds or **(MENU) 6 3** for Pictures → Highlight a folder → **(MENU) 0** → Highlight a file.

- ☛ **(MENU) 2 3** for Videos/Pictures, or **(MENU) 2 4** for Sounds → The file will be sent through the IR port (see “My data (M6)” on page 61 for details).

Schedule entry (M84...)

- ☛ **(MENU) 8 4** → Highlight a date → **0** → Highlight a schedule entry → **0** → **(MENU) 9** → The schedule entry will be sent through the IR port.

ToDo entry (M85...)

- ☛ **(MENU) 8 5** → Highlight Public, Private or All → **0** → Highlight a ToDo entry → **(MENU) 7** → The ToDo entry will be sent through the IR port.

Note (M862...)

- ☛ **(MENU) 8 6 2** → Highlight a note → **(MENU) 2** and **2** → The note entry will be sent through the IR port.

IR receive (M891)

You can standby your phone to receive data (picture/sound (excluding MP3)/video/ToDo list/scheduler/phonebook/note data) from other devices or a phone of the same model.

Receiving data through IR (M891)

- ☛ **(MENU) 8 9 1** → Start sending data from the other end.
 - 📖 *Once the transmission completes, your phone automatically judges the type of received data and stores the data accordingly.*
 - 📖 *This function is not available during a call.*
 - 📖 *If your phone does not have enough space to store the received data, a message will be displayed indicating lack of space. In such a case, delete unnecessary data and try the data exchange again.*
 - 📖 *Received picture/video/sound files are stored in the Download folder of My data (see “My data (M6)” on page 61).*

IR modem (M892)

You can use your phone as a modem for a PC via the IR port to establish a dial-up connection to an Internet service provider.















Activating the IR port for modem use



- ☛ **(MENU) 8 9 2** → The phone will be in standby status for IR transmission from the external device.
 - 📖 *If the IR transmission is not established within a short while, the standby status will end.*
 - 📖 *While on active call or connecting to the external device such as USB, IR modem is not available.*
 - 👉 *Your phone consumes a lot of battery power when used as a modem. After using your phone as a modem, be sure to deactivate the modem function from your PC or press **⏏** (for the CSD connection only). When the modem function is deactivated, the idle screen will be displayed without the Infrared icon and GPRS icon.*
 - 📖 *Check with your service provider to use your phone as a modem to connect to the Internet.*

Settings (M1)

Phone (M11)

 MENU 11

No.	Phone	
1	Voice volume	<p>Adjusts the sound volume output from the earpiece.</p> <p> Use ▲ ▼, Side keys or alphanumeric keys (0 to 9) to adjust the volume.</p> <p> You can also press the Side keys to display the volume control screen and to adjust the volume setting.</p> <p> During a call, you can press the Side keys to adjust the setting of the volume as required.</p>
2	Answer options	<p>1 Any key answer On: Any key (except , SK2, the Side keys) is valid to answer a call Off: Only  and SK1 are valid to answer a call</p>
	Ring silencer	<p>On: Pressing one of the Side keys stops the ringer sound and the vibrator while receiving a call with the phone closed.</p> <p> This function cannot be used if the Side keys are locked.</p>
	Fold answer	<p>On: You can answer an incoming call by opening your phone.</p>
3	Side key	<p>Disable: Side keys are locked while your phone is folded.</p> <p> You can also lock/unlock the Side keys by pressing and holding  on the standby screen.</p>
4	ALS setup	<p> The Alternate Line Service (ALS) facility is SIM card and network dependent.</p> <p>If your SIM card supports ALS, you can setup which line to use for Outgoing call or Voice mail.</p>
5	Clock	<p>1 Show clock Sets to display the local time, both the local and remote times or no time on the main-LCD.</p> <p>2 Set time Sets the time for the local or remote time.</p> <p>3 Set date Sets the date.</p> <p>4 Set date format Selects the date display format.</p> <p>5 Set time format Selects the time display format from 12 hour or 24 hour.</p> <p>6 Set timezone Sets the timezone. (A  is placed on the currently selected timezone.)</p> <p> Highlight the required timezone → Press SK1 to save the change.</p> <p> If the highlighted timezone has Daylight Saving, a check box will be displayed at the bottom of the screen. Press  to activate () / deactivate the setting.</p>

No.	Phone	
6	Language	Selects the language the phone displays.  <i>When you have switched the language to be displayed, please wait until the new setting becomes active.</i>
7	LED	Selects the Light Emitting Diode (LED) colour for incoming calls/SMS/MMS (including Email)/during a call.  <i>If the personal setting or the Group setting for the LED colour is also set in the phonebook, it has priority over this LED setting. (See "Allocating a LED colour" on page 52 for details.)</i>
8	Earphone type	Selects the earphone type from Stereo or Monaural, depending on your earphones (headset).

Phone modes (M12)

Your phone can be set to one of the following modes: Normal mode, Meeting mode, Pocket mode or Car mode.









Any changes made to the settings while in a particular mode will be stored and used when that mode is selected again.




Selecting your phone mode


  or  1 2  Press the appropriate key for the required mode.



 You can also set the Meeting mode or return to the previous mode by pressing and holding  on the standby screen.


Editing the mode settings

  or  1 2  Highlight the required mode  SK1  Press the appropriate number for the required setting in the following table.

 For any volume setting, use , , Side keys or alphanumeric keys (0 to 9).



No.	Phone mode setting	
1	Ringer	Selects the Sound or Video for incoming calls. (See "Sounds (M62)" on page 61 or "Videos (M61)" on page 61 for details.)
2	Ringer volume	Sets the sound volume for incoming calls.  <i>While receiving a call with your phone open, the ringer volume can also be adjusted by pressing the Side keys.</i>
3	SMS tone	Selects the ringtone for incoming SMS messages. (See "Sounds (M62)" on page 61 for details.)
4	SMS tone volume	Sets the sound volume for incoming SMS messages.
5	MMS tone	Selects the ringtone for incoming MMS or Email messages. (See "Sounds (M62)" on page 61 for details.)
6	MMS tone volume	Sets the sound volume for incoming MMS or Email messages.
7	Key tone	Turns on/off the key tone.

No.	Phone mode setting	
8	Service tone	Turns on/off the service tone.
9	Alarm volume	Sets the sound volume for Clock alarm and Schedule alarm.
0	Vibrator	Turns on/off the vibrator function.
*	Earphone setting	Selects the sound output from Earphone & Speaker or Earphone only.
#	Auto answer	<p>Selects whether to answer an incoming call automatically.</p> <p> To use the Auto answer function, connect the headset to your phone and set the earphone volume to 1 or higher. If the earphone volume is set to 0, you must turn the vibrator ON to use the Auto answer.</p> <p> The Auto answer function only applies to the first incoming call. When you have another incoming call, you have to answer it manually.</p>

 If the selected mode is Car mode, the backlight will always be turned on. This will reduce battery life.

Main-LCD (M13)




  1 3

No.	Main-LCD	
1	Greetings	<p>Selects the greeting which is displayed on the main-LCD during phone start-up from No greeting, Text or Animation.</p> <p> If you select Text greeting, press SK1 to edit the greeting text. Key in a greeting text and press .</p>
2	Wallpaper	Selects a picture or video file to use as the background for the main-LCD.
3	Main menu style	Selects and resets the background and icons for the Main menu screen
4	Colour style	Selects the phone's colour theme.

2nd-LCD (M14)

  1 4




No.	2nd-LCD	
1	Clock/Event display	Selects which items to display on the 2nd-LCD from Clock & Event, Clock only, Event only or Off.

No.	2nd-LCD (Continued)	
2	Clock orientation	Selects whether to display a horizontal clock or a vertical clock.  <i>When you select to display a vertical clock, it is read from the camera and LED end.</i>  <i>The event displays and incoming call numbers are shown along the long end according to the Display direction.</i>
3	Incoming call No.	Turns on/off the function to display the incoming call number on 2nd-LCD.
4	Display direction	Selects which direction to display the 2nd-LCD.  <i>This setting does not affect the vertical clock.</i>
5	Contrast	Sets the contrast level of the 2nd-LCD.

Power saving (M15)

1 5

 *If the selected mode is Car mode, this function is displayed in gray and is not available.*

No.	Power saving	
1	Level setting	Selects the power saving level from Level 1 (minimum power save setting), Level 2 (moderate) or Level 3 (maximum).  <i>The main-LCD backlight will turn dim and then turn off after a given amount of time with no operation.</i>  <i>When the phone is folded, Power saving level also applies to the 2nd-LCD.</i>
2	Function key LED	Selects whether to flash the LED of SK1 and SK2 when the main-LCD and its backlight are turned off.  <i>If the selected mode is Car mode or the camera view finder screen is displayed, the main-LCD backlight will always be on.</i>

Calls (M16)

1 6

 *For settings provided on the Calls screen, see "Call settings (M16)" on page 11.*



The security settings will help to protect your phone from improper and unauthorized use. You may be required to enter one of the five codes (shown below). When the phone prompts you for one of these codes, key in the appropriate number.

- PIN code (provided by your network service provider to protect your SIM card if it is stolen)
- PIN2 code (provided by your network service provider for charge information and Fixed dialling services protection)
- PUK code (personal unblocking key in case you forget PIN code)
- PUK2 code (personal unblocking key in case you forget PIN2 code)
- Security code



If you forget any of these codes, ALWAYS contact your service provider as they are the ONLY source for your codes.

PIN code

Your phone can be set up so that your PIN code must be entered at power up before the phone can be used at all. If the PIN code is not entered, not even incoming calls can be answered. Entering your PIN code incorrectly 3 times (not necessarily in the same session) will invalidate the correct PIN code. In such a case you will have to contact your service provider for a PUK code to unblock your SIM card.

Some SIM cards are set up so that PIN number entry cannot be turned off.
























When SIM PIN lock is enabled, you can change the PIN code.

PIN2 code

Your phone supports advanced feature that may require a PIN2 code to be entered before they can be accessed or modified. Entering your PIN2 code incorrectly 3 times (not necessarily in the same session) will invalidate the correct PIN2 code. In this case you will have to contact your service provider for a PUK2 code.

The PIN2 code is SIM card related and may only be available from your service provider.

