N343i







Stunning model

Thank you for choosing an NEC phone. You've bought a beautifully designed phone from one of the ten largest electronics companies in the world. We'd like to welcome you to a new world of innovative mobile communications.

Your new NEC N343i phone

Your new N343i is an ultra slim mobile that fits easily in your pocket. Take photos using the integrated camera, then view them on the 65K colour screen and share them with your friends over MMS. Check emails and surf the web with innovative i-mode™ services, and enjoy all the latest Java (DoJa 1.5) games and applications. This manual will guide you through all these great features, so you can get the most out of your new phone.

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Important Information

Read this information before using your phone

Conditions of Use

Operation of this NEC mobile phone is subject to the following two conditions; (1) this device may cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This NEC mobile phone generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the device on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1 Reorient or relocate the receiving internal antenna.
- 2 Increase the distance between the device and receiver.
- 3 Connect the device into an outlet on a circuit different from that to which the receiver is connected.

4 Consult the dealer or an experienced radio/TV technician for help. The radiated output power of this internal wireless radio is far below the FCC radio frequency exposure limits. Nevertheless, the wireless radio shall be used in such a manner that the radio is 2.5 cm or further from the human body. However, the user of wireless radios may be restricted in some places or situations, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio. Several restrictions and cautions of using mobile phone are listed in the Safety and Precautions in the next chapter.

FCC RF Exposure Information

In August 1996 the Federal Communication (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previous set by both U.S.and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved internal antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5 cm) must be maintained between the user's body and the phone, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with FCC RF exposure requirements and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

Declaration of Conformity

The product was shown to meet the requirements of the R&TTE Directive through third party tests to harmonized standards.

Hereby, *Quanta Computer Inc.*, declares that this NEC mobile phone is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Safety And Precautions

Emergency services

To make an emergency call in any country:

- Press 112, the worldwide emergency number.
- Ask the operator for the service which you require: Police, Ambulance, Fire Brigade, Coastguard
 or Mountain Rescue Services. Give your location 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 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.
- · For customized local emergency numbers, please check with your local units for the number.

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 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 degrees celsius; 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 battery packs in a fire. Your phone's Li-ion batteries may be safely disposed at Li-ion recycling points.
- 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. Disposal of used battery must be 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 casing.
- Recycling: 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 certain data may be initialized.
- Your phone contains metal which may cause itching, rashes 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 a bag which may be subjected to excessive weight or pressure. Doing so may damage the LCD and camera lens and cause them to malfunction.

Aircraft safety

 Switch off your cellphone and remove its battery when inside or near the aircraft. The use of cellphones in the aircraft is illegal. It may be dangerous to the operation of the aircraft and 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 cause 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 cellphone at the 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 is placed, such as a cellphone.
- 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 and 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. Improper installation of wireless equipment in vehicle could result in serious injury when the air bag inflates.

Third party equipment

The use of third party equipment, cables or accessories, not manufactured or authorised 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 be serviced or repaired by an NEC authorised 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 come into contact with any part of the antenna unless there is an intervening metallic screen, for example, the metallic roof.

Use only the internal antenna that has been specifically designed for your phone. Use of unauthorized antennas, modifications or attachments could damage the mobile 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, please 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 mobile 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 G Hz)-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 2003 Australian Communications Media Authority.

Disposing of your used NEC products



In the European Union

EU-wide legislation as implemented in each Member State requires that used electrical and electronic products carrying the mark (left) must be disposed of separately from normal household waste. This includes mobile telephones or electrical accessories, such as chargers or headsets. When you dispose of

such products, please follow the guidance of your local authority and/or ask the shop where you purchased the product. THe mark on the electrical and electronic products only applies to the current European Union Member States.

Outside the European Union

If you wish to dispose of used electrical and electronic products outside the European Union, please contact your local authority and ask for the correct method of disposal.

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Before You Start

Cellphone system structure

Every time you use your phone, there are several components involved for the phone to operate successfully and to process a call:



All the features described in this user manual are supported by your phone. However, for all these features to work, you must have a valid SIM card (supplied by your service provider) that also supports these features. If the network that transmits your calls does not support a certain feature, the feature will not work even if you have a fully featured SIM card. This last point is especially important when you are roaming networks.

🛄 User guide legend

This type of paragraph contains important information.

This type of paragraph contains information worth noting.

This type of paragraph contains details of where to find related information to the topic being explained.



The phone supports a number of languages and the keyboard symbols have been chosen for world-wide operation.

The

Display information

LCD graphic display area

This area contains the greetings graphic on power up, status graphics, as well as information when searching for networks and making calls. The standby screen shows the current network, vibrator status, current active mode, current time and date and whatever you have keyed using the phone's keypad.

Status icon area

This area contains icons that indicate battery strength, new SMS or MMS messages received, new voice mail or imode status messages received, whether GPRS is activated, connection status, network signal strength, etc.

Help and softkey area

Depending on the current mode, this area contains applicable information or context dependent softkey functions. When "Menu" is displayed above the Left Softkey area of the LCD, press *Left Softkey* to access the available options under "Menu".

Key functions

The following describes the key functions of the navigation keys and left/right Softkeys and 🛅 other keys of your phone:

- A navigation key: Press to scroll left or move the cursor to the left of the screen. Also serves as a shortcut key to Phonebook menu from the standby screen.
- navigation key: Press to scroll right or move the cursor to the right of the screen. Also serves as a shortcut key to Messages menu from the standby screen.
- A navigation key: Press to scroll up or move up the cursor. Also serves as a shortcut key to Phone modes menu from the standby screen.
- ravigation key: Press to scroll down or move down the cursor. Also serves as a shortcut key to My data menu from the standby screen.
- Centre key: Press to confirm the function. Press to display main menu screen from the standby screen. Press to toggle your desired function On/Off in the each menu screen.

🔟 (End or On/Off) key:Press to return to the standby screen in a function or end a call. Press and hold to power on/off the phone.

- Call) key: Press to make a call. Press from the standby screen to display the Dialed calls list.
- Left Softkey: Press to activate the function displayed on the screen directly above it (bottom left of the screen). Also serves as a shortcut key to Mail from the standby screen.
- Right Softkey: Press to activate the function displayed on the screen directly above it (bottom right of the screen). Also serves as a shortcut key to i-mode from the standby screen.
- 🗋 The phone will return to standby mode when 🛅 key is pressed, but not when the phone is in the following functions: SMS/MMS/



The title of the selected options will be displayed in the header.

Main menu

The menu structure starts with the main menu. Main menu consists of nine different display screens that indicate main functions. To access each main menu function, press \bigcirc key from the standby screen. When the settings screen is displayed, use the \blacktriangle and \checkmark navigation keys to scroll through the main menu functions or press number keys (1-9) to access the following menus.

The following describes the main menu screens in the order of appearance:

- 1 Settings: provides various settings of your phone. Refer to page 30 for details.
- 2 Messages: provides messaging functions. Refer to page 46 for details.
- 3 i-mode: provides access to i-mode network. Refer to page 51 for details.
- 4 Phonebook: displays, adds and edits the list of phonebook entries. Refer to page 62 for details.
- 5 Camera: provides access to the camera function. Refer to page 69 for details.
- 6 My data: displays the list of sound and picture files stored in your phone. Refer to page 72 for details.
- 7 Java[™]: provides access to Java[™]. Refer to page 76 for details.
- 8 Accessory: provides appointments, notes and more functions. Refer to page 77 for details.
- 9 STK: provides SIM related functions (this will be replaced by Call options if the SIM card does not support STK services).

Main menu screens, menus, check boxes/radio buttons

The different functions and settings of your phone can be accessed by selecting Options menus, and check boxes / radio buttons:

Main menu screens

A screen represents a category or a particular function. To access each main menu function, press \bigcirc key from the standby screen. When the settings screen is displayed, use the \blacktriangle and \checkmark navigation keys to scroll through the main menu functions. Then press \bigcirc key/Left Softkey to confirm. Alternatively, press the number keys when the Settings screen is displayed.

· Option menus

A menu is a named link to a function or setting. The different types of Options menu operations include: accessing a function, adjusting levels, selecting an option, and to toggle a function on or off. To select a menu, move the navigation key to highlight the required option and press Left Softkey or the corresponding shortcut number key designated for the Options menu.

Check box/ Radio button

A check box enables / disables an option as displayed in the **Options** menu and multiple check boxes can be selected at the same time. Selecting a radio button automatically cancels the previous selection, hence only one radio button can be selected at one time. A check box / radio button option can be selected / canceled by highlighting it and pressing Left Softkey.

Options menu operation example

Changing of the phone modes using the Options menu is carried out as follows:

- From the standby screen, press **A** key.
- · Press Left Softkey to access the Options menu for Phone modes.

· Select Activate to activate the phone mode, or Change settings to edit the phone mode settings.

Keypad shortcuts

The following single key shortcuts are available from the **standby screen** (the screen that automatically appears when the phone is on and not in use)

- Press the
 navigation key to access the phonebook.
- Press the > navigation key to access Messages.
- Press the
 A navigation key to access Phone modes.
- Press the
 key to access the main menu.
- · Press the Left Softkey to access the Mail.
- · Press the Right Softkey to access i-mode unless you have a missed call/appointment/alarm, or a new message to read.
- Press ____ key once to access the Dialed calls list.
- Press called number.
- · Press and hold the Left Softkey to access Inbox of Mail.
- Press and hold the *Right Softkey* to access Applications of Java[™].
- Press and hold the
 A navigation key to switch on/off all signal tones.
- · Press and hold 0 to enter + when making an international call.
- · Press and hold 1 to call the voice mail centre.
- · Press and hold # to lock/unlock the keypads.
- Press and hold * to switch the ALS line 1/2 (if the SIM card support ALS).
- Press and hold 2-9 number keys to dial the corresponding number in the phonebook (SIM).

Main phone features

• The GSM/GPRS phone can be used in almost any part of the world with the Tri-band (GSM 900/1800/1900 bands) features. Your phone has the following features:

- 2 Softkeys
- · Li-ion Battery
- Alternate Line Service (ALS) compatible
- Calculator
- · Caller ID alert and vibrator
- Currency converter
- Date, Time & Alarm functions
- Phonebook pictures and ring tones
- · LCD screen: 128 (width) by 160 (height) pixels with 65,000 colour
- Camera: 300,000 pixels
- Messaging (SMS, EMS, MMS, Email)
- Short Messaging Service (SMS)
- Enhanced Messaging Service (EMS)
- Multi-media Messaging Service (MMS)
- Multi-party call capability (conference call)
- Scheduler, ToDo list, Notepad
- Alarm clock, Auto off, Auto on, Countdown, Stopwatch

- Composer
- Voice memo
- · 40-layer polyphonic ring tones
- Wallpapers
- · Power on animations
- Picture caller ID
- Phonebook (can store up to 250 records)
- SIM memory phonebook (can store up to 255 records, depending on the SIM capacity)
- T9[®] Text Input
- Phone mode settings (Normal, Meeting, Pocket and Car)
- Voice mail
- i-mode
- Java™

Displayed icons for LCD



1 Indicates the battery level.

医原原原原

Appears when charging the battery.

F. 19

Indicates the battery charging status (error. stopped).

2

Indicates that there is a new SMS/FMS in your phone.

- Te

 \sim

Indicates that there is a new message on the network.

\odot

Indicates that the SIM memory is full.

Indicates that the Inbox in your phone is full.

暠 (pink) 3

Indicates that there are mail and MMS on the server

🔚 (orange)

Indicates that there is a new i-mode mail in your phone.

8

Indicates that the memory for mail/MMS is full

- 4 📼 📼 (red, green) Indicates that new voice mail messages are on the network (No ALS or ALS Line 1/ALS Line 2).
- 1 5

Indicates the Java[™] application is active.

6 Ω

Indicates secured communication on SSL.

(gray) 7

Indicates that the phone is in the GSM Mobile (Global System for communication) network service area and GPRS is active.

🔒 (yellow)

Indicates that the GPRS is available and i-mode is active.

68

Indicates that the i-mode connection is carried out.

8

Indicates that the i-mode lock is on.

No icon appears when the phone is outside the GSM network service area, or when the phone is in the GSM network service area and GPRS is not attached.

8 77

Indicates the line status (No ALS or ALS Line 1/ALS Line 2).

Ψ Ψ Ψ Ψ ΨI 9

Indicates the signal strength level.

Υ×

Appears when you are outside the service area

10

Indicates that the alarm is set

11 🖶 🕸 🏤 Indicates that the volume is at the lowest

(silent) setting.

🚓 占 🚗 12

Indicates the Meeting mode, Pocket mode. Car mode.

- No icon appears for the Normal mode.
- 13 Ь

Indicates the call diversion is set.

- 14 Date
- Day of the week 15
- 16 1

Indicates that there is a missed call.

P 17

Indicates that there is missed а appointment.

18 1

Indicates that there is a missed alarm.

19 °≞∰

Indicates that the key lock is enabled.

Local time 20

21 20

Indicates the Java[™] auto start has failed

Overview of menu function





To access each main menu function, press ○ key from the standby screen and use the ▲ and ▼ keys to scroll through the main menu functions. Press ○ key again to confirm the main menu. Alternatively, press the main menu key number directly (see the following table).

Pressing 0 from the main menu will display your own number.

Key	Main menu	2nd Level menu
1	Settings	Phone
		Phone modes
		Display
		Calls
		Security
		Network
		T9 input
		Reset settings
2	Messages	Create
		Inbox
		Draft
		Outbox
		Predefined text
		Settings
		Memory status
		Cell broadcast

Key	Main menu	2nd Level menu	
3	i-mode	Settings	
		i-mode	
4	Phonebook	Lists	
		Call options	
5	Camera	<view finder=""></view>	
6	My data	Photos	
		Pictures	
		Sounds	
		Record voice	
		Memory status	
7	Java™	<java™ file="" list=""></java™>	
		<list folders="" of=""></list>	

Key	Main menu	2nd Level menu
8	Accessory	Organizer
		Clock
		Calculator
		Composer
		Voice memo
9	STK (SIM related functions) or Call options	

Getting Started

Your phone is equipped with a battery and a charger. Other optional accessories can customize your phone for maximum performance and mobility. All the features described in this user guide are supported by your phone.

For all the features to work, you must have a valid SIM card (included in the package supplied by your service provider) that also supports these features.

Even if you have a fully featured SIM card, any feature not supported by the network transmitting your call will not work. This last point is especially important when you are roaming among networks.

Before you attempt to use your phone, check if you have:

- · A valid SIM card inserted in the phone
- · Fully charged battery

Service activation

Before you can use your new NEC phone, the service must be activated by your service provider. Please contact your local service provider regarding phone activation.

Voice mail messaging and text messaging

Voice mail messaging and text messaging services, when available, are provided by your service provider. Before you can receive voice or text messages with your phone, you must subscribe to these service options. Contact your service provider for information on the availability and setup of these services.

Phone password

When your service is activated, a 4-8 digit PIN is programmed into the SIM. The PIN locks and unlocks your phone, and provides access to restricted phone settings. Check with your service provider for additional information on your security PIN.

SIM card

Before using your phone, you must sign-up/register with a wireless network service provider to receive a personal SIM (Subscriber Identity Module). The SIM card contains a computer chip that keeps track of your phone number, the services included in your subscription, and your SIM phonebook information. It is stored in a recess in the battery compartment.

The phone is unusable (except for emergency calls) until a valid SIM card is inserted. It is possible to transfer your SIM card to another compatible phone and access your network services. Your phone will display a warning message if the SIM card is not inserted properly.

- The SIM card contains personal data such as your electronic phonebook, messages, as well as 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 is inserted.
- If the phone or the SIM card is lost or stolen, you should contact your service provider immediately in order to prevent unauthorized use.

🗳 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

Before inserting a SIM card, make sure the power is switched off.

- 1 Press down the slit of the rear cover.
- 2 While pressing down the rear cover, slide the rear cover about 3 mm in the direction indicated by the arrow.
- 3 Remove the rear cover.
- 4 Press the slit of the battery in the direction shown by the arrow.
- 5 While pressing the battery, lift the battery in the direction shown by the arrow.
- 6 Press down the SIM card gently. With the metal part facing down, insert the straight end of the SIM card under the holder in the direction shown by the arrow.
- 7 Make sure that the SIM card is inserted in the holder.



Do not bend or scratch your SIM card.

- If the SIM card is not fully inserted when the battery is replaced, damage to the SIM card can occur.
- Be careful not to damage electric parts of the SIM card holder when inserting a SIM card.
- Do not apply extreme stress to the rear cover. Damage may occur to the rear cover, LCD, or keypads of the phone.

Removing a SIM card

- 1 Press the straight end of the SIM card gently in the direction shown by the arrow.
- 2 While pressing the SIM card, slide the SIM card in the direction shown by the arrow.
- 3 Remove the SIM card.



If the SIM card is already inserted, see "Powering on the phone" on page 21.

Preparing the battery

Using any battery pack or AC adapter not specified by NEC with this phone may be dangerous and may invalidate any warranty and approval given to the phone. Do not leave the charger connected to the power supply when it is not in use.

Charging the battery for the first time

Your phone is powered by a rechargeable battery. A new phone battery must be fully charged before using your phone for the first time.

- Before attempting to use your phone, insert the phone's battery. Place the battery metallic end towards phone's metallic part. Lower the battery towards the phone to lock into place and slide back the rear cover until you hear a click. Please see "Charging the battery" on page 20.
- · Connect the NEC battery charger supplied with your phone to a suitable main power socket.
- · Connect the charger plug into the connector.
- Check that the battery icon becomes animated on the LCD. Leave the phone charging until the battery charge complete icon to is displayed to ensure that the battery is fully charged.
- DO NOT connect a charger or any other external DC source if the phone's battery is not inserted.

Checking the battery

The battery charge indicator shows the approximate charge level of the battery while the phone is in use and not being charged.

· Check the icon at the top left corner of the screen.

The blocks on the display show the charge status of your battery pack.

Full battery power

Charger connector

Partial battery p	ower 🛄
Low battery por	wer
Very low batter	y power 📊
Battery empty	jie 🗍

Low battery indication

When the battery voltage falls below the working level, a message "Battery is low" will be displayed along with an empty battery icon on the top left corner of the screen. When displaying battery low notification, the phone also emit a short alert tone. Once these indicators are observed, the phone battery has approximately one minute of use remaining, after which, the phone powers off automatically.

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

Charging the battery

The charger unit begins to restore the battery power when it is connected to the phone.

- · Connect the charger plug to the connector as shown.
- · Check that the battery icon is displayed and the screen is lighted up.

During charging, the battery icon becomes animated on the LCD. Leave the phone charging until the battery charge complete icon **matrix** is displayed to ensure that the battery is fully charged.

- Do not connect/disconnect the charger plug forcibly. Damage to the charger connector can occur.
- When disconnecting the charger, hold the plug, not the cord.
- Do not try to charge the battery if the temperature is below 5°C(41F) or above 35°C(95F).
- It is 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.

Changing the battery

Make sure the phone is switched off. Some settings, stored numbers, and messages may be lost if the battery is removed while the power is on.

- 1 Press down the slit of the rear cover.
- 2 While pressing down the rear cover, slide the rear cover about 3 mm in the direction indicated as the arrow.
- 3 Remove the rear cover.
- 4 Put the new battery into place in the direction indicated by the arrow, making sure that the metallic part in the right direction and the tab of the battery fit properly into the notch in the phone.
- 5 Lower the battery towards the phone to lock into place.
- 6 Place the rear cover about 3 mm away from the end with the notches and slide the rear cover in the direction indicated by the arrows until a click is heard.





Powering on the phone

Switching the phone on

Press and hold switch on.

The screen is either blank, displays an animation, or displays a greetings message during the powering on process. After the powering on process, the phone displays the standby screen.

You may need to enter your PIN code or password.

In the greetings message may not be as indicated if any locks have been set or the wrong SIM has been inserted.

Switching the phone off

Press and hold a key for at least two seconds to switch off.

When you switch off and switch on your phone, the data in the phonebook list and messages folder will take some time to initialize before they can be properly displayed.

Basic Calls and Phone Use

You can make a call in the same way as a normal push-button phone. Press 🖂 key after entering the area code and phone number.

Making an emergency call

You may make an emergency call when your SIM card is not inserted in your phone. Simply power on your phone and dial the emergency number of your local region. For local emergency number, please contact your local authorities.

Dialing calls

- Use the full STD area code even if you are calling to a person in the same town.
 - Enter the phone number in the standby screen and check the number on the display.
 - Press relation key to dial the number.
 - To end the call at any time, press 🔽 key to return to the standby screen.

Description with the second se

During the call, the screen displays either the phone number dialed and a connection graphic, or the name and picture ID of the called party, if they have been previously allocated to the number dialed.

The number dialed and its related information will be stored in the Dialed calls list.

Each time a call is made after the Dialed calls list is full, the oldest call information will automatically be replaced by the latest call made and be placed at the top of the list.

Accessing the dialed calls list

Press relation key to access the Dialed calls list.

Highlight the number to be dialed by pressing the ▲ and ▼ navigation keys and press *r* key to start dialing.

Press Left Softkey to display the Options menu for the Dialed calls list. Select to either Extract number, Copy to... the phonebook, Delete the individual number or Delete all the numbers in the call list.

Accessing the other dialed lists

Press regime the standby screen and the
 and
 navigation keys to access Received calls and Missed calls.

Ending a call

- Press study to end a call and return to the standby screen.
- If you hold down strength key, your phone will be switched off.
- When you use a handsfree, you can also end a call by pressing or holding the button on it.

Using handsfree

Insert the handsfree to the charger/earphone jack at the side of the phone. When there is an incoming call:

- · Under Car mode with Auto answer mode setting on, the call will be connected automatically.

Receiving calls

When you receive a call:

- The phone rings (if ring tone is set to ON).
- . The number of the calling party may be displayed on the screen if the caller has activated calling line identification.
- The calling party's number along with the name and caller ID picture may be displayed if the caller's information is already stored in the phonebook.

If the caller has withheld his/her caller ID, the message "**Restricted**" is displayed to show that the number is being withheld. If the network service provider cannot identify the number, the message "**Unknown**" is displayed to show that number is not known.

When your phone is receiving MMS, the incoming call signal may be ignored. The caller may be notified that the line is currently unavailable.

If a call is received but not answered, the caller's information is stored in Missed calls.

- · Select Phonebook> Call options> Missed calls from the main menu to access the Missed calls list.
- □ Alternatively, press _ key from the standby screen to access the Dialed calls list and press > navigation key to display Missed calls.

Accepting a call

- Press relation key or Left Softkey.
- When you use a handsfree, you can accept a call by pressing or holding the button on it.
- You can set your phone to answer a call by pressing any key except structure is a call, the phone gives priority to receiving a call unless you have already pressed call key.

Rejecting a call

• Press s key or Right Softkey. The call will be transferred to the voice mail automatically.

You can also choose to put your calls on hold or to activate Call waiting or Call diversion. These options are dependent on your network and subscription plans with your local service provider.

If a call is received but not answered, the screen will display a telephone-shaped icon.

Information of received and answered calls are stored in Received calls.

Calling line identification is subscription dependent. If you have subscribed to the service and the caller has allowed his number to be
transmitted over the network, the number of the caller or the corresponding name will be displayed on the LCD screen.

Placing a call on hold

You can place a received or dialed call on hold by pressing Right Softkey. Press Right Softkey again to return to the call.

Making a second call

Dial the second call while on the first call. This will put the first call on hold.

- · To toggle between the first and second call, select Swap by pressing Right Softkey.
- To end one of the calls, press Left Softkey to display Menu, select End, highlight the call to end, and press Left Softkey.
- To end both calls, press Left Softkey to display Menu, select Hang up all and press Left Softkey or press a key.

Receiving a second call (subscription dependent)

You can answer a second call while already on the first call if you have subscribed to call waiting service. Your phone will emit a tone to alert you if there is a second incoming call.