No.	Security	
1	Change PINs	Changes the PIN or PIN2 code (PIN activate setting must be turned on to change the PIN code).
2	PIN activate	Turns on/off the PIN code entry required at starting up the phone-up.
3	Change security code	Change the security code which is used to set some of functions and unlock the Personal Information Manager (PIM) features <i>The default setting of the security code is "0000".</i>

No.	Security					
4	Phone lock	<p>Turns on/off the Phone lock function which will lock the phone: you can only make emergency calls or enter the security code. After entering the correct security code, you can use the phone normally.</p> <p> Upon power-up, you are prompted to enter the security code if the Phone lock was active when the phone was powered down.</p>				
5	Bar calls	<p>You can bar the following calls made/received on your phone: all outgoing (dialled) calls, international outgoing (dialled) calls, international outgoing (dialled) calls except to home, all incoming (received) calls or Incoming (received) calls when roaming.</p>				
		<table border="1"> <tr> <td>1</td> <td>Change settings</td> <td> <ul style="list-style-type: none">  Highlight the type of restriction and the call type, and then   to save changes.  Key in your bar calls password to verify user identification to the network  SK1 to confirm and save changes to the network. <p> The selected settings have red bars over their icons.</p> </td> </tr> <tr> <td>2</td> <td>Set password</td> <td> <p> Bar calls facilities are network services and may require a password. Changes the bar calls password.</p> </td> </tr> </table>	1	Change settings	<ul style="list-style-type: none">  Highlight the type of restriction and the call type, and then   to save changes.  Key in your bar calls password to verify user identification to the network  SK1 to confirm and save changes to the network. <p> The selected settings have red bars over their icons.</p>	2
1	Change settings	<ul style="list-style-type: none">  Highlight the type of restriction and the call type, and then   to save changes.  Key in your bar calls password to verify user identification to the network  SK1 to confirm and save changes to the network. <p> The selected settings have red bars over their icons.</p>				
2	Set password	<p> Bar calls facilities are network services and may require a password. Changes the bar calls password.</p>				
6	Fixed dialling	<p>Turns on/off the fixed dialling which restricts the use of dialled number to only the Fixed Dialling Numbers (FDN).</p> <p> The FDN facility is network dependent.</p> <p> See also: "Fixed dialling numbers (FDN)" on page 48.</p>				


Network (M18)

  18

 For settings provided on the Network screen, see "Roaming" on page 13.


Connection profile (M19)

  19

 For settings provided on the Connection profile screen, see "Setting your connection profile and homepage" on page 43.



This function will reset your phone to its factory settings.

 *By restoring the factory settings, any changes you have made to your phone except the following will return to the factory settings (the following data/settings will not be reset):*

- **Settings:** Set time other than Remote time, Set date, Language, all settings in Calls other than Auto redial, all Security settings other than Change security code, SIM list settings in Network.
- **Message:** All the stored messages. The settings for Msg filter and Msg filter details, SMS centre number, Slide setting and MMS centre.
- **Web browser:** All Bookmarks, Saved pages and WAP alerts. All the WAP related settings.
- **Phonebook:** All Phonebook entries. The settings for Groups.
- **All call lists and call information**
- **My data:** All stored files.
- **Java™:** All the Java™ applications.
- **Accessory:** All Schedule, ToDo, Notepad and Voice memo entries. All the settings other than Clock alarm, Play list for Music player, View events for Scheduler and Sort for ToDo.

Message (M2)

Message overview

Message services

Your phone supports the following messaging services:

- **Short Messaging Service (SMS)** allows you to send short messages (160 half-pitch characters max.) to one or more phone numbers. To send an SMS message, the destination phone number must be a mobile phone with an SMS service subscription. SMS service also supports Enhanced Messaging Service (EMS) for which the maximum length of the message you can send depends on the number of linked messages (maximum of 10 linked messages are available).
- **Email** allows you to send messages with attachments to not only other cellphones but also to PCs and other devices that use Email addresses. Attachable files include texts, sounds, pictures, animation, and videos. There are two types of Email server: POP3 server is used when sending Email messages and SMTP server is used when receiving Email messages.
- **Multimedia Messaging Service (MMS)** is a service that allows you to send messages with multimedia files attached. You can attach image, sound and video files to an MMS message. When you receive an MMS message, you will be notified by a message from the MMS centre. You can either automatically or manually receive the contents of an MMS message.



The Message Services are network dependent.

Sending/Receiving messages

While a message is being sent or received, a name and a number will be displayed (if a name has been stored with the number in your phonebook). The received messages are stored on the SIM card or in your phone memory. When you receive a message, your phone will ring, the message icon will be shown on your phone's display and its LED will glow.

Please delete the unnecessary messages in the folders from time to time. The phone cannot receive any messages when the Inbox folder is full.

Message screen

- Press **SK1** or **(MENU) 2** to display the Message screen
- To create a new message, press **SK1**
- To check for new Email, press **SK2**
- To display the list of messages in each folder, press the appropriate key for the required folder.

No.	Message screen menu	
1	Inbox	The received messages are stored here.
2	Drafts	The messages currently being edited are stored here.



No.	Message screen menu	
3	Outbox	The messages that failed to be sent are stored here.
4	Sent	The sent messages are stored here.
5, 6	Folder1/Folder2	The messages moved by Move msg (see "Message list Options menu" on page 34) are stored here.
7	CB	The received broadcast messages are saved. See "Cell broadcast (M27)" on page 41 for details.

 If there is no message in a message list, the list will be displayed in gray and you cannot select it.

Reading a message (M21)

- To display the Message view screen of a new message, press **SK1** or **(MENU) 2** → Press **1** → Highlight the new message → **○**
- The new (unread) messages are displayed in bold. If the message cannot be displayed in one page, use **▲** and **▼** to scroll through the message. The following icons will be displayed.

Icons	Descriptions	Icons	Descriptions
Message type icons		Read / Unread status icons	
	MMS message with no attachment		New / Unread message(s)
	MMS message with attachment		Read message(s)
	MMS message on the server	Filtering status icons	
	MMS delivery report		SMS messages filtered by status (incomplete)
	SMS message		SMS messages filtered by location (SIM)
	Incomplete SMS message		SMS messages filtered by location (the phone memory)
	Email message with no attachment		Filtered SMS messages
	Email message with attachment		Filtered MMS messages
Sorting status icons			Filtered Email messages
	Messages sorted by Date	MMS priority icons	
	Messages sorted by Name		MMS message with high priority
	Messages sorted by Read/Unread status		MMS message with low priority
	Messages sorted by Size	Sent message status icons	
	Messages sorted by Ascending order		Sent but failed message
	Messages sorted by Descending order		Sent message






Icons	Descriptions	Icons	Descriptions
Storing location icons			
	Highlighted message stored in SIM		
	Highlighted message stored in the phone memory		


Options menus

Message Options menu


SK1 or  2 → 


No.	Message Options menu			
1	SMS settings	1	SMS centre	Edits the SMS centre number (this number is saved in the SIM card).
		2	Auto display	Turns on/off the automatic display function that displays the received SMS messages automatically.
		3	Receipt request	Selects whether to request a receipt of the sent SMS messages.
		4	Max linked msgs	Sets the maximum number of linked SMS messages. This function divides an SMS with the message text exceeding the maximum number of characters allowed into multiple messages.
		5	Validity period	Selects the period of time an SMS message is stored at the SMS centre, while trying to deliver the message.

No.	Message Options menu			
2	MMS settings	 To display the Msg settings screen, press 1.		
		1	Delivery report Sets the status of delivery.	
			1	Receipt request Sets to request a receipt of the sent MMS message
		2	Auto send Sets to automatically send out a receipt for the received MMS message	
		2	Auto receive Selects whether to receive the MMS messages manually or automatically.	
		3	Validity period Selects the period of time an MMS message is stored at the server, while trying to deliver the message.	
		 To display the MMS profiles screen, press 2.		
		-	Connection profiles Sets the Internet connection for sending or receiving MMS messages. See "Setting your connection profile and homepage" on page 43.	
		-	Enter MMS centre Edits the MMS centre address.  Highlight Enter MMS centre field →  → Enter address →  → SK1	



No.	Message Options menu				
3	Email settings	Changes the settings for the Email messaging function.			
		1,2 Account1/ Account2	Sets the Email account for two different Email addresses.		
			1	Account details Sets the mail account, display name, Email address, or return Email address.	
			2	POP3 Sets POP3 server to send the Email messages.	
				1	POP3 server Sets POP server to send Email messages.
				2	POP3 port override Sets the POP3 port number.
				3	Leave on server Selects whether to leave the downloaded Email message on the server or not.
			4	Login Sets the POP3 user ID and password to login to the account.	
			3	SMTP Sets the SMTP server to receive the Email messages.	
				1	SMTP server Sets the SMTP server address to receive Email messages.
				2	SMTP port override Sets the SMTP port number.
		3		Authentication Sets the authentication to on or off.	
		4	Login Sets the SMTP user ID and password to login to the account.  You can also set them the same as those of POP3.		
3	Default account	Sets the default accounts for sending and checking the Email messages.			
4	Send option	Selects whether to send an Email message immediately or later.			
5	Received message size	Sets the maximum size to download an Email message.			
6	Connection profile	Sets the Internet connection for sending or receiving Email messages. See "Setting your connection profile and homepage" on page 43.			

No.	Message Options menu		
4	CB settings	1	Enable 1 to receive none, 2 to receive all, or 3 to specify a list or Cell Broadcast Message Identifier (CBMI) to receive broadcast from.
		2	Languages Selects which language to receive the cell broadcast messages in.
5	View msg status	Displays the information on the number of messages in the phone, the size of free/used memories, SMS units in the phone/SIM, and complete/incomplete SMS units.	
6	Rename folder	Renames Folder1 and Folder2.	
7	View all	Displays all the messages in all folders on the same list.	
8	Msg filter	Sets the type(s) of messages to be displayed by selecting the desired filter option.	

 *The receipt request, linking of SMS messages and delivery report facilities are network dependant.*

 *Depending on the selected folder, some options may be displayed in gray and not be available.*

Message list Options menu



 Display the message list in the Inbox, Drafts, Outbox, Sent, Folder1, Folder2 or CB → 

No.	Message list Options menu	
1	Reply	Replies to the sender of the highlighted message.
2	Reply all	Replies to the sender and all other recipients of the highlighted message.
3	Delete	Deletes the highlighted message.
4	Delete all	Deletes all the messages in the current folder.
5	Forward	Forwards the message text of the highlighted message.
6	Msgs/page	Selects either to display 3 or 7 messages in one screen.
7	Move msg	Moves the highlighted message to Inbox or Folder1/2, or copies to SIM or Phone.
8	Sort msg	By: Sorts the messages by date, name, read/unread status or size. Order: Sorts the messages in ascending or descending order.
9	Search	Searches messages by alphabets.
0	View details	Displays the detailed information on the highlighted message.
-	Add desktop icon	Creates a desktop icon of the highlighted message (Inbox, Sent, Folder1/Folder2, and Drafts only).
-	Edit	Edits the highlighted message (Drafts and Outbox only).
-	Resend	Resends the highlighted message in the folder (Outbox only). The entire message or only the packets that failed to reach the recipient(s) can be resent.