- To accept the second call, press *context* key to put the first call on hold and answer the second call.
- To toggle between the first and second call, select Swap by pressing Right Softkey.
- To end the active call, press 📷 key.
- To end one of the calls, press Left Softkey to display Menu, select End, highlight the call to end, and press Left Softkey.
- To end both calls, press Left Softkey to display Menu, select End, select Hang up all and press Left Softkey, or press 😇 key.

Making multi-party calls (subscription dependent)

You may hold a conversation with up to two parties at the same time in a conference.

- · Make a call to the first party. When it is connected, proceed to dial the second call (second party). The first call is put on hold.
- When the second call is connected, press Left Softkey to display Menu then highlight Conference and press Left Softkey.
- The first and second party are now connected.
- To split the call, press Left Softkey to display Menu, then highlight Private call and press Left Softkey.
- · Highlight any number on the list and press Left Softkey and the call will be splitted.
- To end the multiparty call, press 📷 key.
- Multi-party call facilities are SIM card and network dependent.

Unsuccessful calls/Auto redial

With Auto redial activated, your phone will redial a number up to 10 times if the first attempt is not successful. For procedures to activate Auto redial, see "Auto redial" on page 38.

When a dialed number cannot be connected, a tone is heard and an alert message will be shown on the display. The phone returns to the standby screen and the number will be automatically dialed again after a short delay. The phone will try to redial the number up to 10 times. Failure to connect a call might be due to network problems or if the party you are calling is busy.

To end a redial attempt, press Right Softkey.

In redial the last number you have called, press reduced to the last number.

International dialling service

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. A + character is displayed.
- · Key in the location code, area code, and phone number that you wish to call.
- To select a location code, press Left Softkey to access the +List menu and select the desired location.

For example, the UK country code is always 44, no matter what country you are dialling from. A typical UK number of 0131 1234567 is entered as:

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

Scratchpad number

Your phone has a scratchpad function that enables you to key in a telephone number even during a call and to dial it after the current call ended. This scratchpad number can also be saved for future use.

Noting & calling a scratchpad number

- During a call, key in the number using the keypad. The number is displayed on the display screen.
- Press sill key to end the current call. The number that was keyed in is still displayed.
- Press *relation* key to dial the number.

Storing a scratchpad number

- With the scratchpad number still displayed, press Left Softkey to display the Options menu. Then select memory to where the phonebook entry will be saved.
- · Key in the necessary details and press Left Softkey to save the name entry.

For more information on the phonebook, refer to "Phonebook" on page 62.

Call features

Fast dial

Fast dials can be activated in the Abbreviated Dialing Numbers by entering a number between 1 to 255 (depending on your SIM card) and pressing #. The phone details that correspond to the record number will be displayed. Press in the phone details that correspond to the record number will be displayed.

Voice mail

Most service providers offer this external voice mail service to their subscribers. The voice mail function enables you to divert received calls to a voice mail centre where callers can leave voice messages in the voice mail under the following circumstances:

- if your phone is switched off or is not able to receive signals;
- if you did not answer the call;
- if you are currently on the phone and did not activate Call waiting.

You will be notified of a voice mail message by an icon in the standby screen. If voice mail service is not included in your service provider's package, you will have to subscribe to the service separately and configure the settings manually.

🚇 The voice mail service is SIM card and network dependent. Contact your service provider for details on your voice mail number.

To set the voice mail number

From the standby screen, press < navigation key until the Voice mail screen is displayed or from the main menu, select Phonebook > Lists, then press > navigation key until the Voice mail screen is displayed.

Highlight Number and press Left Softkey to edit the voice mail number. Press Left Softkey to confirm and return to the Voice mail screen.

To retrieve a voice mail

Use the **v** navigation key to highlight Voice mail and press Left Softkey to call the voice mail centre.

Alternatively, press and hold 1 in the standby screen to call your Voice mail directly.

To divert a received call to the voice mail centre

Make sure the correct voice mail number is set beforehand. When you receive a call you wish to divert, press key or *Right Softkey* to divert the call to the voice mail centre.

Volume control

To adjust the earpiece volume during a call, use the A/> navigation key to increase volume and the V/< navigation key to decrease volume.

Keylock/Auto key lock

To lock/unlock the key pad, press and hold the **#** key. To automatically lock the keypad, from the main menu, select Settings > Phone > Auto key lock. Press Left Softkey to activate the function and the phone locks the keypad when the standby screen is displayed for 30 seconds.

You can make an emergency call even if the keypads are locked. For details, see "Auto key lock" on page 31.

Screen Saver

The phone is designed with the screen saver function. When the standby screen is displayed for 35 seconds, the screen saver activates automatically.

If the keylock/auto key lock function is also activated, the screen saver activates 35 seconds after the activation of keylock.

Call Options

From the main menu, select Phonebook > Call options to access this function.

- If you miss a call, you can check it by pressing Right Softkey from the standby screen when there is a telephone-shaped icon displayed in the Softkey area.

Dialed calls

The Dialed calls screen will display the date and time of the last 15 calls made on your phone.

From the main menu, select Phonebook > Call options > Dialed calls.

· Press Right Softkey to return to Call options screen.

Call lists

There is a total of 3 call lists in your phone's memory:

- 1. Dialed calls
- 2. Missed calls
- 3. Received calls

From the main menu, select Phonebook > Call options.

Press 1 for Dialed calls, 2 for Missed calls and 3 for Received calls.

In the Dialed calls list, press Left Softkey to display the Options menu. Use the **A** and **V** navigation keys to highlight an option in the list and press Left Softkey on the following menus:

- Extract number to display the phone number. Press Left Softkey to store the number in the SIM/Phone phonebook.
- · Copy to... to store the number in the SIM/Phone phonebook.
- · Delete to delete the number.
- · Delete all to delete all the numbers in the list.

Charge Info

The Charge Info screen will display the duration and costs of the different types of calls made from your phone.

Charge info service is SIM card dependent.

From the main menu, select Phonebook > Call options > Charge Info.

Use the ▲ and ▼ navigation keys to highlight and press Left Softkey to view the time/charge information for the following: Last call, All voice calls, Total incoming, Total outgoing and Cost left. You can press Right Softkey to Reset the calls counter or Left Softkey to return to the Charge info screen.

Charge settings

The Charge settings feature enables you to set a limit in units so your phone cannot be used once the limit is reached.

Description: The charge settings service is SIM card and network dependent.

From the main menu, select Phonebook > Call options > Charge settings.

- · Select Currency to edit the unit price of each call. You will have to enter your PIN2 before changes can be made.
- · Select Cost/unit to set the cost per unit and per min. You will have to enter your PIN2 before changes can be made.
- · Select A/c limit to edit Display credit and Max cost. You will have to enter your PIN2 before changes can be made.
- Select Auto display to toggle On/Off the display of call duration and charges after each call is made. When this function is activated, a tick will appear in the check box.

Personalizing Settings

Voice volume

To adjust the volume during a call, use the A/> navigation key to increase volume and the V/< navigation key to decrease volume.

When you are not making any calls, use the following procedure:

From the main menu, select Settings > Phone > Voice volume to display the Volume screen with a volume slider.

- Use the ▲/▶ navigation key to increase, or use the ▼/< navigation key to decrease the volume to the required level.
- Press Left Softkey to save the current setting and return to Phone menu.
- Press Right Softkey to reject any volume changes and return to Phone menu.
- Press s key to reject any volume changes and return to the standby screen.
- Voice volume can also be adjusted by pressing the number key on the Volume screen.

Answer options

Your phone allows you to select one or more of the following two answer modes:

- · Any key answer
- Ring silencer

Any key answer

When this feature is enabled, you can answer an incoming call by pressing any key except 💿 key.

From the main menu, select Settings > Phone > Answer options.

- · Highlight Any key answer and press Left Softkey to toggle Any key answer On/Off. A tick will appear in the check box beside the option.
- · Press Right Softkey to accept changes and return to the Phone menu.

Ring silencer

When this feature is enabled, the phone is switched to silent mode.

- From the main menu, select Settings > Phone > Answer options.
- Highlight Ring silencer and press Left Softkey to toggle Ring silencer On/Off. A tick will appear in the check box beside the option.
- · Press Right Softkey to accept changes and return to the Phone menu.

Minute reminder

You can access this function to set the reminder that tells you how long you are talking on the phone by minute.

From the main menu, select Settings > Phone > Minute reminder.

Use the ◀ and ► navigation keys or press the *Right Softkey* to toggle the reminder On/Off. Use the ▼ navigation key to move down to the next field to set a Timer for the reminder. Press *Left Softkey* to save and return to the Phone menu.

Auto key lock

You can lock your keypad keys by activating Auto key lock; that way, you may prevent your keypad from being accidentally pressed.

From the main menu, select Settings > Phone > Auto key lock to toggle on/off the feature by pressing Left Softkey. A tick in the check box indicates that the function has been activated. If your key pad is not used for 30 seconds, the phone automatically locks the key pad.

- You can unlock the keys by pressing and holding # from the standby screen.
- You can make an emergency call even if the keypads are locked.

ALS setup

If your SIM card supports Alternate Line Service (ALS), you can set which line to use for your phone:

From the main menu, select Settings > Phone > ALS setup.

- Use the ▲ and ▼ navigation keys to highlight the desired line option.
- Press Left Softkey to turn on the radio button for the highlighted option and return to the Phone menu.
- ALS setup function is SIM card and network related and may only be available from your service provider.
- You can switch the ALS line 1/2 by pressing and holding * from the standby screen.

Time/date

You can access this function to set the time/date displayed in your phone and hence enable other related functions. For example, the alarm function. Use the following procedure to set the time and date:

Set timezone

- From the main menu, select Settings > Phone > Time/date > Set timezone.
- Press
 A and
 vavigation keys to move along the world map to select the city/time zone closest to you. Press Left Softkey to confirm the time zone selection.
- The phone will prompt you as to whether Daylight saving is required. Press Left Softkey if it is required or press Right Softkey if it is not.
- Subsequently, your phone will prompt you whether to set the selected city as your local city, press Left Softkey to confirm or press Right Softkey to reject. The phone returns to the Time / date menu display.

Set date/time

From the main menu, select Settings > Phone > Time/date > Set date/time.

· Press the Left Softkey to start editing the date using the text editor.

- Use the ▼ navigation key to highlight the Time field, press Left Softkey and edit the time.
- · After editing, press the Left Softkey to save all changes made. The phone returns to the Time / date menu screen.

Set time format

From the main menu, select Settings > Phone > Time/date > Set time format.

Use the ▲ and ▼ navigation keys to highlight 12 Hour/24 Hour format. Press Left Softkey to confirm the selection and turn on the radio button. The phone returns to the Time / date menu screen.

Set date format

From the main menu, select Settings > Phone > Time/date > Set date format.

- Use ▲ and ▼ navigation keys to highlight either DD/MM/YYYY, DD.MM.YYYY, MM/DD/YYYY, MM.DD.YYYY, YYYY/MM/DD or YYYY.MM.DD format.
- · Press Left Softkey to confirm the selection and turn on the radio button. The phone returns to the Time/date menu screen.

Language

If the display is showing any language other than your own, use the following procedure:

- From the main menu, select Settings > Phone > Language.
- Use the ▲ and ▼ navigation keys to select the required language and press Left Softkey to confirm the selection and turn on the radio button. The phone returns to Phone menu screen.
- When you have changed the display language, please wait until the new setting becomes effective.
- If you select Automatic, the language specified in your SIM card or the default language is automatically selected.

Phone modes

You can set your phone to operate in any one of four modes in the Phone modes menu:

- Normal mode
- · Meeting mode
- Pocket mode
- Car mode

🚇 If the selected mode is Car mode, the backlight will always be turned on. This will accelerate the battery consumption.

Phone mode selection

From the main menu, select Settings > Phone modes. Use the ▲ and ▼ navigation keys to highlight a phone mode in the list. Press the Left Softkey to display the Options menu. You can choose to either Activate the phone mode or to Change settings by pressing the Left Softkey when your selection is highlighted.

□ Alternatively, press ▲ navigation key to display the Phone modes menu from the standby screen.

Phone mode settings

When a phone mode is selected, some of your phones settings will be altered according to the selected phone mode. The phone functions that can be altered include:

- · Ringer setting (On/Off)
- Ringer (for Any call/Phonebook call/Alarm/Messages/Friends/Colleagues/Family/Biz partner/VIP)
- Ringer volume (for Any call/Phonebook call/Alarm/Messages/Friends/Colleagues/Family/Biz partner/VIP)
- Key tone (On/Off)
- · Info tones (On/Off for Warning tone/Cell broadcast/Message sent)
- Vibrator (On/Off)
- Earphone (Earphone&Speaker/Earphone)
- Illumination (Off/LCD only/Key & LCD)
- · Auto answer (On/Off, only available for the Car mode)
- 🛄 Any changes made to the Ringer setting options in a phone mode are stored and used when that mode is selected again.
- Use the A and V navigation keys to move the highlight bar to the previous or next item in a list.
- To toggle an option On/Off: On (a tick is displayed in the check box beside the option) or Off (the check box beside the option is empty).

Changing phone mode settings

To change the settings of a particular phone mode, use the following procedure.

With the standby screen displayed, press A navigation key or select Settings >Phone modes from the main menu.

Use the ▲ and ▼ navigation keys to highlight the phone mode you wish to change from the following:

- Normal mode;
- · Meeting mode;
- Pocket mode;
- Car mode.

Press Left Softkey to display the Options menu. Use the A and V navigation keys to highlight either Activate to activate the phone mode or Change settings to change the phone mode's settings, then press Left Softkey. When you select Change settings, you can make the following changes:

Ringer setting

To change the ringer setting, highlight Ringer setting and press *Left Softkey* to toggle Ringer setting between On (a tick appears in the check box) and Off (the tick disappears).

Ringer

To change the ring tone or melody, select Ringer to display the Ringer menu screen.

- Highlight the type of calls to change from the menu: Any call/Phonebook call/Alarm/Messages/Friends/Colleagues/Family/Biz partner/ VIP.
- · Press Left Softkey to access the Sounds folder.
- · Highlight the desired ringtone and press Left Softkey to select and return to the Ringer menu screen.

Ringer volume

To change the ring volume settings, select Ringer volume to display the Ringer volume screen.

- Highlight the type of calls to change and press Left Softkey to select: Any call/Phonebook call/Alarm/Messages/Friends/Colleagues/ Family/Biz partner/VIP.
- The volume screen showing the level of ring volume is displayed. Use the **A** navigation key to increase or **V** navigation key to decrease the volume setting to the level required (the level bar moves in the direction corresponding to the key pressed).
- Press Left Softkey to save the current ring volume setting or Right Softkey to reject any ring volume changes.
- The phone returns to the Ringer volume screen.

Key tone

To change the settings, highlight Key tone and press Left Softkey to toggle between On (a tick appears in the check box) and Off (the tick disappears).

Info tones

To change the Info tones settings, select Info tones to display the Info tones screen.

- Use the ▲ and ▼ navigation keys to highlight the type of Info tones you wish to change: Warning tone / Cell broadcast / Message sent.
- Press Left Softkey to toggle between On (a tick appears in the check box) and Off (the tick disappears).
- · Press Right Softkey to accept the changes and return to the previous Profiles menu.

Vibrator

To change the settings, highlight Vibrator and press Left Softkey to toggle between On (a tick appears in the check box) and Off (the tick disappears).

Earphone

To change the settings, select Earphone and press Left Softkey to set either Earphone & Speaker or Earphone only.

Illumination

To change the illumination settings, select Illumination to display the Illumination screen with radio button selections: Off, illuminate LCD only or illuminate Key & LCD.

• Use the 🔺 and 🔻 navigation keys to highlight your desired setting and press the Left Softkey to confirm and turn on the radio button.

With the illumination always on, the battery consumption will be accelerated.

Auto answer

Auto answer option is only available for Car mode. The Auto answer feature allows a received call to be connected automatically if you are
using your phone as a car phone or with a hands-free kit. To change the Auto answer settings:

- · Highlight Auto answer and press Left Softkey to toggle between On (a tick appears in the check box) and Off (the tick disappears).
- Auto answer only works if your phone is working with a handsfree kit or a headset.

Power on greetings/animations

Two types of greeting/animation screens can be displayed when the phone is power-on:

- No greeting (standard powering on screen display animation).
- Text greeting (standard powering on screen with text greeting).

The type of greeting to display can be selected as follows:

- From the main menu, select Settings > Display.
- · Highlight Greetings and press Left Softkey to set the power-on text greeting on. The text editor screen is displayed. Edit the text greeting.
- Press 🔘 to save the greeting and return to Display menu. To cancel the change, press 🛅 key to return to Display menu screen.
- To switch the text greeting function off, highlight Greetings and press Left Softkey from the Display menu screen. The text editor screen is displayed. Long press Right Softkey to clear the text and press is to save. A tick in the check box beside the option disappears.
- For more information on "Text entry", please refer to page 43.

Wallpaper

You can select an image file from Photos/Pictures folders to be displayed as a background to the standby screen.

To select the wallpaper and its style, use the following procedure:

- From the main menu, select Settings > Display > Wallpaper.
- Use the ▲ and ▼ navigation keys to highlight either Set wallpaper or Style. Press Left Softkey to enter each option.
- In the Set wallpaper display screen, select Photos/Pictures to display the folder for the selection of the desired wallpaper or select Off to set the background display off (a blank screen will be displayed at standby mode).
- With the Photos/Pictures folder displayed, highlight your desired wallpaper from the list. Press Left Softkey to confirm the selection. Press key to return to the standby screen. The selected wallpaper is displayed.
- In the Style display screen, select Fit to screen/Tile/Best fit/Center to confirm the selection of wallpaper display style. The radio button for the selected style is turned on.

Colour style

You can select from the different colour styles available in your phone:

- From the main menu, select Settings > Display > Colour style.
- Use the ▲ or ▼ navigation keys to highlight a colour style and press Left Softkey to confirm the selection.

• The LCD menu screen will be displayed in the selected colour style.

Animation

You can select one of the two animations available in your phone:

- From the main menu, select Settings > Display > Animation.
- Use the ▲ or ▼ navigation keys to highlight either Animation 1 or Animation 2. Press Left Softkey to confirm the selection and turn on the radio button.

Brightness

To alter the brightness of your phone's display screen, use the following procedure:

- From the main menu, select Settings > Display > Brightness.
- Use the ▲ and ▼ navigation keys to highlight the desired brightness level for your phone: Low/Medium/High/ Max.
- · Press Left Softkey to confirm the selection and turn on the radio button.

Contrast

To alter the contrast of your phone's display screen, use the following procedure:

- · From the main menu, select Settings > Display > Contrast.
- Use the ►/▲ navigation key to increase the contrast level or the <//
 v navigation key to decrease the contrast level until the screen reaches a suitable contrast level.
- Press Left Softkey to save any contrast changes, or press Right Softkey to reject any contrast changes.

Calls

The Calls screen allows you to activate Call diversion, Call waiting, Auto redial, and Withhold ID. From the main menu, select Settings > Calls.

Call diversion

You may preset your phone to divert incoming calls to a specified phone number for the following conditions:

- Divert for all calls (All incoming calls to your phone will be diverted to the number you have specified)
- · Not reachable (Calls will be diverted if your phone is switched off or is out of range for signals to reach)
- No reply (An incoming call will be diverted if the phone is not answered after the time period determined by the network. The period can be set to a maximum of 30 seconds in 5-second intervals)
- · Busy (Call divert will be activated if you are in the middle of a call. If call waiting is activated, a call waiting tone can be heard during the call)

- · Receiving fax (Divert all fax calls to a number with a fax connection)
- · Receiving data (Divert all data calls to a phone number with a PC connection)
- The divert status and details that you have selected will be stored in the network and not in your phone. (e.g., the divert status will remain even when the SIM card is changed).

Setting up call divert and editing the number

- From the main menu, select Settings > Calls > Call diversion.
- Use the ▲ and ▼ navigation keys to highlight the desired condition to divert your incoming calls.
- · Press Left Softkey to display the Options menu.
- · Highlight Set and press Left Softkey to display the edit screen.
- Enter or make necessary amendments to the phone number in which the calls will be diverted to, or press Left Softkey to choose a number from the phonebook.
- · Press Left Softkey to confirm the entered number. After a short pause, the network will confirm your setting.
- Determine the service of the service
- Determine the setting of the setting

Check call divert status for a condition or to disable call divert

- From the main menu, select Settings > Calls > Call diversion.
- Use the ▲ and ▼ navigation keys to highlight the condition that you need to check.
- · Press Left Softkey to display the Options menu.
- · Highlight Check status and press Left Softkey for the network to transmit and display the status of the selected condition.
- · To disable call divert for the selected condition, highlight Clear from the Options menu and press Left Softkey to confirm.
- Description: There will be a short delay while the network sends the divert status of your phone.

Status check and cancellation of all call diverts

Status check allows you to check the current divert status for all the different conditions.

 From the main menu, select Settings > Calls > Call diversion > Status check. After a short pause, the network transmits and displays all the call divert status previously set.

Cancel all call diverts allows you to clear all call diverts that has been set previously.

- From the main menu, select Settings > Calls > Call diversion > Cancel all. Press Left Softkey to confirm or Right Softkey to reject the
 cancellation.
- Only the call types supported by the Network are displayed on the current status screen.

Call waiting

Call waiting allows you to answer an incoming call during another call. A call waiting tone can be heard during the call to alert the user of another incoming call.

Setting call waiting On/Off

- · From the main menu, select Settings > Calls > Call waiting.
- · Select Active to set call waiting on.
- · Select Cancel to set the call waiting off.

The setting is saved and a confirmation message from the network will be displayed.

Checking status of call waiting

- · From the main menu, select Settings > Calls > Call waiting.
- · Select Status from the menu. A message from the network will be displayed to indicate whether call waiting is activated or cleared.

Auto redial

The Auto redial option allows your phone to redial an unsuccessful call up to 10 times. To set the auto redial on or off, use the following procedure:

- From the main menu, select Settings > Calls.
- Highlight Auto redial and press the Left Softkey to toggle automatic redial On/Off. A tick in the check box beside the option indicates the activation of Auto redial.

Withhold ID

The feature allows you to withhold your ID when making a call to others.

- From the main menu, select Settings > Calls > Withhold ID.
- · Press Left Softkey to withhold for all calls and Right Softkey to cancel.

Security

The security settings protects your phone from improper and unauthorized use.

Description: These confidential numbers should be kept in a safe place for future access, if required.

You may be required to enter one of the following security codes as shown below. When the phone prompts you for one of these codes, use the keypad to enter the appropriate number and press Left Softkey to confirm.

- PIN code (provided by your network to protect your SIM card if it is stolen)
- PIN2 code (provided by your network for charge information and FDN services protection)
- PUK/PUK2 code (respective personal unblocking code in case you forget the PIN/PUK code)
- Phone code (default setting is "0000")

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

- 💷 If the PIN2 code is entered incorrectly 3 times, you will need to contact your service provider for a PUK2 code.
- Description: The PIN codes and security codes are between 4 to 8 digits.
- L If the phone code is entered incorrectly 10 times (not necessarily in the same session), the phone code will be locked. In order to unlock the code, you will need to contact your service provider.

Change PINs

The PIN will be requested most of the times when the phone is switched on. This feature can be deactivated, at the risk of unauthorized usage of your phone. Some service providers do not permit the deactivation of this control.

You can set up your phone to require your PIN code entered when the phone is switched on before the phone can be used and receive any incoming calls. If you entered your PIN code incorrectly for more than three times (not necessarily in the same session), you will have to contact your service provider for a PUK code to unblock your SIM card.

Your phone supports advanced features (e.g. FDN) that may require a PIN2 code to be entered before they can be accessed or modified.