 *Depending on the selected folder, the menu number and available options may vary.*


 *Depending on the selected folder, some options may be displayed in gray and not be available.*


Message view Options menu

- Display the message list in the Inbox, Drafts, Outbox, Sent, Folder1, Folder2 or CB → Highlight a message →  → 

No.	Message view Options menu	
1	Reply	Replies to the sender of the highlighted message.
2	Reply all	Replies to the sender and all other recipients of the highlighted message.
3	Delete	Deletes the highlighted message.
4	View details	Displays detailed information on the highlighted message.
5	Forward	Forwards the message text of the highlighted message.
6	Save object	Saves the highlighted object to a folder in My data.
7	Attachments	Display the list of attached files.
8	Move msg	Moves the highlighted message to Inbox or Folder1/2, or copies to SIM or Phone.
9	Highlight mode	Activates the Highlight mode.
0	Add desktop icon	Creates a desktop icon of the highlighted message.

 Depending on the conditions, some options may be displayed in gray and not be available.

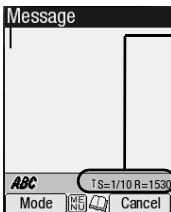
 The reply facility uses the phone number of the person who sent the message.

 The Save object Options menu will be displayed only if an object is highlighted.

- ◀ and ▶ to highlight a phone number, Email address or URL in the message → 

The columns show the menu numbers for P: Phone number highlighted, E: Email address highlighted and U: URL highlighted.

P	E	U	Message view Options menu	
1	1	-	Add to phonebook	Adds the highlighted phone number or Email address to a phonebook.
2	-	-	Dial phone number	Dials the selected phone number.
-	-	1	Add to bookmark	Adds the highlighted URL to the bookmarks.
-	-	2	Launch browser	Activates the web browser to access the highlighted URL.
3	2	-	Send	Sends a new message with the highlighted phone number/Email address in the To field.
4	3	-	Add desktop icon	Creates a desktop icon of the highlighted phone number/Email address.



Help area

This area contains the information on the message. S indicates the size of the message equivalent to the number of SMS messages, and R indicates the remaining number of characters available.

↑ (green)	Indicates that an upper case letter will be input next.
↑ (red)	Indicates the capital lock.
↔ (no arrow)	Indicates that a lower case letter will be input next.

- To display the Message composer screen, press **SK1** twice, press and hold **SK1**, or press **(MENU)** **2** and **SK1**
- Then press **1** to create a new SMS, **2** to create a new MMS, or **3** to create a new Email
 - (→ **(MENU)** to display the Message composer Options menu)
- To address the message, highlight the To field → **○** → Input the required phone number or Email address
 - P** To scroll the phone numbers in the To field, **◀** or **▶**
- To key in the message, highlight the Message field → **○** → Key in the message → **○**
 - P** Pressing **(MENU)** while keying in the To/Message field displays the Message edit Options menu screen.
- Press **SK1** to send the message
 - P** When you are in the ABC (normal text) mode, any word entered that is not in the T9 dictionary will be added automatically.
 - P** When you are keying in your message, press **SK1** to change the text entry mode.
 - P** If you display another screen or receive a call while you are editing a message more than 1 character, the message will be saved automatically in Drafts.

Message composer Options menu

To/Subject field Options menu

➤ **SK1** twice/press and hold **SK1**/**(MENU)** **2** and **SK1** → Press **1**, **2**, or **3** → Highlight the To/Subject field → **(MENU)**

P The columns show the menu numbers for:

- To: The To field highlighted when creating a new SMS/MMS/Email message.
- S: The Subject field highlighted when creating a new MMS message.
- E: The Subject field highlighted when creating a new Email message.

To	S	E	To/Subject field Options menu	
1	-	-	Add/Edit	Adds or edits a recipient phone number/Email address in the To field.
-	1	1	Edit	Edits the subject of a message.
2	2	2	Preview msg	Displays the message preview screen.

To	S	E	To/Subject field Options menu																
3	3	3	Delete	Deletes the highlighted recipient phone number/Email address or subject.															
4	4	4	Delete all	Deletes all the recipients phone numbers/Email addresses (To field only).															
5	5	5	Save	Saves the message in Drafts folder.															
6	6	-	Phonebook	Displays the phonebook list to insert a recipient phone number/Email address (To field only).															
7	7	-	Resend list	<p>Inserts a phone number/Email address from the resend list (To field only).</p> <p> You can delete the highlighted phone number from the resend list or the entire resend list by pressing 1 or 2 respectively.</p>															
8	8	-	Insert	Inserts a new recipient phone number/Email address (To field only).															
9	9	-	Address list	Displays the recipient(s) of the message (To field only).															
-	-	6	Add item	Adds picture, movie, sound, or text to the Email message.															
-	-	7	Attachments	Displays the list of attachments. (See "Email Attachments list Options menu" on page 39 for details).															
0	0	8	Msg options	<p> This option is available only when creating an MMS or Email message.</p> <p>When creating an MMS message:</p> <table border="1"> <tr> <td>1</td> <td>Priority</td> <td>Selects the message priority.</td> </tr> <tr> <td>2</td> <td>Delivery date</td> <td>Sets the delivery date.</td> </tr> </table> <p>When creating an Email message:</p> <table border="1"> <tr> <td>1</td> <td>Send option</td> <td>Selects whether to send an Email message immediately or later.</td> </tr> <tr> <td>2</td> <td>Send account</td> <td>Chooses which account to send the message.</td> </tr> <tr> <td>3</td> <td>Priority</td> <td>Selects the message priority.</td> </tr> </table>	1	Priority	Selects the message priority.	2	Delivery date	Sets the delivery date.	1	Send option	Selects whether to send an Email message immediately or later.	2	Send account	Chooses which account to send the message.	3	Priority	Selects the message priority.
1	Priority	Selects the message priority.																	
2	Delivery date	Sets the delivery date.																	
1	Send option	Selects whether to send an Email message immediately or later.																	
2	Send account	Chooses which account to send the message.																	
3	Priority	Selects the message priority.																	
*	-	-		Move	<p>Moves the highlighted phone number/Email address to the To/Cc/Bcc field.</p> <p> This option is available only when the phone number/Email address is highlighted in the To field list screen.</p>														






Depending on the conditions, some options may be displayed in gray and not be available.


Message/Slide/Attachment field Options menu

SK1 twice/press and hold SK1/ 2 and SK1 → Press 1, 2 or 3 → Highlight the Message/Slide/Attachment field →

The columns show the menu numbers for:

- S: The Message field highlighted when creating a new SMS message.
- M: The Slide field highlighted when creating a new MMS message.
- E: The Message or Attachment field highlighted when creating a new Email message.


S	M	E	Message/Slide/Attachment field Options menu	
1	1	1	Edit	Edits the message.
2	2	2	Preview msg	Displays the message preview screen.  <i>When previewing an MMS message, it displays the created slides in order from the beginning at the preset playback time for each.</i>
3	3	3	Delete	Deletes the highlighted slide or message.
4	4	4	Delete all	Deletes all the slides or attachments.
5	5	5	Save	Saves the message in Drafts folder.
6	-	-	Phonebook	Displays the phonebook list to insert a recipient phone number/Email address.
7	-	-	Resend list	Inserts a phone number/Email address from the resend list.
-	6	-	Insert object	Inserts Text, Sound, Picture, Animation, Emoticon or Video into the slide.
-	7	-	Copy	Copies the highlighted slide.  Highlight the slide you want to copy →  7 → Highlight the place you want to copy the slide to → Press SK1.
-	8	-	Move	Moves the highlighted slide.  Highlight the slide you want to move →  8 → Highlight the place you want to move the slide to → Press SK1.
-	9	-	New slide	Inserts a new slide just before the currently highlighted slide.
-	0	-	Duration	Sets the length of time a slide is displayed when previewing the MMS message.
-	-	6	Add item	Adds picture, movie, sound, or text to the Email message.
-	-	7	Attachments	Displays the list of attachments. (See "Email Attachments list Options menu" on page 39 for details).
-	*	8	Msg options	See "Msg options" on page 37 for details.

 Depending on the conditions, some options may be displayed in gray and not be available.

Email Attachments list Options menu







- Press **SK1** twice, press and hold **SK1**, or press **(MENU)** **2** and **SK1** → Press **3** → Highlight the Attachments/Message field and press **(MENU)** **7** or highlight the attachment field and press **○** → **(MENU)**









No.	Email Attachments list Options menu	
1	Add item	Adds picture, movie, sound, or text to the Email message.
2	Save item	Saves an attachment of the Email message in a folder.
3	Delete item	Deletes an attachment from the Email message.
4	Delete all	Deletes all attachments of the Email message.
5	Rename item	Renames an attachment of the Email message.
6	Copy item	Copies the attachment of the Email message.
7	Move item	Moves the attachment to another field or folder.
8	Move all	Moves all objects to a new position.
9	Create folder	Creates a new folder.
0	Storage detail	Displays the storage information.
*	View detail	Displays detailed information on the current message.
#	Options	See "File selector Options menu" on page 64 for details.

 Depending on the conditions, some options may be displayed in gray and not be available.

Message composer icons

The following icons will be displayed at the bottom of the Message composer screen.

Icons	Descriptions	Icons	Descriptions
MMS icons			MMS message with text(s) and video(s)
	The plain MMS message		MMS message with text(s), picture(s) and sound(s)
	MMS message with text(s)		MMS message with picture(s) and sound(s)
	MMS message with picture(s)	Email icons	

Icons	Descriptions	Icons	Descriptions
	MMS message with sound(s)		Email message with no text(s)
	MMS message with video(s)		Email message with text(s)
	MMS message with text(s) and picture(s)		Email message with no attachment(s)
	MMS message with text(s) and sound(s)		Email message with attachment(s)


Message edit Options menu

Press **SK1** twice, press and hold **SK1**, or press **(MENU)** **2** and **SK1** → Press **1**, **2**, or **3** → Highlight To or Message field → **O** → **(MENU)**


No.	Message edit Options menu	
1	Text colour	Selects the colour of text and background.
2	Text format	Selects the font size (small, normal or large) and font style (bold, italics, underline or strikethrough).
3	Text alignment	Sets the text alignment (left, centred or right).
4	Paste	Pastes the text which has been copied onto the clipboard in the Highlight mode. <i>P This function can be used only when text has been selected in the Highlight mode.</i>
5	Highlight mode	Activates the Highlight mode at the cursor position. <i>P To toggle the highlight mode on/off, SK1 and to go back to the normal mode, CLR</i> <i>P To display the Highlight mode Options menu, (MENU) (see "Highlight mode Options menu" on page 41).</i>
6	Insert object	Inserts Text, Sound, Picture, Animation, Emoticon, or Pictograph into the message at the cursor position.
7	T9 Language	Selects the language for T9 text input.
8	Edit settings	Sets the Write mode (Insert or Overwrite) and Clear mode (Backspace or Delete).

***P** Depending on the conditions, some options may be displayed in gray and not be available.*

Highlight mode Options menu

- Press **SK1** twice, press and hold **SK1**, or press **(MENU)** 2 and **SK1** → Press 1, 2, or 3 → Highlight To or Message field → 
- (MENU)** 5 or press and hold * → **(MENU)**

No.	Highlight mode Options menu	
1	Text colour	Selects the colour of text and background.
2	Text format	Selects the font size (small, normal or large) and font style (bold, italics, underline or strikethrough).
3	Copy	Copies the highlighted part of text onto the clipboard.
4	Cut	Cuts the highlighted part of text.
5	Delete	Deletes the highlighted part of text.
6	Select word	Selects (highlights) the nearest word to the current cursor position.
7	Select paragraph	Selects (highlights) the nearest paragraph to the current cursor position.
8	Select all	Selects (highlights) the entire text.
9	Save to text file	Saves the highlighted part of text as a text file.

 Depending on the conditions, some options may be displayed in gray and not be available.

Cell broadcast (M27)

Cell Broadcast (CB) messages (e.g. weather reports, news) are sent by the network to all phones in a certain area.

- (MENU)** 2 7

 Broadcast messages service is network dependent. Please contact your service provider for details.

Web browser (M3)

To access WAP service, you would need to:

- 1 Apply for WAP service before accessing WAP. You can choose General Packet Radio Service (GPRS) or Circuit Switched Data (CSD) as the data bearer for WAP access. The connection speed of GPRS is faster than CSD. For more details or subscription of WAP service, please contact your network service provider.
- 2 Set up WAP service settings in your phone.



What can I download

Your phone supports the downloading of the following different types of content:

- Sound files (including ringer melodies, video sound, etc.)
- Pictures
- Animation
- Video
- Java™ applications

 For the handling of the downloaded data, see "My data (M6)" on page 61.

 If you have not enough memory left on your phone for the downloaded file, a message will be output and you cannot download the file. Make sure you have enough memory space before downloading any file.

To set up your phone to access WAP information on the Internet, use the following procedures.

Setting your connection profile and homepage

Your phone has been preset with a list of GPRS and CSD WAP proxy of different service provider.

To display the list of available connections, you can use the following procedure. Also, you can set your favourite URL as the homepage.

☛ **(MENU)** 3 5 1 → ○ → Highlight the required connection name → ○ → **SK2**

☛ Highlight Enter homepage field → ○ → Enter the URL → ○

🔗 *You can also choose which type of connection you require: CSD or GPRS. Please contact your service provider before setting.*

🔗 *The connection with a ✓ next to its name will be the connection used when you make a WAP connection.*




Setting the Connection profiles



To alter or enter information into a connection (profile), use the following procedure.



☛ **(MENU)** 3 5 1 → Highlight Connection profiles field → ○ → Highlight a connection name → **(MENU)** to display the Profile options menu.

No.	Profile options menu	
1	Add new	Creates a new profile.
2	Copy	Copies the current profile to use it as a template to create a new profile.
3	Edit	Edits the current profile.
4	Delete	Deletes the current profile.

Adding a new profile

- To add a new profile,  3 5 1 → Highlight Connection profiles field →  → SK1 or  1
- Key in the proxy title → 

No.	Profiles settings menu	
1	Load preset	Chooses a profile to load the settings from.
2	Profile title	Sets profile's name.
3	IP address	Sets IP address. If you do not have an IP address, please contact your network provider.
4	Bearer type	<p>GPRS: Always connects by GPRS.</p> <p>CSD: Always connects by CSD.</p> <p>GPRS priority: Connects by GPRS unless it is not available.</p>
5	GPRS settings	<p>AP name: Edits the address of the external data network you want to connect to, either an IP address or a text string.</p> <p>User name: Edits your user ID to enable you to log on to the external data network.</p> <p>Password: Edits your password to enable you to log on to the external data network.</p> <p> <i>The GPRS setting will be grayed-out if CSD is set as bearer.</i></p>
6	CSD settings	<p>Connect type: Selects the connection line type: ISDN or Modem.</p> <p>Dial-up number: Sets the dial-up number.</p> <p>User name: Edits your user ID to log on to the external data network.</p> <p>Password: Edits your password to log on to the external data network.</p> <p> <i>The CSD setting will be grayed-out if GPRS is set as bearer.</i></p>
7	DNS address	<p>Dynamic: Sets the dynamic DNS server address.</p> <p>Static: Sets the static DNS server address.</p>
8	Port number	<p>HTTP: Sets the HTTP port number.</p> <p>HTTPS: Sets the HTTPS port number.</p>
9	Authentication	Selects the authentication type from Normal or Secure.
0	Usage	Displays the name of the application currently used.

- When you have finished entering or editing the connection information, press SK2. The connection list will be displayed.
-  If you select the read-only proxy, Edit function is disabled.
-  For more details of profile settings, contact your network service provider.

Setting the CSD linger time

The linger time facility will disconnect a connection that has not been used for a preset amount of time. To set this time delay, use the following procedure.

- ☛ (MENU) 3 5 2 → Enter the time delay required → SK1

Web font

You can select the font to be displayed on your phone's screen from Large, Normal and Small.

- ☛ (MENU) 3 5 3 → Press the appropriate key for the required font.

Clear cache

If you start a WAP session using the last page visited, the information will be restored from the phone memory. If, however this page has been updated since your last visit, the updated page will not be displayed. To avoid this possibility clear the memory by the following procedure:

- ☛ (MENU) 3 5 4 → SK1

Logging on to WAP site

There are three types of WAP connection:

- Connect to a specific URL
- Connect to the homepage of the default connection
- Connect to the last web page connected before

Connect to a specific URL

To connect to a URL specified by yourself, use the following procedure.

- ☛ (MENU) 3 1 1 → Key in the desired URL → to select the typed URL → to browse the site

Connect to the Home page of the default connection

- ☛ (MENU) 3 1 2 (for details, see "Setting your connection profile and homepage" on page 43)

Connect to the last web page visited

- ☛ (MENU) 3 1 3

☞ *When you access the Internet with your phone for the first time or after you cleared the memory, the homepage set for Web/MMS profile will be the page to be accessed.*

Other features

Bookmark

- ☛ (MENU) 3 2
- ☛ To display the list of bookmarked pages, 1

- ☛ To reset the bookmarked pages, 2

Snapshot

The Snapshot function allows you to store up to 10 web pages and view them offline.

- ☛  3 3

- ☛ To display the list of stored snapshots, 1
- ☛ To delete all the stored snapshots, 2

☛ *The above operation is available only when one or more Snapshot data has been stored.*

☛ *To take a snapshot, you need to access the Snapshot screen while browsing a WAP site.*

☛ *Stored snapshot data can only be used for the snapshot function.*

Alert message

- ☛  3 4

- ☛ To display the list of received Alert messages, 1
- ☛ To delete all those messages, 2

NEC Web site

Your phone is also supported by a Web site at www.necmobile.com. Access this site from your phone and you can select and download content from the wide variety available. So, you do not need a PC to take advantages of these great new services.

Further information

For more details, visit www.necmobile.com on your PC or your phone.

GPRS dial up

With GPRS dial up service, you can access the Internet or read Emails from your PC through your phone. Use your phone as a modem to connect to a compatible PC through a PC Link cable (option) or the IR port to enable GPRS Internet dial up service.

For more detailed procedures, please visit our company homepage.

☛ *See also "IR modem (M892)" on page 21.*



☛ *Before using this service, you would be required to subscribe to a GPRS service and buy a PC link cable and CD-ROM.*


Phonebook (M4)


Phonebook types

Your phone can have up to 7 directories stored on your SIM card and in your phone memory:

- Complete (a list of all the numbers stored in the ADN and FDN)
- Personal directories (ADN) in the SIM card
- Personal directories (ADN) in the phone memory
- Service dialling numbers (SDN)
- Fixed dialling numbers (FDN)
- Own number
- Voice mail number

 *When viewing any of the directories described, you can switch to the other directories (if your SIM card supports them) by pressing *

 *The maximum number of phone numbers that can be stored on a SIM card is the total of the ADN, FDN and SDN directories.*

 *When you activate the phonebook, the directory which you were referring to the last time will open.*

Personal directory (ADN)

These numbers are known as abbreviated dialling numbers (ADN). There are two types of ADN, one is the phonebook stored in the phone memory (the phonebook (Phone)) and the other is the phonebook stored on the SIM card (the phonebook (SIM)).

Phonebook (SIM)

- Up to 255 personal data can be stored in the SIM card.
- Each personal data contains a phone number, a name and a location number.

 *The number of phone numbers that can be stored on a SIM card depends on the SIM card capability.*

Phonebook (Phone)

Up to 500 personal data can be stored in your phone memory. Each personal data is given a location number (1 to 500), and it can be allocated to a group.


To each personal data, you can set the following:

- 7 phone numbers (Home, Mobile, Work, Data, Fax, Other phone x 2)
- 2 Email addresses
- 2 descriptive information
- Group, Voice tag, LED colour, Picture and Sound/Video.

 *Up to 10 phone numbers can have a voice recognition recording allocated to them.*


Fixed dialling numbers (FDN)

Fixed dialling numbers are a means of limiting which numbers can be called from your phone. With the FDN feature switched on (see page 27), you can call with your phone the numbers you have stored in this phonebook and the emergency number only.

 Although FDN is supported by your phone, it must be present on your SIM card - check with your service provider.

Service dialling numbers (SDN)

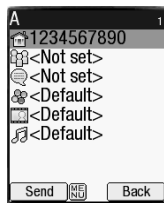
The numbers stored in the SDN directory are pre-installed by your service provider. They will call numbers and services as agreed with your supplier (e.g. customer enquiries, billing information, sportslines, weatherlines, etc.) and cannot be edited by you.

 Although SDN is supported by your phone, it must be present on your SIM card - check with your service provider.

Phonebook list screen



Personal data screen






SK2

Accessing your phonebook (M4)


You can store personal information in the phonebook of your phone or your SIM card.

Displaying a personal data (M41)


 **MENU** 4 1 and the appropriate key for the desired directory or  until the required directory is displayed → Highlight the required personal data → 

Displaying information about your phonebook (M42)

 **MENU** 4 2 to display the information about your phonebook.






 This function is SIM dependent.












Call options (M43)


 **MENU** 4 3 to display the Call options screen.





 For details on the Call options screen, see "Call options (M43)" on page 9.