To activate PIN

• From the main menu, select Settings > Security. Highlight PIN activate and press Left Softkey to toggle PIN activate Enable/Disable. You will have to key in a PIN code for activation. A tick in the check box beside the option indicates that PIN activate has been activated.

PIN/PIN2/Phone code change

- From the main menu, select Settings > Security > Code.
- Select either Change PIN/Change PIN2/Chg. phone code.
- Key in the current code. You will be prompted to enter the new code when the correct current code is entered. Enter the new code again and press Left Softkey to confirm the new code.
- A confirmation screen is displayed momentarily and the phone returns to Code display menu.

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

Phone lock

The Phone lock menu allows you to lock your SIM card from unauthorized usage. If Phone lock is On, SIM data can be accessed only when the correct PIN code is entered. To enable/disable Phone lock, proceed as follows:

- · From the main menu, select Settings > Security.
- Highlight Phone lock and press Left Softkey to toggle Phone lock On/Off. A tick in the check box beside the option indicates that Phone lock has been activated. You will have to key in a Phone code to activate Phone lock.
- Intersection of the Phone code is "0000".

Bar calls

This feature allows you to restrict the following type of calls made or received on your phone. You will need a 4-digit password provided by your service provider to activate barring. You may have to register separately for each type of barring.

- · All outgoing (All outgoing calls, except emergency numbers 112 and 999 will be barred)
- Outgoing international (International outgoing Only calls within the home country can be made on the phone)
- Outgoing international except home (International outgoing without home country International calls not permitted. However calls can still be made to your home country when you're abroad)
- All incoming (All incoming calls will be barred, including the forwarding of the calls to the voice mail)

- When roaming (You will not be able to receive calls when you are outside your home network. This means that no charges will be incurred for incoming calls)
- Roaming allows you to use your phone in many parts of the world and to pay all charges through your home network Service Provider. Your network operator usually has agreements with named networks in other countries. The phone also allows you to set network preferences of your own. When dialing you will need to add the international access codes when required, so storing all numbers with the codes (such as 01 for the US) is helpful.
- **Call your service provider to activate international service options.**
- Before leaving your home country you should select preferences such as call block or call transfer.
- Provide the second seco

To place restrictions on certain type of calls:

From the main menu, select Settings > Security > Bar calls. Use the **A** and **V** navigation keys to highlight the type of calls you want to restrict and press Left Softkey to display the Options menu.

- · Select Set to activate. You will be prompted to enter the bar password.
- · Select Clear to disable ring for the selected type of calls. You will be prompted to enter the bar password.
- · Select Check status for the network to transmit and display the ring status of the selected type of calls.

Change password

To change the password for barring, select Settings > Security > Bar calls > Change password from the main menu. Enter the call barring password. You will then be prompted to enter a new password twice. Press Left Softkey to confirm the password.

Status check

To check the status of calls barring for all the different types of calls, select Settings > Security > Bar calls > Status check from the main menu. After a short pause, the network transmits and displays all the ring status previously set.

Cancel all

To cancel all barrings previously set, select Settings > Security > Bar calls > Cancel all from the main menu. The password provided by your service provider will be needed for this function. Press Left Softkey to confirm or Right Softkey to reject the cancellation.

Fixed dialing

This function allows you to restrict the use of dialed number to FDN only. To change the settings for Fixed dialing:

- · From the main menu, select Settings > Security.
- Highlight Fixed dialing and press Left Softkey to toggle Fixed dialing On/Off. You will have to key in the PIN2 code to display a message to
 activate/deactivate Fixed dialing. A tick in the check box beside the option indicates that Fixed dialing has been activated.
- Description: The FDN facility is network dependent.

Network

Network info

- · From the main menu, select Settings > Network > Network info.
- Use the ▲ and ▼ navigation keys to highlight the network you want to connect to and press Left Softkey to select. The screen will return to standby mode after a confirmation message is displayed.

Choose network

• From the main menu, select Settings > Network > Choose network. Press Left Softkey to confirm. This will restart the network search that will be very useful if you are not on your home network or you need to register on a different network.

Set automatic or manual network selection

- From the main menu, select Settings > Network.
- Highlight Auto network and press Left Softkey to toggle the automatic network search On/Off. A tick in the check box beside the option indicates the activation of Auto network.
- Before you manually select a network, ensure it is covered under the agreement you have with your service provider.

View/Edit/Delete network list

When "Automatic network" is activated, the network will be selected according to the ranking order in your Pref. network. You can manually select a separate network from the list of the GSM networks available.

- From the main menu, select Settings > Network > Pref. network to display the Pref. network screen with Home Network information.
- Press Left Softkey to display the list of networks you have added to your list. To edit this list, press Left Softkey and select Insert or Add to
 end with Left Softkey to display the Net operator screen, listing the major net operators.
- Use ▲ and ▼ navigation keys to highlight the net operator you wish to add to your list and press Left Softkey to confirm adding it to your list. The phone returns to the Network menu screen.
- To delete a network from the list, select Settings > Network > Pref. network. Press Left Softkey, highlight the network you wish to delete and
 press Left Softkey again to display the Options menu. Select Delete to confirm the deletion.

Before editing your pref. network, please contact and consult with your service provider.

Band

- From the main menu, select Settings > Network > Band. Use ▲ and ▼ navigation keys to highlight the required band and press Left Softkey to select and turn on the radio button. The phone returns to the Network screen.
- The available bands are 900MHz; 1800MHz; 1900MHz; 900/1800MHz; 900/1900MHz
- Frequency bands must be adjusted to suit the location when roaming (Europe, U.S., etc.), for the phone to work properly.

GPRS info

GPRS info displays details about the size and time of the data that has been transferred to your phone via GRPS frequency.

 From the main menu, select Settings > Network > GPRS info. From the GPRS info screen, press Left Softkey to reset the parameter or Right Softkey to go back to Network screen.

Transfer rate

Select an appropriate data transfer rate for your phone.

 From the main menu, select Settings > Network > Transfer rate. Press Left Softkey to select from 115.2Kb/s, 57.6Kb/s, 38.4Kb/s, and 19.2Kb/s or press Right Softkey to return to Network screen.

T9 input

Please refer to "T9 language" on page 44 for details.

Reset settings

To revert your phone to its default factory settings, select Settings > Reset settings from the main menu and press Left Softkey. Press Left Softkey again confirm resetting or press Right Softkey to abort resetting and return to Settings menu. You will be prompted to enter your phonecode.

Reverting to the default factory settings will NOT reset data in My data, Message and the Phonebook menu.

If you have set the security code on your phone, you will be prompted to enter the security code in order to restore to factory settings.

Text Entry

This section describes how you can enter text (letters, numbers and symbols). The same method of text entry can be used in all of the phone's editing display.

Mode change

In the text entry screen, pressing *key can change the text entry mode in the normal text input or when T9[®] is activated. Pressing and holding the # key will toggle T9[®] input On/Off. The sequence of the entry mode is as follows:

Normal Text Input	T9 Input Activated
abc (All lower case)	T9 abc (T9 [®] English)
Abc (Sentence case)	T9 Abc (T9® English)
ABC (All upper case)	T9 ABC (T9 [®] English)
Numeric Input (123)	Numeric Input (123)

Text edit screen option menu

Press Left Softkey in Edit mode when typing or editing text to display the Options menu. These options are available:

Inserting object

Highlight Insert object and press Left Softkey to display the following options:

- Highlight Predefined sounds and press Left Softkey to select built-in sound clips to be inserted into your message. Use A and V navigation keys to select the desired sound clip to be inserted and press Left Softkey to confirm.
- Highlight Predefined animations and press Left Softkey to select the animation icons to be inserted into your message. Use
 A and
 ravigation keys to select the desired animation icon to be inserted and press Left Softkey to confirm.
- Highlight Own animations/Own pictures/Own sounds to select animations, tones, or pictures stored in the phone to be inserted into your message. Use ▲ and ▼ navigation keys to select the desired attachment and press Left Softkey to confirm.

Format

Highlight Format and press Left Softkey to display the following options:

- Highlight Text format and press Left Softkey to choose the following text formats for your message: Underline/Strikethrough/Italics/Bold or choose the desired Font (Mid font/Large font) for your text. Highlight your selection and press Left Softkey to confirm. A tick appears in the corresponding check box beside the option. Continue with your selection and press the Right Softkey to save the format settings and return to the previous Options menu.
- Highlight Text color and press Left Softkey. Use A and V navigation keys to edit the Text color and Background color of your text

message. In each highlighted field, use < and > navigation keys to choose the desired colour for your message. Press Left Softkey to save and return to the Edit screen.

· Text formats like Italics and Bold cannot be applied simultaneously to your messages.

Predefined text

You may add a predefined text into your message editing screen. Highlihgt Predefined text and use A and V navigation keys to scroll through a list of texts and press *Left Softkey* to open the Options menu: either Select or View the text. Once you choose either option, the phone returns to the edit screen.

Insert number

You may attach a phone number to the message that you are editing and send it. Highlight Insert number and use

Mark/Unmark text

You may copy text and paste it. Highlight Mark text and press Left Softkey. Use A / V / A / P navigation keys to mark text. Press Left Softkey to copy the marked text.

Paste

You may paste the text copied by Mark text. Highlight Paste and press Left Softkey to paste the copied text.

T9 language

T9 preferred

To select whether to activate T9 input, use the following procedure:

- From the main menu, select Settings > T9 input. Highlight T9 preferred and press Left Softkey to toggle T9® preferred On/Off. A tick in the check box indicates that T9 input has been activated.
- Alternatively, you can press and hold the # key in the text entry screen to toggle T9® input On/Off.

T9 English text input

Your phone supports T9® Text Input and will try to deduce the correct word by individually comparing the entered letters with an extensive in-built dictionary, enabling fast and intuitive text input.

For each letter to be keyed in, you will only need to press the number key corresponding to the alphabet once. The screen will display the word you may require based on the in-built English dictionary of the mobile phone. An example of it shown as follows:

- With the text entry screen displayed, press *key to switch to desired T9® English input case(T9 abc/T9 Abc/T9 ABC) before entering the word/ sentence.
- To enter the word "good", press 4, 6, 6 and 3 then press 0 to complete the word with a spacing after the word.
- To enter "Peter is good", press 7, 3, 8, 3 and 7 to display 'Peter', then press 0 to confirm.

- Press 4 and 7 to display 'is', then press 0 to confirm.
- Press 4, 6, 6 and 3 to display "good", then press 0 to confirm. The sentence is now completed.

Other key functions

- 0: To insert a space and/or complete the word.
- Left Softkey: To display other words with the same combination of letters (e.g. words like home, gone and etc. can be formed by pressing the number keys 4, 6, 6, 3 and Left Softkey).
- · Right Softkey: To delete the letter to the left of the cursor
- < / > navigation key: To move the cursor around and each of the words keyed will be highlighted.
- *key: To toggle the different modes of text entry.
- # key: To activate the symbol list; Press and hold to toggle T9® input On/Off.

Normal text input (ABC)

- With the text entry screen displayed, press *key until the entry mode is Normal text (ABC) input.
- Use number keys to enter letters. For example, to enter e, press 3 twice; to enter f, press 3 three times.

Other key functions

- 0: To insert a space.
- Right Softkey: To delete the letter to the left of the cursor.
- < / > navigation key: To move the cursor around.
- *key: To toggle the different modes of text entry.
- # key: Press to activate the symbol list; Press and hold to toggle T9® input On/Off.

Numeric input

With the text entry screen is displayed, press *key until the entry mode is Numeric input (123).

Messages

From the main menu, select Messages. Using this function, you can send and receive text messages with attached sound, image files, etc.

Alternatively, you can press > navigation key to access the Messages menu directly from the standby screen.

The following folders in the Messages menu have the following functions:

- Inbox: The received messages are saved. (To enter, select Inbox from Messages menu screen.)
- Draft: The edited messages are saved.(To enter, select Draft from Messages menu screen)
- Outbox: The sent messages are saved and specified. (To enter, select Outbox from Messages menu screen.)
- 🗈 When the storage memory is full, you cannot create a new message. Please delete unnecessary messages from time to time.