Phonebook list Options menu

-   4 1 and the appropriate key for the desired directory or  until the required directory is displayed → Highlight the required personal data
 




No.	Phonebook list Options menu		
1	Add new	Adds a new personal data to Phone/SIM/FDN.	
2	Edit	Displays the data edit screen to edit the currently highlighted personal data.  <i>When editing the data in FDN, you will be prompted to enter PIN2 code.</i>	
3	Copy	Copies the currently highlighted personal data or the whole list to the following:  <i>When copying a personal data from the phonebook (Phone) to other directories, only the items which are supported by the destination directory can be copied.</i>	
		1 Current copy <ul style="list-style-type: none">  Press the appropriate key for the desired destination (SIM, Phone, FDN, Own number or Voice mail number) → Key in the desired location number →   <i>If you copy a personal data with more than one phone number/Email address to a directory which allows only one phone number/Email address per personal data to be stored, the Origin number screen will be displayed where you can choose item to be copied.</i> 	
		2 Package copy <ul style="list-style-type: none">  Press the appropriate key for the desired destination (SIM, Phone or FDN) → Key in the starting and ending location numbers →   <i>If you select the Phone, you have to select whether to just copy the first phone number or copy all the registered numbers.</i>  <i>If you copy a personal data with more than one phone number/Email address to a directory which allows only one phone number/Email address per personal data to be stored, a new personal data for each item will be created in the destination directory to store the number(s).</i> 	
4	Move	Moves the currently highlighted personal data.  Press the appropriate key for the desired destination (SIM, Phone, FDN, Own number or Voice mail number) → Key in the desired location number → 	
5	Delete	Deletes personal data.	
		1 Delete current	Deletes the currently highlighted personal data.
		2 Delete all	Deletes all the data in the list.

No.	Phonebook list Options menu																				
6	Groups	Editing the group information																			
		<ul style="list-style-type: none"> ➤ Highlight the group you wish to edit → SK1 and highlight the required field ➤ To rename the group name, select Group name field → Key in the name of the group → ○ ➤ To set information on the selected group, select Info field → Key in the info → ○ ➤ To select the LED colour, select LED field → 1 → Highlight the desired colour → ○ → SK1 to set the change ➤ To select the CLI picture, select Picture field → 1 → Highlight the desired picture → ○ → SK1 to set the change ➤ To select the ringer, select Sound/Video field → 1 for selecting the Sound or 2 for the Video → Highlight the desired ringtone or video → ○ → SK1 to set the change <p>📖 <i>If the personal settings for the LED colour, CLI picture, or the ringer are also set, they have priority over those of the Group settings.</i></p>																			
		Group member list screen Options menu <ul style="list-style-type: none"> ➤ Highlight the group you wish to edit → ○ to display the list of group members → Highlight the member →  																			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 5%; text-align: center;">1</td> <td style="width: 35%;">Call</td> <td style="width: 60%;">Calls the highlighted member.</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Send message</td> <td>Sends a new message to the highlighted member.</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Add new</td> <td>Creates a new phonebook entry to join the group.</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Add to group</td> <td>Adds a phonebook entry to the group.</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Remove from group</td> <td>Removes the highlighted member from the group.</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Remove and delete</td> <td>Removes the highlighted member from the group and delete the phonebook entry at the same time.</td> </tr> <tr> <td style="text-align: center;">7</td> <td>Add desktop icon</td> <td>Creates a desktop icon of the phone number/Email address of the highlighted member.</td> </tr> </tbody> </table>	1	Call	Calls the highlighted member.	2	Send message	Sends a new message to the highlighted member.	3	Add new	Creates a new phonebook entry to join the group.	4	Add to group	Adds a phonebook entry to the group.	5	Remove from group	Removes the highlighted member from the group.	6	Remove and delete	Removes the highlighted member from the group and delete the phonebook entry at the same time.	7
1	Call	Calls the highlighted member.																			
2	Send message	Sends a new message to the highlighted member.																			
3	Add new	Creates a new phonebook entry to join the group.																			
4	Add to group	Adds a phonebook entry to the group.																			
5	Remove from group	Removes the highlighted member from the group.																			
6	Remove and delete	Removes the highlighted member from the group and delete the phonebook entry at the same time.																			
7	Add desktop icon	Creates a desktop icon of the phone number/Email address of the highlighted member.																			




No.	Phonebook list Options menu	
7	Sort	Sorts the personal data in the order of alphabets or location number.  <i>Sorting may take time depending on the number of personal data entries, the number of characters contained in each entry and the type of language.</i>
		1 Alphabetic Sorts the personal data alphabetically.  <i>You can jump directly to a name beginning with specific characters by pressing the appropriate key (e.g. press 5 once to jump to names beginning with J, or twice to jump to names beginning with K).</i>
		2 Location Sorts the personal data in memory location number.
8	Location	Searches for the personal data by the location number.  Key in the desired location number → SK1 to display the Phonebook list screen with the selected personal data highlighted.
9	Show	Displays phonebook information.
		1 Summary Displays the summary of phonebook contents.
		2 Voice tag list Displays the phonebook entry names with the voice recognition tags recorded.
0	IR send	Sends the currently highlighted personal data to another device through the IR port.  <i>See also: "IR send" on page 20.</i>
*	Add desktop icon	Creates a desktop icon of the highlighted personal data.

 *Depending on the conditions, some options may be displayed in gray and not be available.*

Making a call or creating a message from the phonebook list


-  Highlight a desired personal data to display the stored numbers or Email addresses in the help area → Use ◀ and ▶ to display the other stored phone numbers or Email addresses, if any, in the help area.
-  Press  to make a phone call to the displayed phone number, or press SK1 to send a new message to the phone number or Email address

Adding a new personal data


-   4 1 and the appropriate key for the desired directory, or  until the required directory is displayed → SK2 → Select the directory to which you wish to store the personal data → Enter the name and other necessary information → SK1 (see "Editing an existing personal data" on page 52).

 *It is best to store numbers using the international number format.*






Editing an existing personal data

- ☛ **(MENU)** 4 1 and the appropriate key for the desired directory or  until the required directory is displayed → Highlight the required personal data → **(MENU)** 2





 For the phonebook (SIM) and FDN, only the name, phone number and the location number can be added or edited in the following procedures.

 For the own number and voice mail number settings, only the name and phone number can be added or edited in the following procedures.

Adding/editing phone numbers, Email addresses & personal information



- ☛ Highlight the field you wish to edit or add information to →  
- ☛ Add the required number or information or make necessary changes to the selected field →  
- ☛ Highlight another field to make further changes, if required.
-  You can edit the Name, Phone number, Email address and Info fields by the above method.

Allocating a group

- ☛ Highlight the Group field →   → Highlight the group you wish to add the current personal data to →  

Voice recall functions

Adding a Voice recall recording


- ☛ Highlight the Voice tag field →   → 1
- ☛ Say the name you wish to record as a voice tag → Say the name again for confirmation according to the displayed message.


Playing a Voice recall recording

- ☛ Highlight the Voice tag field →   → 2






Deleting a Voice recall recording

- ☛ Highlight the Voice tag field →   → 3





 Up to 10 voice tags can be stored.

 You can check the number of stored voice tag and list of those tags (see "Summary" and "Voice tag list" on page 51).

Allocating a LED colour

- ☛ Highlight the LED colour field →   → 1 → Highlight the desired colour →  
-  This setting has priority over the Group setting and phone setting for the LED colour.

Allocating a CLI picture

- ☛ Highlight the Picture field →   → 1
- ☛ Highlight the desired CLI picture → SK1 to preview the picture or  to select the highlighted picture
-  A ✓ is displayed on the icon for which the item is currently selected.

📍 See also: "Pictures (M63)" on page 62.

Allocating a ringtone or video

- Highlight the Sound/Video field → ○ → 1 to display the ringtone list screen or 2 to display the video list screen
- Highlight the desired ringtone or video → SK1 to preview the file or ○ to select the highlighted file
- 📖 A ✓ is displayed on the icon for which the item is currently selected.
- 📖 If both the CLI picture and the video are set, the video will be displayed on the screen.
- 📖 See also: "Sounds (M62)" on page 61.


Allocating a location number

- Highlight the Location number field → ○ → Key in the desired location number → ○

Saving the edited personal data

- After any edition, SK1 to save the edited data.

Personal data Options menu

- **MENU** 4 1 and the appropriate key for the desired directory or  until the required directory is displayed
- Highlight the required data → ○ → Highlight the required field → **MENU**



No.	Personal data Options menu	
1	Call	Calls the highlighted phone number.
2	Send message	Sends a new message to the highlighted phone number or Email address.
3	IR send	Sends the selected personal data to another device through the IR port.
4	Edit	Edits the selected personal data.
5	Copy	Copies the selected phone number(s)/Email address(es). ➤ Press the appropriate key for the desired destination (SIM, Phone, FDN, Own number or Voice mail number) → Key in the desired location number → ○
6	Move	Moves the currently highlighted personal data. ➤ Press the appropriate key for the desired destination (SIM, Phone, FDN, Own number or Voice mail number) → Key in the desired location number → ○
7	Delete current	Deletes the selected personal data.
8	Add desktop icon	Creates a desktop icon of the selected personal data.

📍 See also: "Phonebook list Options menu" on page 49 for the operation of 4 (Edit), 5 (Copy), 6 (Move) and 7 (Delete current).

Scratchpad number


Your phone has a scratchpad facility that enables you to take down a phone number during a call and then make a call to it when you have finished. This scratchpad number can be stored in memory for future use.

Noting & calling a scratchpad number

- During a call, key in the number to be placed in the scratchpad. It will be shown on your phone's screen →  when the call is finished. The number will still be displayed. Press  to dial the displayed number.

Voice mail (M417)

Voice mail function enables you to forward received calls to the Voice mail centre, and the caller can leave voice messages in your voice mail mailbox. You may be notified by an icon on the standby screen if the caller leaves a voice message.

 *The voice mail service is network dependent. Contact your service provider for details on your voice mail number.*

Setting the Voice mail number

 *This function is available when the Voice mail number has not been set.*

-   4 1 7 → Highlight the required line →  twice →  → key in the voice mail number →  → SK1 to save the change.

Forwarding a call to the Voice mail centre

- Set the voice mail centre number (see "Setting the Voice mail number" for details) → Set up Call diversion (see "Call diversion (M161)" on page 11 for details). When you receive a call set to be diverted, the call will be diverted to the voice mail centre.

Retrieving a Voice mail

 *This function is available when the Voice mail number has been set.*

-   4 1 7 → Highlight the required line → 

 *You can also retrieve a voice mail by pressing and holding 1 from the standby screen.*







 *To set up the line to call the voice mail centre, see "ALS setup" on page 22 for details.*

Camera (M5)







Camera function enables you to take pictures or record videos and save them as Joint Photographic Expert Group (JPEG) files and 3rd Generation Partnership Project (3GPP) files respectively. You can enjoy the picture and video files in many ways: send them attached to an MMS or Email, set a picture file as the wallpaper for your phone, etc.

Notes on using the camera




Handling the Camera

-  *The camera of your phone is manufactured using high-precision technology. However, there may be dots or lines on the screen that appear darker or brighter than the others. Note also that when you are shooting or recording in dimly-lit places, the amount of noise (such as red and blue dots or horizontal lines) may increase noticeably.*
-  *Be careful not to apply force to the lens when closing your phone. This could damage the lens.*
-  *Fingerprints or grease on the lens can result in focusing problems or dark images. Wipe the lens clean with a soft cloth before use.*
-  *The image quality may be degraded after your phone has been left for a long period in a warm place.*
-  *Exposing the camera to direct sunlight for a long period could discolour the camera's internal colour filter and cause discoloured images.*
-  *Camera mode is automatically cancelled if none of the phone's keys are pressed for 3 minutes or longer.*













Precautions when taking pictures/recording videos

-  *You cannot switch the camera's shutter sound off. The shutter makes a clicking sound when you take a picture or start/end a video recording, even when the phone is in Meeting mode.*
-  *Avoid camera shake. Moving the phone when you take a picture will result in a blurred image. Hold the camera firmly to keep it still when you take a picture, or use the auto timer to take the shot.*
-  *As there is a slight delay from the time you press the shutter (O) until the picture is actually taken, do not move the camera until you hear the shutter sound.*
-  *If taking a picture with not enough light, try to hold the phone still as much as possible, and for a longer period of time after the shutter sound: the shutter speed may be slower in a darker environment.*
-  *Note that if you attempt to shoot directly into a strong light source, such as the sun, another bright light or the high reflecting target with strong light, the image may contain washed-out white highlights or be disrupted.*
-  *While recording, be careful not to cover the mouthpiece of your phone as it is used as the microphone to record sound along with the video.*












Copyright information

-  Images and videos shot or recorded on your phone cannot be used in ways that infringe copyright laws without the consent of the copyright holder, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use.
-  Users are also asked to note that the transfer of images protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.
-  Be considerate of other people's privacy when you take a picture or record a video using the camera of your phone and send it to others.






Taking a picture (M51)

-  To activate the camera function, press and hold **Side up** or press  **5 1**
-  Look into the camera view finder screen and adjust the camera position to place the target on the screen.
-  You can switch the camera view finder screen between the main-LCD and the 2nd-LCD by pressing *****.
-  You can take a picture while the phone is closed.
-  Hold the phone still → To use the shutter,  or **Side up** → Check the picture → If successfully taken,  → Saved as a JPEG file in Pictures
-  After taking a picture, press **SK1** to send the taken picture attached to a message, and press **SK2** to discard the picture.
-  The default file name for the picture is the date, month, year and sequence number. When you take pictures in burst mode, the saved files will be named by the default file names plus a consecutive two-digit number at the end.
-  If a call comes in while you are checking or saving a photographed image, image storage is cancelled. When this occurs, the next time you select camera function a message appears to say that you have an image that was not stored, allowing you to check and store the image.
-  Before taking a picture, you can switch to the video camera function by pressing **SK2**. This use of **SK2**, however, is invalid if the self-timer function is activated.


Operations when taking a picture

-  To turn the light on or off, **SK1** or **Side down**
-  Take care not to hold the light too close to your or other people's eyes when the light is lit.
-  To zoom in and out,  or 
-  You can also select 1x, 2x, 3x or 4x magnification from the Zoom setting on the Camera Options menu.
-  To turn on/off the camera view finder on the full screen, press **#**.
-  Depending on the photo size, there may be parts not seen on the full screen view finder display in the saved picture.
-  To control the brightness level of the picture,  or 

Camera Options menu (before taking a picture)


No.	Camera Options menu (before taking a picture)	
1	Single mode/Burst mode	Switches the shooting mode to Single/Burst mode (serial shooting).
2	Shoot environment	Changes the camera settings to suit the environment. Select from Standard, Person, Room or Darkness.
3	Effect	Applies special effect to the picture. Select from Off, Sepia, Monochrome, Negative film, or Posterization.
4	Photo size	<p>Sets the picture size to Sub-QCIF (128x96), QCIF (176x144), Wallpaper (176x220), CIF (352x288), or VGA (640x480).</p> <p> You cannot use the Zoom function for VGA, and you can select only 1x or 2x magnification for Wallpaper and CIF.</p> <p> You cannot use the Frame and Burst mode functions for CIF and VGA.</p> <p> You cannot use the Full screen function for Sub-QCIF and QCIF.</p> <p> If you select Wallpaper, CIF or VGA, the picture on the camera view finder screen will be displayed as a smaller picture than the actual size. Also on the camera view finder screen, the picture size before shooting differs from the size after shooting.</p>
5	Image quality	Sets the image quality to Super fine, Fine, Normal, Economy or Super economy.
6	Frame	Selects whether to use a frame when taking pictures, and sets the desired frame with which a picture will be taken.
7	Self timer/Self timer cancel	Activates or deactivates the self-timer function.
8	Sound	Selects the Shutter sound and Self timer sound.
9	Pictures	Displays the Pictures screen.
0	Other settings	<p>Add desktop icon: Creates a desktop icon of the camera function on the standby screen.</p> <p>Automatic save: Selects whether to save taken pictures automatically or not.</p> <p>Light: Turns the light on or off.</p> <p>Brightness: Changes the brightness level of the picture between -2 and +2.</p> <p>Zoom: Changes the zoom magnification from 1x, 2x, 3x or 4x.</p> <p>Thumbnail view: Selects whether to display the pictures taken in the Burst mode as thumbnails or slides.</p> <p>Video: Activates the video function.</p> <p>Flicker control: Selects 50Hz, 60Hz or Auto to prevent flickers when taking a picture under a fluorescent light.</p>
*	Switch finder	<p>Selects whether to display the camera view finder on the main-LCD or the 2nd-LCD.</p> <p> On the 2nd-LCD view finder, the object appears as a mirrored image.</p>

No.	Camera Options menu (before taking a picture) (Continued)	
#	Full screen	Turns the Full screen on or off.

 Depending on the conditions, some options may be displayed in gray and not be available.

Camera Options menu (after taking a picture)

No.	Camera Options menu (after taking a picture)	
1	Save current	Saves the currently displayed picture.
2	Save all	Saves all pictures taken in Burst mode.
3	Send	Sends a new message with the file attached.
4	Set as wallpaper	Sets the picture as the wallpaper.
5	Display as normal image/ Display as mirror image	Selects whether to display the taken picture as a normal or mirror image on the main-LCD preview screen when you select the 2nd-LCD as a camera view finder in Single mode.
6	Save as mirror image	Saves the picture as a mirror image when you select the 2nd-LCD as a camera view finder in Single mode.
7	Thumbnail view	Selects whether to display the pictures taken in the Burst mode as thumbnails or slides.
8	Automatic save	Selects whether to save taken pictures automatically or not.
9	Pictures	Opens Pictures in My data.



 Depending on the conditions, some options may be displayed in gray and not be available.

Recording a video (M52)


Recording a video



To record a video, keep your phone open at all time. Unlike taking a picture, you cannot record a video while the phone is closed.

 Press and hold **Side up** then **SK2**, or press  **5 2** → Look into the view finder screen and adjust the camera position.

 You can switch the camera view finder screen between the main-LCD and the 2nd-LCD by pressing *****.
















 To start recording, **O** or **Side up** → The progress bar will show the ratio of how much you have recorded already.

 While recording, be careful not to cover the mouthpiece of your phone as it is used as the microphone to record sound along with the video.









 While recording, the key tones are deactivated.

 Move the camera to capture the scenes you want → To stop recording, press **O** or the **Side up**.

 After the set video file size is reached, the recording automatically stops.

-  After recording, press **SK1** to replay the recorded video, and press **SK2** to send the video file attached to a message.
-  While replaying, you can fast forward by pressing  or rewind by pressing . Pressing **SK1** or  will stop the fast forwarding/rewinding. Then, pressing **SK1** will restart and continue the replay.
-  You can discard the recorded video by pressing  or **CLR**.
-  To save the recorded video, . The recorded video is saved as a 3GPP file in the Videos - My movies folder in My data (see page 61).
-  Pressing # before/while playing a video file will enlarge the replay screen size, and pressing # will return the screen size to normal.
-  The video file will be saved as a file named from the date, month, year and sequence number.
-  For the operations while replaying the video, see "Videos (M61)" on page 61.
-  For the operations while recording a video, see "Operations when taking a picture" on page 56.
-  If a call comes in while you are checking or saving a video, video storage is cancelled. If this occurs, the next time you select camera function a message appears to say that you have a video that was not stored, allowing you to check and store the video.
-  Before recording a video, you can switch to the camera function by pressing **SK2**. This use of **SK2**, however, is invalid if the self-timer function is activated.


Operations when recording a video

-  To turn the light on or off, **SK1** or **Side down**
-  Take care not to hold the light too close to your or other people's eyes when the light is lit.
-  To zoom in and out,  or 
-  To control the brightness level of the picture,  or 


Camera Options menu (before recording a video)


No.	Camera Options menu (before recording a video)	
1	Shoot environment	Changes the camera settings to suit the conditions. Select from Standard, Person, Room or Darkness.
2	Effect	Applies special effect to the video. Select from Off, Sepia, Monochrome, Negative film, or Posterization.
3	Screen size	Sets the video screen size to Sub-QCIF (128x96) or QCIF (176x144).
4	Video file size	Sets the video file size to Mail size or Normal size.
5	Quality	Sets the video quality to High or Standard.
6	Self timer/Self timer cancel	Activates or deactivates the self-timer function.
7	Self timer sound	Selects the self timer sound from Sound1, Sound2 or Sound3.
8	Videos	Opens Videos in My data.

Camera Options menu (before recording a video)		
9	Other settings	Creates a desktop icon of the camera function on the standby screen, changes the Light, Brightness and Zoom settings, activates the camera function, and selects the frequency or auto setting of the Flicker control.
0	Switch finder	Selects whether to display the viewfinder on the Main-LCD or the 2nd-LCD.

 Depending on the conditions, some options may be displayed in gray and not be available.

Camera Options menu (after recording a video)

Camera Options menu (after recording a video)		
1	Save	Saves the currently displayed video.
2	Send	Sends a new message with the file attached.
3	Set as wallpaper	Sets the video as the wallpaper.
4	Full screen	Selects whether to enlarge the replay screen size.  You cannot use the Full screen function for QCIF.
5	View detail	Displays detailed information on the selected video.
6	Videos	Opens Videos in My data.

 Depending on the conditions, some options may be displayed in gray and not be available.

My data (M6)

Using My data, you can playback sound and music (MP3) files, or display pictures and videos downloaded from the Internet or captured with the camera function of your phone.

Videos (M61)

In the following section, how to playback video files (videos) stored in your phone is described. You can either record videos using your phone, download them from the Internet, receive them attached to MMS messages. There are two pre-set folders: My movies and Download.