Messages overview

Your phone supports the following messaging services:

 SMS (Short Messaging Service) allows you to send short messages (maximum of 160 characters). To send an SMS message, the destination phone number must be a mobile phone with an SMS service subscription. Long text messages (up to 1520 characters) can be transmitted and received via your phone. When long SMS messages are sent or received by the phone, they are automatically broken down into a series of short SMS messages. Take note of the higher charges for these long messages sent). Animations, pictures and sounds can also be included inside the SMS.



EMS (Enhanced Messaging Service) is similar to SMS and allows you to send to another EMS capable
mobile phone. In your EMS message, you can include formatted text, small graphics, animations and musical
sounds. If the destination phone is only capable of SMS, only the text part of the message will be received.

Description: The Short Messaging Service and linking of SMS messages are network dependent.

Messages list screen options menu

The following options will be displayed when *Left Softkey* is pressed in the message list (Inbox/Draft/Outbox) screen:

- · View Display the message contents.
- Reply via SMS Display the SMS Edit screen to type a message to reply to the sender and select Options menu: New SMS, Edit, Answer is Yes and Answer is no.(available for Inbox only)
- Forward Display the Edit screen for the forwarding of the message. (available for Inbox only)
- · Detail Display the date, time and sender's information.(available for Inbox/View mode only)
- Edit Display the message in the Edit screen for editing. (available for Draft/Outbox only)
- · Delete Delete the highlighted message
- · Delete all Delete all the messages in the current folder.

This number indicates the size of the message equivalent to the number of SMS messages (maximum of 10).

• Extract number - Display the phone number of the message.

To select an option, highlight the option and press Left Softkey.

Depending on the type of message you are viewing, the available Options menu may change.

SMS edit screen options menu

When creating an SMS in the Edit screen, press Left Softkey to access the following options:

- · Send Send the edited SMS and subsequently save it in Outbox.
- · Save Save the edited SMS in Draft.
- Insert object Insert pictures, sound or animations into the edited SMS.
- Format Change the format of the fonts.
- Predefined text Insert a pre-defined user message into the edited SMS.
- Insert number Insert a phone number from the Complete Phonebook.
- Mark/Unmark text Highlight the text to copy or cancel the marked mode.
- Paste Paste the text copied by Marked text.

To select an option, highlight the option and press Left Softkey.

To read a message

Select Messages from the main menu or press > navigation key directly from the standby screen.

- Press Left Softkey to display the message list of the highlighted mailbox (Inbox/Draft/Outbox).
- · Highlight the message to be read and press Left Softkey. Select View from the Options menu. The message contents will be displayed.
- Please review message only after the whole series of SMS has been received by your phone. When the phone has not finished receiving the long message, there will be a popup notification that the message is incomplete and it cannot be viewed.
- If you receive a message at the same time the alarm is due to ring, you will not see any popup notification that a new message is received; as alarm clock is a higher priority event. Likewise, no notification will occur when the message is received during a call or when there is an incoming call. The phone will emit a beep tone only if the call is put on hold.

Creating and sending a message

The following describes the operations related to creating and sending a message.

To create and send a new SMS message

Select Messages from the main menu or press > navigation key directly from the standby screen.

- Select Create to display Edit screen.
- Input your message.
- When done, press Left Softkey to display the Options menu. Highlight Send and press Left Softkey. Input the recipient's number using the text
 editor.

- To send the SMS to a number in the phonebook list, press Left Softkey and highlight Phonebook from the Options menu, then press Left Softkey again and choose accordingly.
- · Press Left Softkey to insert a number from the phonebook list.
- To send, press Left Softkey to display the Options menu, then press Left Softkey again to send. After sending, the SMS will be saved in the Outbox.
- Definition on 'Inserting object' and 'Format', please refer to page 43 and 44.
- The maximum number of characters is defined as the number of single byte characters (alphanumeric characters, etc.) allowed in a field/item. If a double byte character such as a special symbol is used, the number of characters allowed will vary accordingly.
- You can send SMS messages to a group of not exceeding 10 recipients. The complete phonebook will be displayed.
- Der inputting multiple addresses, insert ';' (semicolon) between addresses.

To reply SMS to a received message

Select Messages from the main menu or press > navigation key directly from the standby screen.

- Select Inbox from the Messages menu screen. Highlight the message to reply to, press Left Softkey for the Options menu. Select Reply via SMS and select options: New SMS, Edit, Answer is Yes and Answer is no.
- · The Edit screen will be displayed with the text editor.
- Input the message and press Left Softkey for the Options menu. Highlight Send and press Left Softkey to send the SMS reply. The message
 is sent and saved in Outbox.

To forward a received message

Select Messages from the main menu or press > navigation key directly from the standby screen.

- Select Inbox from the Messages menu screen. Highlight the message to forward and press Left Softkey for the Options menu. Highlight Forward and press Left Softkey.
- Press Left Softkey again for the Options menu. Highlight Send and press Left Softkey to forward SMS.

Useful Tips For SMS and EMS

The useful tips for writing and sending a message are shown below:

Saving an unfinished and unsent message:

In the message Edit screen, press Left Softkey, select Save to save the message in Draft.

Editing and sending a message saved in Draft:

To display the Draft message list screen, highlight the saved message.

Press Left Softkey, select Edit. After editing the message, press Left Softkey to display the Options menu. Select Send to send the message.

Predefined text

• From the main menu, select Messages > Predefined text. The list of predefined text for you to add into your messages will be displayed.

- · Highlight the desired message and press Left Softkey to either Select or View.
- Highlight Select and press Left Softkey to display the message editing display. After changes are made, press Left Softkey to either Send
 and save or just Save the message.
- Once you edit the predefined texts, you cannot return them to the default setting even by the reset setting function.

Message settings

From the main menu, select Messages > Settings.

The following describes the setting items for SMS/EMS settings and Cell broadcast settings:

Service centre

- Use the A and V navigation keys to highlight Service centre and press Left Softkey to edit the SMS Message centre number.
- · Press Left Softkey to save any changes made to the number. This number is saved in the SIM card.

Message type

- Use the ▲ and ▼ navigation keys to highlight Message type and press Left Softkey to display the Message type screen.
- Description: The Message type settings are network dependent.
 - Use the ▲ and ▼ navigation keys to highlight the different options and press Left Softkey to select: Standard text/Fax/ X.400/Paging/E-mail/ERMES/Voice mail. The corresponding radio button beside the option will be turned on.

Validity period

Select the duration that the SMS/EMS message will be stored in the SMS/EMS centre while trying to deliver the message.

- Use the ▲ and ▼ navigation keys to highlight Validity period and press Left Softkey.
- Highlight 1 hour/12 hours/1 day/1 week/Maximum. Press Left Softkey to select and turn on the radio button of the highlighted option. The
 phone returns to the Settings menu screen.

Status report

Select this option to request for a receipt when the SMS message is sent successfully.

- Use the ▲ and ▼ navigation keys to highlight Status report and press Left Softkey to toggle it On/Off. A tick in the check box indicates that Status report is activated.
- Description: The status report facility is network dependent.

Direct reply

• Use the ▲ and ▼ navigation keys to highlight Direct reply and press Left Softkey to toggle it On/Off. A tick in the check box indicates that Direct reply is activated.

SMS via GPRS

• Use the ▲ and ▼ navigation keys to highlight SMS via GPRS and press Left Softkey to toggle it On/Off. A tick in the check box indicates that this function is activated.

Memory status

The available memory and the used-up memory will be displayed.

- With the standby screen displayed, press > navigation key or select Messages from the main menu.
- Select Memory status to display the SMS memory status of the phone and the SIM memory status.

Cell broadcast

From the main menu, select Messages > Cell broadcast.

When cell broadcast service is activated, the phone operating time will be reduced.

Message list

Select Message list to display the list of received cell broadcast messages.

Broadcast

Highlight Broadcast and press Left Softkey to toggle the receiving of the cell broadcast messages On/Off. A tick in the check box indicates that the receiving of cell broadcast messages is activated.

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

Topic list

A number of topics can be added to this personal list. You can enter four entries using the channel number (ID) and if required, the name itself.

- To add a new topic, select Topic list > User defined > <Add new> to display the Enter msg ID: screen. Enter the ID and press Left Softkey.
 Enter the name and press Left Softkey.
- To add to a current topic, select Topic list > Current > <Add Topic> to display a list of topics to choose from.
- To delete a topic, highlight the topic, press Left Softkey and select Delete.

Auto display

Turns the automatic display function On/Off for cell broadcast messages to be displayed in standby mode.

• Use the ▲ and ▼ navigation keys to highlight Auto display and press Left Softkey to toggle it On/Off. A tick in the check box indicates that Auto display has been activated.

CB languages

The language in which you wish to receive cell broadcast messages in can be specified.

Select CB languages to display the list of available languages. To add a new language, press Left Softkey and select Insert. Highlight the
desired language to add to the list and press Left Softkey to confirm selection. The phone returns to the Cell broadcast display menu.

i-mode

Your phone allows you to use the i-mode feature. With it, you can connect to Internet websites and use the mail function. This chapter guides you through setting up and using i-mode.

To access the i-mode service, you need to:

- · Contact your service provider and subscribe to it.
- Set up the i-mode options in your phone.

What is i-mode

i-mode is a platform for mobile phone communications. With i-mode, cellular phone users get easy access to Internet sites, as well as specialized services such as e-mail/Multimedia Message Service (MMS), online shopping and banking, ticket reservations, and so on.

i-mode website connection

With simple key operations, users can link to a variety of websites offered by content service providers.

E-mail/Multimedia Message Service (MMS)

In addition to the basic calling/receiving functions, your phone allows you to receive and send e-mails/MMS via the Internet.

Website Browsing

In addition to visiting the websites already provided by the i-mode service, you may also access to your preferred websites by directly entering their URLs into your phone.

What Can be Downloaded?

You may download the following four types of content from any i-mode website:

- Ring tones
- · Wallpapers
- Animations
- Java[™] applications

What is a Ring tone?

The ring tone sounds when your phone receives an incoming call, SMS, e-mail, and multimedia message service (MMS).

What is a Wallpaper?

This is the picture displayed when your cell phone is in the idle or power-saving mode. You may download any of the 65536-colour pictures on the

website to your phone.

What is an Animation?

You may download 65536-colour animations on the website to your phone.

What is Java[™] applications?

See "Java™ application" on page 76 for details.

i-mode icon

See "i-mode icon" on page 15 for details.

i-mode Settings

From the main menu, select i-mode > Settings.

Ringer time

The function allows you to set the length of Ringer time when you receive an e-mail or MMS:

- · Select Ringer time from the Settings menu.
- Press Right Softkey to clear the current settings on the screen.
- Enter the preferred time length (3-10 Sec.) by pressing keypad keys and press Left Softkey to save the setting.

Connection No.

The function allows you to select the Connection No. you have set to connect to the i-mode service. Three options are offered: Pay&Go, PayMonthly and User Setting.

- · When you select Connection No. menu, you will see the current connection number that is in use with the radio button on.
- Select the preferred setting and press

 to activate the number.

Required parameter information includes APN, Proxy host, Proxy port, SSL port, Portal host, Mail URL, MMS URL, Username, and Password.

To customize the connection number, follow the steps below:

- · Select a setting you want to change and press Left Softkey to enter the parameter. You will be prompted to enter the phonecode.
- Enter the information required in the parameter fields and press Left Softkey to confirm your changes.

i-mode lock

If the i-mode lock function is activated, users can not apply any i-mode service and receive/send e-mail/MMS.

• Select i-mode lock, the screen shows the lock status to be on or off. Press Left Softkey to toggle between lock/unlock mode. You will be prompted to enter the phonecode.

If i-mode lock is activated, the phone screen shows a lock icon.

iMenu

From the main menu, select i-mode > i-mode > iMenu.

I You can scroll the i-mode website page by pressing and holding ▲ and ▼ navigation keys.