Replaying the video files

- ☛ ▼ 1 or (MENU) 6 1 → Highlight a folder → ► or ○ → Highlight a video file you wish to replay → ○ → The video file will be replayed.
- ☞ *When the flat view function is activated, the list of folders is not displayed. The list of all the stored video files is displayed.*
- ☞ *If you wish to move to another hierarchy folder, use ◀ and ▶*
- ☞ *Pressing # on the video preview screen will enlarge the replay screen size, and pressing # again will return the screen size to normal.*
- ☞ *For the definitions of the icons displayed while replaying, see "LCD and displayed icons" on page vii.*

Operations while replaying video

- ☛ To stop, SK2
- ☛ To pause, SK1 → While pausing, SK1 again to restart and continue the replay.
- ☛ To fast forward/rewind, ◀ or ▶ → SK1 or ○ will stop the fast forwarding/rewinding.
- ☛ To enlarge the replay screen size, #
- ☛ To adjust the volume, Side keys
- ☛ To replay the previous/next file, ▲ or ▼
- ☞ *You cannot fast forward, rewind or enlarge the screen for video files with only sound but no image.*

Sounds (M62)

In the following section, procedures to playback and delete desired sound items are described. There are three pre-set folders: Download, Preset and Voice memo.

Selecting and playing sound

- ☛ ▼ 2 or (MENU) 6 2 → Highlight a folder → ► or ○ → Highlight a sound file you wish to replay → ○
- ☞ *When the flat view function is activated, the list of folders is not displayed. The list of all the stored sounds files is displayed.*

 If you wish to move to another hierarchy folder, use ◀ and ▶


Operations while playing sound


- To stop, **SK2**
- To adjust the volume, **Side** keys.
- To replay the previous/next file, ▲ or ▼


Pictures (M63)

The Pictures function allows you to display images and animations, which were obtained with the camera function of your phone, received as a file attached to MMS messages, or downloaded from the Internet. The images can also be edited using this function. From the Pictures function you can also attach images and animations to MMS messages you compose. There are five pre-set folders: Photo, Preset, Download, Frame and Stamp.



Displaying the Pictures view screen

- ▼ 3 or  6 3 → Highlight a folder → ▶ or ○ → Highlight an image file you wish to display → ○
- To display the previous/next image file, ▲ or ▼

 When the flat view function is activated, the list of folders is not displayed. The list of all the stored image file is displayed.

 If you wish to move to another hierarchy folder while the Thumbnail view is turned off, use ◀ and ▶

Cutting the image

- Highlight or display the image file you wish to edit →  1 3 → Select the image size → A frame indicating the cut area appears on the preview screen.
- Move the frame position → ○ → **SK1** if the image is favorable
-  When you select Free, a cross indicator appears on the preview screen. Move it to the point to start a frame and ○ to confirm the position. Then, expand the frame into the required size and ○ to confirm.

Reducing the image size

- Highlight or display the image file you wish to edit →  1 4 → Select the image size → **SK1** if the image is favorable

Rotating the image

- Highlight or display the image file you wish to edit →  1 5 → **SK1** to rotate the image 90 degrees clockwise.
- Keep pressing **SK1** until the image is at the required angle → ○ to confirm

Decorating the image with stamps

- Highlight or display the image file you wish to edit →  1 6

- ☛ To apply a marker stamp, 1 → Highlight the required stamp → ○ → The marker stamp position is displayed in centre
- 📖 *If you wish to preview the highlighted stamp, press SK1*
- ☛ To apply a text stamp, 2 → Key in the text → ○ → The text stamp position is displayed in centre
- ☛ Move the stamp position → ○ to confirm → The stamp preview is displayed again. Repeat applying if necessary, or (MENU) to select another stamp
- ☛ SK1 when finished applying the stamp (the stamp preview will not be applied this time)

Adding a frame to the image

- ☛ Highlight or display the image file you wish to edit → (MENU) 1 7 → Highlight a frame → ○ to preview the resulting image → Scroll through the various frames by ▲ and ▼ → ○ to confirm.

Saving the edited image

- ☛ After any edition, SK1 or ○ to save the edited image → Select the Save Quality → Edit the name (if required) → ○

Music (M64)

In the following section, the procedures to display and play your music files from Music are described. There is one pre-set folder: Download.

Selecting and playing a music file


- ☛ ▼ 4 or (MENU) 6 4 → Highlight the music file you want to play → ○
- 📖 *When the flat view function is activated, the list of folders is not displayed. The list of all the stored music files is displayed.*
- 📖 *To create your own playlist, see "Music player (M81)" on page 67.*



Operations while playing a music file


- ☛ To stop, SK2
- ☛ To adjust the volume, Side keys.
- ☛ To replay the previous/next file, ▲ or ▼


File selector Options menu

☛ Display the Videos/Sounds/Pictures/Music list screen → 

No.	File Selector Options menu	
1	Edit item	<p>Rename item: Edits the file/folder name of the selected file/folder.</p> <p>Set protection: Changes the protection settings of the selected file/folder.</p> <p>Cut: Cuts the selected picture into Sub-QCIF (128x96), QCIF (176x144), Wallpaper (176x220), or Free.</p> <p>Reduce: Reduces the selected picture to fit within Sub-QCIF (128x96), QCIF (176x144), or Wallpaper (176x220)</p> <p>Rotate: Rotates the selected picture.</p> <p>Stamp tool: Adds a marker or text stamp on the selected picture.</p> <p>Frame: Sets a frame to the selected picture.</p>
2	Use item (Videos)	<p>Set as ring tone: Sets the selected video to be the ringer tone.</p> <p>Set as wallpaper: Sets the selected video to be the main-LCD wallpaper.</p> <p>IR send: Sends the selected video through the IR port to other devices or a cellphone.</p>
2	Use item (Sounds)	<p>Set as ring tone: Sets the selected sound to be the ring tone.</p> <p>Set as SMS tone: Sets the selected sound to be the SMS tone.</p> <p>Set as MMS tone: Sets the selected sound to be the MMS tone.</p> <p>IR send: Sends the selected sound through the IR port to other devices or a cellphone.</p>
2	Use item (Pictures)	<p>Set as wallpaper: Sets the selected image to be the main-LCD wallpaper.</p> <p>Add desktop icon: Creates a desktop icon for the selected image on the standby screen.</p> <p>IR send: Sends the selected image through the IR port to other devices or a cellphone.</p>
3	Send	<p>Sends a new message with the file attached.</p> <p> <i>This function is not available for the Music files.</i></p>
4	Delete item	Deletes the selected file and folder.
5	Delete all	Deletes all the files in the current folder.
6	Copy item	Copies the selected file to any folder.
7	Move item	Cuts the selected file and pastes it into any folder.
8	Move all	Cuts all the files in the current folder and pastes them into any folder.
9	Create folder	Creates a new folder under the current folder.
0	Storage detail	Displays the current storage information of your phone memory.

No.	File Selector Options menu	
*	View detail	<p>Displays the details of the selected folder or file.</p> <p> You can also display the details on the highlighted folder or file by pressing * without displaying the Options menu.</p>
#	Options	<p>Sorting order: Sorts the files by date or alphabetically.</p> <p>Info column: Sets whether to display the column on the list screen, and the information to be shown there.</p> <p>None: No column showing</p> <p>Size: Approximate size of the file</p> <p>Type: File type</p> <p> You can also change the information on the column by pressing # without displaying the Options menu.</p> <p>Thumbnail view: Displays the files as thumbnails.</p> <p>Flat view: Displays the list of all the stored files regardless of the folder hierarchy.</p> <p>List display: Sets whether to display the user title or the file/folder name.</p> <p>Title: Displays the user title.</p> <p>File name: Displays the file/folder name.</p> <p>Save options: Saves the current option settings.</p> <p>Reset options: Resets the option settings.</p>

 Depending on the conditions, some options may be displayed in gray and not be available.

 Neither protected data nor preset data and folders can be deleted or moved.

Java™ (M7)


You can download Java™ applications (games etc.) from WAP sites and run them on your phone.

Applications (M71)


How to run software

To run a software (Java™ application), perform the following.

  7 1 → Highlight an application containing the software you want to run →   or 


 When you display the Java™ applications list screen for the first time after downloading a program(s), it may take a while for your phone to verify the program(s). A message will be displayed during this process, and you may activate the program(s) after it is completed.

 After downloading the software, always make sure that you check the downloaded program is displayed in the Applications screen.

 Do not remove the battery while the software is running as data to that point may not be saved.



Applications Options Menu

  7 1 → Highlight an application containing the software you want to run → SK1

No.	Applications Options menu	
1	View info	Displays the information of the selected application.
2	Delete current	Deletes the currently highlighted Java™ application.
3	Delete all	Deletes all the applications.  Before executing this option, you will be prompted to enter the security code.
4	Security setting	Displays the security setting of the highlighted application.

Network setting (M72)



You can select the connection profile for the Java™ application software to connect to the network.

  7 2 → To display the Web profiles screen, 1, or to display the Connection profile screen, 2 (see “Setting your connection profile and homepage” on page 43 for details).

 This setting is only effective for on-line applications.

Storage info (M73)

You can display the number of Java™ applications currently stored in your phone and the size of free memory.

  7 3 to display the Storage info screen

Accessory (M8)

Music player (M81)

This feature allows you to create a Playlist to play MP3 music files in the order you desire. You can add the music files saved in Music of My data to the Playlist (see "My data (M6)" on page 61) or change the order of the music files within the Playlist.

- **(MENU) 8 1** → Highlight a music file and **SK1** to play → After playing, **SK2** to stop.
- *If there are no music files saved in the Playlist, the Playlist screen will be displayed.*
- *When you use a headset, you can start or stop playing by pressing the button on it, and play the next file by pressing and holding it.*

Music player Options menu

- **(MENU) 8 1 (MENU)**

No.	Music player Options menu	
1	Playlist	Displays a list of MP3 music files in the order in which they are played. • (MENU) to add, move, delete or display the properties of the selected music file, or SK1 to add an MP3 music file. • <i>You can save up to 30 MP3 music files in the Playlist depending on the size of each file.</i> • <i>The music files that are moved or deleted from Music of My data or erroneous music files are displayed in gray and cannot be played.</i>
2	Play mode	Normal: Plays all the music files in order from top to bottom of the Playlist once. Repeat all: Plays all the music files in the Playlist repeatedly. Repeat one: Plays the selected music file repeatedly.
3	Equalizer	Selects from Rock , Jazz , Pop and Off to obtain the desired tone. • <i>The selected Equalizer setting applies to all the music files in the Playlist.</i>
4	Add desktop icon	Creates a desktop icon of the Music player function on the standby screen.

- *Depending on the conditions, some options may be displayed in gray and not be available.*

Playlist Options menu


- **(MENU) 8 1 (MENU) 1 (MENU)**

No.	Playlist Options menu	
1	Add item	Adds a music file to the Playlist.
2	Move item	Moves the highlighted music file in the Playlist.
3	Delete item	Deletes the highlighted music file from the Playlist.
4	Delete all	Deletes all the music files from the Playlist.
5	View detail	Displays the properties (file name, title, artist name and recording time) of the highlighted music file.