When connected to an i-mode website, it displays a list of options depending on the website. You can press Left Softkey and the phone displays a list of browser Menu options:

Add bookmark	Add the current web page to the Bookmarks.
Bookmarks	Display a list of Bookmarks, which shows only when there is more than one Bookmark.
Save image	Save the images on the current web page.
Save page	Save the current web page.
Add to phonebook	Save the number on the web page to your phone book.
Certificate info	Display the certificate Information of the current web page, which must be a SSL webpage.
Go to webpage	Go to the website address or Select form the list.
Reload	Update the information on the current webpage.
Page info	Display the URL of the current webpage.
Create message	Create a message or display a message edit screen. You can Select to insert reference: Page address or Link and then edit the content of message.

Mail

From the main menu, select i-mode > i-mode > Mail.

Alternatively, you can access Mail menu by pressing Left Softkey from the standby screen.

Compose mail

This function allows you to edit, send and save email.

- · Select Compose mail and enter the editing screen.
- Select the item you would like to change and press . The phone displays the entry screen.
- Enter the Mailing address (To1 item), Subject (Max. 30 alphanumeric characters) and Message (Max. 1333 alphanumeric characters) of the mail, press . The mail-editing screen displays again, showing that the subject has been added.
- Select Attachment, press) and enter the attaching file screen.

- Select the file you would like to attach and press Left Softkey to attach the file. After the file is attached, the Attachment item will display the file name.

While you are editing or writing an email, press Left Softkey to have the following options:

Send	Send the e-mail.
Save	Save the e-mail that you are editing as a draft.
Attach file	Attach a file.
Delete attachment	Delete the attached file.
Play/View file	Play the audio file or view the image file.
Open phonebk.	Access the phonebook to add the mailing address.
Add To	Add more recipients' addresses.
Add Cc	Add carbon copy recipients' addresses.
Add Bcc	Add blind carbon copy recipients' addresses.
Change to To	Change the Cc. or Bcc recipients to To recipients.
Change to Cc	Change To or Bcc recipients to Cc recipients.
Change to Bcc	Change To or Cc recipients to Bcc recipients.
Del. address	Delete the chosen e-mail address.
Attach header	Add headers before a text.
Attach sign.	Add a signature after the text.
Del. message	Delete the message.
Del. mail	Delete the message currently edited.

Select Send and press
to deliver the e-mail and the phone returns to the Mail menu. Select Save and press
to save the message as a draft and the phone returns again to the Mail menu.

Compose MMS

This function allows you to edit, send and save MMS.

- Select Compose MMS.
- Select the item you would like to change and press . The phone displays the entry screen.
- Enter the Mailing address/phone number (To1 item), Subject (Max. 30 alphanumeric characters) of the MMS, press . The MMS editing screen displays again, showing the subject is added.

• Highlight Attachment and press O. The following Compose menu is displayed.

Add text	Add text to the current slide.
Remove text	Remove the text on the current slide.
Add image	Add image to the current slide.
Remove image	Remove the image on the current slide.
Add audio	Add audio to the current slide.
Remove audio	Remove the audio on the current slide.
Preview	Preview the slideshow.
Add slide	Add a new slide after the current slide.
Insert slide	Insert a new slide before the current slide.
Remove slide	Remove the current slide.
Text colour	Select the text colour for the current slide.
Background colour	Select the background colour for the current slide.
Set Fit mode	Select the image layout from Hidden/Fill/Meet/Slice.
Options	Set the slide/text/image display time.
Change region size	Set the image/text region size. Move the boundary line to change the region size.
Swap image/text	Swap the image/text region.
Previous slide	Display the next slide.
Next slide	Display the previous slide.

- Create your MMS content using the Compose menu and press Right Softkey to return to the MMS editing screen
- On MMS editing screen, press Left Softkey to have the following functions:

Send	Send the MMS.
Save	Save the MMS that you are editing as a draft.
Attach file	Attach a file.
Delete attachment	Delete the attached file.
Play/View file	Play the audio file or view the image file.
Open phonebk.	Access the phonebook to add the mailing address.

Add To	Add more recipients' addresses.
Add Cc	Add carbon copy recipients' addresses.
Add Bcc	Add blind carbon copy recipients' addresses.
Change to To	Change the Cc. or Bcc recipients to To recipients.
Change to Cc	Change To or Bcc recipients to Cc recipients.
Change to Bcc	Change To or Cc recipients to Bcc recipients.
Del. address	Delete the chosen MMS address.
Attach header	Add headers before a text.
Attach sign.	Add a signature after the text.
Del. message	Delete the message.
Del. mail	Delete the message currently edited.

Attach file, Delete attachment and Play/View file are not available for MMS. They are always grayed out.

Select Send and press
 to deliver the MMS and the phone returns to the Mail menu. Select Save and press
 to save the MMS as a draft
 and the phone returns again to the Mail menu.

Inbox

This function allows you to read and manage received mails and MMS.

Read mails/MMS

· Select Inbox to enter the item.

Alternatively, you can access Inbox by pressing and holding Left Softkey from the standby screen.

• Select the message you would like to read and press O read it. You may press Left Softkey to have the following options:

Show all	Show all messages.
Show unread	Show unread messages.
Show read	Show read messages.
Show protect.	Show protected messages.
Delete one	Delete chosen message.
Delete read mail	Delete read messages
Delete all	Delete all messages
Title sort	Sorts the messages by title.

Date sort Sorts the messages by the date

Displaying a message, you may press menu to have the following functions:

Reply	Reply to the message.
Reply quoted	Reply with a quoted message.
Reply all	Reply to sender and all recipient(s) without quoted messages body.
Reply quoted all	Reply to sender and all recipient(s) with quoted messages body
Forward	Forward the message.
Delete	Delete the message.
Save address	Save the address of the message into the phone book.
Add to phonebook	Add the phone number of the message to phonebook.
Create message	Create a new message.
Save melody	Save the message melody.
Save attachment	Save the attachment.
Copy message	Copy the message for later use.
Copy subject	Copy the subject for later editing.
Copy address	Copy the address.
Play Attachment	Play the attached file.
Browse Attachment	Browsing the attached file.
Protect On/Off	If the mail is unprotected, the function is turned on. If the mail is protected, the function is turned off.

Sent mail

This function allows you to see the list of sent messages.

· Select Sent mail to enter the option directly, and press Left Softkey to have the following functions.

- Title sort Sorts the messages by title.
- Address sort Sorts the messages by address.
- Date sort Sorts the messages by date.
- Delete one Delete the chosen message.

Delete all

Delete all messages.

• When choosing a mail/MMS, press O to read the content. The following options become available:

Re-edit Re-edit the message. Delete Delete the message. Save address Save the address of the message into the phonebook. Add to phonebook Add the phone number of the message to Phonebook. Create message Create a new message. Copy message Copy the message for later use. Copy subject Copy the subject for later editing **Play Attachment** Play the attached file. Browse Attachment Browse the attached file.

Protect On/Off If the mail is unprotected, the function is turned on. If the mail is protected, the function is turned off.

Draft

· Select Draft to enter the item directly, and you may press Left Softkey to have two options: Delete one or Delete all.

• Select the draft you would like to edit (please refer to the above "Compose mail" for detailed information.)

Check new mail

· Select Check new mail to enter the item directly, and the phone will access to mail server and check if there is new mail.

Mail settings

· Select Mail settings to enter the option directly, and you will see the following options:

Edit header	Edit a header.
Edit signature	Edit your signature.
Reply marker	Select your reply marker.
Auto play	Set the phone to play the attachment or MMS automatically.
Auto reception	Set the phone to download mails automatically.
Receive attachment	The option allows you to receive the attached image and MIDI file
Attachment data	The option allows you to received attached MFi file.
Check settings	This displays all the current settings of all the Mail menu options.

Back

Back Return to the i-mode menu.

JavaTM application

Please "Java™ application" on page 76 for detail.

SMS

Please see"Messages overview" on page 46 and "Message settings" on page 49.

Bookmarks

The option shows a list of Bookmarks, allowing you to edit again, change the title, delete or access the webpage listed in the Bookmarks. Under the i-mode screen, you may select Bookmarks to directly enter the Bookmarks. Select the preferred Bookmarks and press *Left Softkey*, and you will see a list of options:

- Open Connect to the website and display the web page
- Copy address Copy the address of the chosen bookmark
- Edit title Edit the title of the chosen bookmark.
- Create message Create a message or display the message edit screen and the address of the chosen bookmark will be inserted to the text of the mail.
- Delete one Delete the bookmark that you select.
- Delete all Delete all the bookmarks.

Go to webpage

With the function, you may select to enter a specific URL or select from the URL history list. Under the i-mode menu screen, select Go to Webpage to enter it.

Enter address

- · Select to enter the item, and you may use keypad keys to enter website address.
- Select OK to save your entry or cancel to delete the entry.

Address history

- · Select Address history to enter the item.
- Select the preferred URL and press O to open the website address entry screen again.

Back

· Select the item to go back to the menu screen.

Saved pages

- Select the item to enter the Saved Pages.
- Press Left Softkey to have the following options:
- Open Open the saved pages.
- Edit title Edit the title you have saved.
- Protect On/Off If the screen data is unprotected, the function will be turned on. If the data is protected, the function is turned off.
- Delete one Delete the page you want to discard.
- Delete all Delete all the saved pages.

After you've chosen the preferred Saved pages, press menu to have the following options:

- Save image Save the image on the Saved Pages.
- Edit title Edit the title on the Saved Pages.
- Certificate info Display the certificate information of the currently displayed website. The function is available when it is SSL webpage.
- Page info Display the URL of the currently displayed webpage.
- Protect On/Off
 If the screen data is unprotected, the function is turned on. If the data is protected, the function is turned off.

 Delete
 Delete the current page.

Settings

- Under i-mode menu, select settings and press 🔘 to directly enter the item. Entering Settings, you will see the following options:
- Set time out The function allows you to set the automatic time out (60/90 seconds or Disabled). Select the preferred time out option and then select OK to confirm your change.
- Load images The function allows you to load images from the webpage. Select either Yes or No and then select OK to confirm the selection.
- Wrap text Select either Yes or No and press O to confirm. Then select OK/Cancel.

Certificates The function allows you to look at the certificate details and set the certificates to either valid or invalid. Select the preferred certificate, press Left Softkey and Certificate info to check the certificate information or Valid/Invalid to set the certificate to either valid or invalid.

Send terminal info You may also send the terminal information. Select either Yes or No and then select OK to confirm the selection.

Check settings The function allows you to check the current settings of all options. Select Check settings to enter the option.

Back Go back to the i-mode menu.

Phonebook

Lists

Your phone can store up to 8 different phonebooks:

- · Complete (a list of all the numbers stored in the other phonebooks (Phone, SIM, FDN) except SDN numbers)
- · Personal directories (ADN) in SIM
- · Personal directories (ADN) in your phone memory (Phone)
- Own number
- Service dialing numbers (SDN)
- Fixed dialing numbers (FDN)
- Groups
- Voice mail

From the main menu, select Phonebook > Lists to display the phonebook entries.

Alternatively, press < navigation key directly from the standby screen.

To display the other phonebooks, press either < or > navigation keys till the desired phonebook is displayed.

The name of the type of phonebook list is displayed at the top of the list. The next time you press < navigation key from the standby screen, the phonebook displayed will be the last one in use before you exit the phonebook and return to the standby screen.

- Interphone number in the phonebook record is displayed when the name is highlighted in the phonebook.
- When viewing any of the directories described, you can switch to the other directories (if your SIM card supports them) by using the navigation key.

Personal Directory (ADN)

The personal directory numbers are known as Abbreviated Dialing Numbers (ADN). Up to 255 numbers can be stored (along with only one name for each number) on your SIM (depending on your SIM card capacity). Up to 250 numbers can be stored along with a name, ring melody and a phonebook picture in your phone memory. The phone memory also allows you to store 4 phone numbers, 2 e-mail addresses, note, company, street, post code, country, city, and URL under one name. You can also group names in your phone memory to simplify searching. The numbers from either of these personal phonebooks can be viewed, altered and dialed when you need to do so.

🛄 The maximum number of 255 phone numbers that can be stored on a SIM card is shared between the ADN, FDN, and SDN directories.