Calculator (M82)










You can perform addition, subtraction, multiplication and division with the calculator. It also has a memory function.


  8 2

 The calculator can display a result of up to 9 digits. If a calculation results in a number exceeding the maximum, the screen displays error in the calculation field.

Calculator Key Assignment

For calculator function, the keys are assigned different functions. The following shows the key assignment:

Key	Operation	Key	Operation
	Addition (+)		Subtraction (-)
	Multiplication (×)		Division (÷)
	Equals to (=)	SK2	Memory Addition (2 nd)/Memory Store
SK1	Memory Recall (2 nd)/Memory Cancel		Percent (%)
	Inversion (±)		Exit calculator
	Decimal Point (.)	CLR	Delete digit (if held, all clear)




 Using the % function, you can calculate $(100 + x)$ % of a figure (e.g. $200 + 5\% = 210$) and $(100 - x)$ % of a figure (e.g. $200 - 5\% = 190$).

Clock alarm (M83)




This feature enables you to switch the clock alarm function on/off and to set the time, repetition and alarm tone.

Turning the alarm on/off

 **MENU** 8 3

Clock alarm setting	
On/Off	Turns on or off the alarm.
Set time	Sets the time and am/pm (for 12 hour format) at which the alarm will sound.
Set alarm tone	Sets the melody to be played when the alarm occurs (optional). See “Sounds (M62)” on page 61.
Alarm repeat	Selects alarm repeat for once, daily or day of the week.  You can select more than one day of the week at the same time.  You can remove the check by highlighting and pressing  again.
Enter alarm text	Sets the message (e.g. Wake up!) which is displayed when the alarm occurs (optional).


 When all settings are done, **SK1** to save the setting.


-  The selected melody will be played when the alarm occurs if the ringer is turned on based on the current phone mode. If vibration is turned on, you will be notified of the alarm by vibration.
-  Even if the phone has been switched off, the phone automatically switches itself on and sounds the alarm or vibrates at the specified time.
-  You can stop the alarm tone or vibration by pressing any key.


Scheduler (M84)

Scheduler enables you to enter reminders and appointments for particular time and date.


Adding a new event

 **MENU** 8 4 → Highlight the day →  to display the day's schedule list screen (if any) → **SK1**

Scheduler setting	
Event date/time	Sets the day, month, year, time and am/pm (for 12 hour format) of the event.
Description	Sets the event description (optional).
Repeat	Selects repeat for One time only, Daily, Weekly or Monthly.
Reminder	Turns on or off the reminder.
Reminder tone	Associates a reminder tone with an event.  You can set the reminder tone only when the Reminder is turned on.


Scheduler setting	
Private	Sets the event as a private event.  Place a check mark to set the event as a private event. To set the event as a public event, do not place a check mark.

 When all settings are done, **SK1** to save the setting.

 *The selected melody will be played when the scheduled event occurs if the ringer is turned on based on the current phone mode. If vibration is turned on, you will be notified of the event by vibration.*


 *If the phone has been switched off, the phone does not switch itself on to sound the reminder or vibrate at the specified time.*

 *You can stop the reminder tone or vibration by pressing any key.*

 *If the event is a private event, the reminder will sound at the specified time but the entered description will not be displayed on the LCD. You are prompted to enter the security code to view the details of the private event.*





Viewing the scheduled events


  **8 4** → Highlight a day (**SK1** to display the previous monthly/weekly view screen or **SK2** to display the next monthly/weekly view screen)


  to display the day's schedule list screen (To display the previous/next day's schedule list screen, **◀** or **▶**).


  to display the detail screen of the highlighted schedule.

Scheduler Options menu

  **8 4** → Highlight the day →  to display the day's schedule list screen (if any) → Highlight the required scheduled event → 

No.	Scheduler Options menu	
1	Add new	Adds a new entry.
2	Edit	Edits the highlighted event.
3	Copy	Copies the highlighted event.
4	Delete	Deletes event(s). Press the appropriate keys for the event category (the currently selected event, all the public/private events on the day, all the past public/private events, all the public/private events or all the events) to delete.
5	Go to date	Displays the selected date.
6	Monthly calendar/ Weekly calendar	Switches the weekly view screen to the monthly view screen, or the monthly view screen to the weekly view screen.
7	View summary	Displays a summary of all the events.
8	View events	Displays the events. Press the appropriate keys for the event category (Public only, Private only or All) to display.  <i>You are required to key in the security code to display the private events or all events.</i>

No.	Scheduler Options menu (Continued)	
9	IR send	Sends the selected schedule through the IR port to other devices or a cellphone.  <i>The IR send function is not available during a call.</i>


 Depending on the conditions, some options may be displayed in gray and not be available.


ToDo list (M85)

This feature allows you to set up to 100 ToDo tasks that should be finished by a certain date. You can choose to display either all ToDo tasks, or those just finished or unfinished. Each task is identified by a description (of up to 256 characters) and its start/due date.



Adding a new ToDo task

  8 5 → Highlight the list →  → SK1








ToDo list setting	
Start date	Sets the day, month and year to start the ToDo task.
Due date	Sets the date to end the ToDo task. Key in the date or press the appropriate key for the date.  <i>If you select to key in the date yourself, input the day, month and year of the date to end the ToDo task, then SK1.</i>
Description	Sets the ToDo task description (e.g. Pay the rent).
Category	Sets the category (Business, Personal or Other).
Priority	Sets the priority (Normal, Low or High).
Private	Sets the ToDo task as private.

 When all settings are done, SK1 to save the setting.

When a ToDo task is completed

  8 5 → Highlight the list →  → Highlight the required ToDo task →  →  1 and 1, or SK2 to save the task as completed.

Viewing ToDo task details

  8 5 → Highlight the list →  → Highlight the required ToDo task →  → To view the details of the previous or next ToDo task in the list,
 OF 
 To edit the currently displayed task, SK1

ToDo Options menu

 To display the ToDo Options menu,  8 5 → Highlight the list →  → Highlight the required ToDo task → 

☛ To display the ToDo detail Options menu, **(MENU) 8 5** → Highlight the list → **○** → Highlight the required ToDo task → **○** → **(MENU)**
 Column L shows the ToDo options menu, and column D shows the ToDo detail Options menu.

L	D	ToDo Options menu	
1	4	Add new	Adds a ToDo task based on the highlighted ToDo task (see "Adding a new ToDo task" on page 71, from the second step).
-	1	Status	Changes the completion status of the highlighted ToDo task.
2	2	Edit	Edits the highlighted ToDo task (see "Adding a new ToDo task" on page 71, from the second step).
3	-	Delete	Deletes ToDo task(s). Press the appropriate keys for the ToDo task category (the currently selected ToDo task, all the public/private ToDo tasks, all the completed public/private ToDo tasks or all the ToDo tasks) to delete.
-	3	Delete current	Deletes the highlighted ToDo task.
4	-	Display filter	Sets the type(s) of ToDo tasks to be displayed by selecting the desired filter option (None, Incomplete or Complete).
5	-	Sort list	Displays a list of ToDo tasks rearranged according to the selected sort key (Due date, Category, Priority, or Status).
6	-	View summary	Displays the number of unfinished and finished tasks and how many more tasks can be created.
7	5	IR send	Sends the selected ToDo task through IR port to other devices or a cellphone. ☞ <i>The IR send function is not available during a call.</i>

☞ Depending on the conditions, some options may be displayed in gray and not be available.

Notepad (M86)

Notepad function allows you to record and store a note as a text file.

Creating a new memo (M861)



☛ **(MENU) 8 6 1** → Key in text → **○** to save the entry as a text file. The first few words are displayed on the text list screen.


Displaying a memo (M862)

☛ **(MENU) 8 6 2** → Highlight the list → **SK1** to preview the memo, or **○** to edit the memo

Notepad Options menu

 8 6 2 → Highlight the a text (note) → 

No.	Notepad Options menu	
1	Edit item	Changes the protection settings of the selected file. Rename item: Edits the file/folder name of the selected file/folder. Set protection: Changes the protection settings of the selected folder or file.
2	Use item	Add desktop icon: Creates a desktop icon of the selected file on the standby screen. IR send: Sends the selected file through IR port to other devices or a cellphone.  <i>The IR send function is not available during a call.</i>
3	Send	Sends a new message with the highlighted text (note).
4	Delete item	Deletes the selected file or folder if it is unprotected.
5	Delete all	Deletes all the notes unprotected from the list.
6	Copy item	Copies the selected note.
7	Move item	Cuts and pastes the selected note.
8	Move all	Cuts and pastes all the notes in the current folder.
9	Create folder	Creates a new folder under the current folder.
0	Storage detail	Displays the current storage information of your phone memory.
*	View detail	Displays the detail of the selected file.
#	Options	Sorting order: Sorts the files by date or alphabetically. Info column: Sets whether to display the column on the list screen, and the information to be shown there. None: No column showing Size: Approximate size of the file Type: File type  <i>You can also change the information on the column by pressing # without displaying the Options menu.</i> Flat view: Displays the list of all the stored files regardless of the folder hierarchy. Save options: Saves the current option settings. Reset options: Resets the option settings.







 *Depending on the conditions, some options may be displayed in gray and not be available.*

Voice memo (M87)

Voice memo function allows you to record up to 60 seconds of sound/voice, using your phone's microphone.

Recording/playing voice memo or setting speaker

 **MENU** 8 7

No.	Voice memo setting	
1	Record	Records a voice memo.  SK1 to start recording.  You can finish recording and save the data as a file by pressing SK2 even before the recording is completed.  To record the conversation during a call, see "Recording a call" on page 9.
2	Play	Plays a voice memo or recorded call.  Highlight a voice memo →  to start playing and SK2 to stop playing.
3	Speaker setting	Selects between speaker and earpiece to play the voice memo.  1 for the Speaker, or 2 for the Earpiece.



 See also: "Sounds (M62)" on page 61.


Currency (M88)

Currency function allows you to convert an amount of money in one currency to another.



Converting currency

 **MENU** 8 8

Currency setting	
From	Sets the source currency code.
To	Sets the destination currency code.
Exchange rate	Sets the exchange rate.  If you wish to change the exchange rate, CLR to delete the displayed exchange rate and key in the required number (for decimal point, SK1) → 
Amount	Sets the amount of money you wish to convert (for decimal point, SK1).

 If you have made a mistake in entering the amount, *CLR* to delete individual number or *SK2* to cancel the entry and return to the previous screen, and then start again.

Resetting the currencies

  8 8 and SK1

Infrared (M89)

  8 9

 For details, see "IR Data Exchange" on page 20.

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