Fixed Dialing Numbers (FDN)

Fixed dialing numbers is a function to limit the numbers that can be called using your phone. With the FDN feature turned ON, only the phone entries you stored in the FDN phonebook and emergency numbers can be called from your phone.

- If the FDN function is set to ON, only numbers in the FDN directory can be called.
- Although FDN is supported by your phone, it must be present on your SIM. Check with your service provider.

Service Dialing Numbers (SDN)

The numbers stored in the SDN phonebook are supplied, ready to use, and installed by your service provider. The SDN phonebook contains numbers and services that cannot be edited by you. You will not be able to see the number that is dialed as only the associated text title will be shown.

- To call numbers in the SDN directory, press < or > navigation key until the SDN directory is displayed and then use either the scrolling or searching method to locate and call the number.
- Although SDN is supported by your phone, it must be present on your SIM. Check with your service provider.

Creating a new phonebook record

From the main menu, select Phonebook > Lists to display the desired phonebook list.

• Use the < and > navigation keys to display the following directories:

Complete

To create a new personal record, use the following procedures:

- · Highlight <Add new> and press Left Softkey to display the Options menu.
- · Choose SIM or Phone depending on in which list you wish to create a new phonebook record.

The following steps are the same as when creating a new record in the phonebook (SIM/Phone). See "SIM" for details.

You can check the record number of a phonebook (Phone) entry in Complete. The number is on the third line of highlighted phonebook (Phone) entry.

SIM

You can set up the following information in the phonebook (SIM):

- Name
- Phone number
- Location
- Record no.

To create a new personal record, use the following procedures:

- Highlight <Add new> and press Left Softkey to display the <Add new> screen.
- Use the ▲ and ▼ navigation keys to highlight the fields to be added.
- Highlight Name field. Key in the name.
- Highlight Phone number field. Key in the phone number.
- To select an area code, press Right Softkey to access the +List menu and select the desired location.
- Highlight Location field. Use the < and > navigation keys to select whether to save the record in the SIM or Protected SIM (in the FDN list). You will have to enter your PIN2 code before you can select Protected SIM as the location to store the record.

- If you select the Protected SIM to save the record in, the record is stored in the FDN list. Use the < and > navigation keys
 - Highlight Record no. field. Use the < and > navigation keys to choose the Record no..
 - Press the Left Softkey to save the changes made. You cannot save a record unless Phone number is set. The phone returns to the phonebook list.

Phone

You can set up the following information in the phonebook (Phone):

- Name.
- Phone number.
- Other phone numbers (Office number, Mobile number, Fax number).
- 2 e-mail addresses.
- A phonebook picture ID for the caller.
- A specific ringtone/melody for the caller.
- Other personal information into the information fields (Note, Company, Street, Post code, Country, City).
- A URL.
- Group (No group, Friends, Colleagues, Family, Biz partner, VIP).

To create a new personal record, use the following procedure:

- Highlight <Add new> and press Left Softkey to display the <Add new> screen.
- Use the ▲ and ▼ navigation keys to highlight the fields to be added.
- Highlight Name field. Key in the name.
- · Highlight Phone number/Office number/Mobile number/Fax number field and enter the phone number.
- To select an area code, press Right Softkey to access the +List menu and select the desired location.
- Highlight E-mail 1/E-mail 2 field. Key in the E-mail address. You can enter '@' or '.' by pressing 1 or # key and choosing an appropriate mark.
- To set a picture ID, highlight Caller picture field. Press Left Softkey to display the Options menu.
- · Select Pictures/Photos, the selected folder is displayed. Then select the picture or photo you want to use for the picture ID.
- To set a ringtone/melody, highlight Caller ringtone field. Press Left Softkey to display the Options menu.
- · Select Change, the Sounds folder is displayed. Then select the sound you want to use for the ringtone/melody.
- · Highlight Note/Company/Street/Post code/Country/City/URL field. Key in the appropriate information.
- Highlight Group field. Use the

Own number

Own number list allows you to enter your own phone numbers. To create a new entry, use the following procedure:

- Alternatively, press 0 from the main menu directly.
 - Use the ▲ and ▼ navigation keys to select one of the <Empty> slots and press Left Softkey to display the Option menu.

- · Select Edit from the Option menu.
- · Highlight Own number field, then enter the number.
- Highlight Name field, then key in the name.
- · Press Left Softkey to save and return to Own number menu screen.
- To delete a saved entry, highlight the entry from Own number menu screen and press Left Softkey to display the Option menu. Select Delete
 and press Left Softkey to confirm the deletion.
- Description: The Own number service is SIM card dependent.

FDN

To create a new personal record, use the following procedures:

- Highlight <Add new> and press Left Softkey. You will be asked to enter your PIN2 code.
- The following steps are the same as when creating a new record in the phonebook (SIM). See "SIM" on page 63 for details.

Groups

There are 6 groups available to allocate phone numbers to (including 'No group').

Add a phonebook record to a group

You can allocate specific members to be under a certain group. For example work, golf, and family, etc. When a member of the group calls, the assigned group image and melody will be activated.

- With the desired phone record to be added to the group displayed, go to Edit and use the **A** and **V** navigation keys to highlight the Group field.
- Use the ◀ and ▶ navigation keys or *Right Softkey* to toggle between the different groups (No group, Friends, Colleagues, Family, Biz partner, VIP) available.
- Press Left Softkey to save changes.

View group member

- From the main menu, select Phonebook > Lists to display the phonebook entries.
- Press either < or > navigation key till the Groups list screen is displayed. Use the A and
- When the required group name is highlighted, press Left Softkey to display the Options menu.
- · Select View group to display the names of the entries in the selected group.
- Use the ▲ and ▼ navigation keys as appropriate to scroll through the names.
- To call the phone record number, press reskey.

Assign a ringtone/melody to a group

To assign a specific ringtone/melody stored in your phone to a group, use the following procedure:

- With the Groups list screen displayed, use the ▲ and ▼ navigation keys to highlight the desired group and press Left Softkey to display the Options menu.
- Highlight Set ring tone and press Left Softkey to display the Sounds folder.
- Use the ▲ and ▼ navigation keys to scroll through the list of ringtones/melodies and press Left Softkey to confirm the selection of desired ringtone/melody for the group. The phone returns to the Groups list screen.

Change a group image

To change the group image, use the following procedure:

- With the Groups list screen displayed, use **A** and **v** navigation keys to highlight the desired group and press Left Softkey to display the Options menu.
- Highlight Group image and press *Left Softkey* to display the default group image.
- Use ▲, ▼, ◀ and ▶ navigation keys to scroll to the different default group images and press Left Softkey to confirm the selection of the new allocated image. The phone returns to the Groups list screen.

Changing a group name

To change the group names, use the following procedure:

- With the Groups list screen displayed, use ▲ and ▼ navigation keys to highlight the desired group name and press Left Softkey to display the Options menu.
- Highlight Rename group and press Left Softkey to display the editing display screen. Make the necessary changes to the name and press Left Softkey to save and return to the Groups list screen.

Ungroup a phone number or remove all entries from the group

- To remove a member from the allocated group, change the Group field in a phonebook record to <No group> and save the change.
- To remove all members from a group, use the **A** and **V** navigation keys to highlight the desired group from the Groups list screen and press Left Softkey to display the Option menu.
- · Highlight Remove entries and press Left Softkey twice to confirm the removing of all the members in the selected group.

Calling phone numbers from phonebook

The phone numbers in your personal phonebook can be located and then called using one of the following methods:

- From the main menu, select Phonebook > Lists to display the phonebook directory.
- Use the ◀ or ► navigation keys to display the desired directory.
- Use the ▲ and ▼ navigation keys as appropriate to scroll through your phonebook directory or hold them down to scroll down continuously.
- To call a phone number of the highlighted phonebook record, press real key.
- When dialing the number in the phonebook (Phone), the Phone number screen will be displayed. Choose a phone number you wish to make a call to, then press real key to dial the number.
- 🚇 When the phone number saved in the phonebook contains 8 digits, the name of the caller might not display on the screen when there

is an incoming call, or in the missed calls and received calls list. When the phone number saved in the phonebook contains 11 digits and an 8-digit phone number is dialed, the name of the called party might not be displayed under the dialed calls list.

Search a list

To jump directly to names starting with a specific character, press the corresponding number key (e.g. press 5 once to jump to names beginning with J or twice to jump to names beginning with K).

To jump to a name beginning with specific letters, press the corresponding number keys for the first few letters of the desired name.

The cursor is positioned on the right of the title bar in the phonebook list. This allows you to enter the characters to perform a search for the contact you wish to recall.

Editing phonebook entries

The edit function enables any phone number stored in the phone memory to be edited and have additional information/attributes added to the number.

- From the main menu, select Phonebook > Lists to display the phonebook entries.
- Press either < or > navigation key until the desired phonebook is displayed: Complete, SIM, Phone, Own number, SDN, FDN, Groups, or Voice mail.
- When the desired phonebook record (name or number) is highlighted, press Left Softkey to display the Option menu, highlight Edit and press Left Softkey to display the Edit entry screen.
- To edit each entry, refer to "Creating a new phonebook record" on page 63 for details.
- If you edit a record in the FDN list, you will be asked to enter your PIN2 code.
- Alternatively, you can edit each entry from View in the Option menu. Select View from the Option menu, the View entry screen for the highlighted phonebook record is displayed. Highlight the entry you wish to edit and press Left Softkey to start editing. When you finish editing, press Left Softkey (when highlighting any fields other than Caller picture and Caller ringtone) to save the change.

Deleting a single phonebook record

- When any phonebook record is highlighted, press Left Softkey, highlight Delete and press Left Softkey. The confirmation screen displays.
- · Press Left Softkey to confirm the deletion or Right Softkey to cancel the action.

Deleting all phone records

To delete all phone records in your Phone/SIM memory, use the following procedure.

- When any phonebook record is highlighted, press Left Softkey, highlight Delete all and press Left Softkey to delete. The confirmation screen displays.
- · Press Left Softkey to confirm the deletion of all phone records or Right Softkey to cancel the action.

Copying/Moving from phone to SIM / SIM to phone

• To copy a phonebook record in SIM to Phone or Phone to SIM, highlight the record in the SIM or Phone directory, press Left Softkey for the

Options menu. Highlight Copy to phone (or Copy to SIM) and press Left Softkey to confirm.

- To copy all phonebook records in SIM to Phone or Phone to SIM, highlight any record in the SIM or Phone directory, press Left Softkey for the Options menu. Highlight Copy all to phone (or Copy all to SIM) and press Left Softkey to confirm.
- To move a phonebook record in SIM to Phone or Phone to SIM, highlight the record in the SIM or Phone directory, press Left Softkey for the Options menu. Highlight Move to phone (or Move to SIM) and press Left Softkey to confirm.
- When copying/moving a phonebook record in the phonebook (Phone), the Phone number screen is displayed to choose which number you wish to copy/move.

Sending an SMS/MMS/i-mail from the phonebook

You can send an SMS/MMS/i-mail message to the phone number stored in the phonebook.

- · Highlight the phonebook record you wish to send an SMS/MMS/i-mail to.
- · Press Left Softkey, highlight Send as SMS/Send as MMS/Send as i-mail and press Left Softkey.
- To compose a message, see "Messages overview" on page 46, "Creating and sending a message" on page 47 or "Message settings" on page 49.

Search by a record number

When any phonebook record in the phonebook is displayed, press Left Softkey for the Options menu.

- · Highlight Go to location and press Left Softkey.
- · Key in a record number of the phonebook record you are searching. Press Left Softkey to confirm.

Memory status

You can display the capacity of the phonebook.

• Press Left Softkey and select Memory status. The maximum number of personal records that can be stored and the current number of personal records in the SIM/FDN/Phone are displayed.

Sorting a list

- · Highlight a phonebook record in the SIM/Phone, and press Left Softkey to display the Option menu.
- · Select Sort, then select Alphabetic/Location. The list will be sorted alphabetically or by the Record no..
- Sorting may take time depending on the number of personal data entries, the number of characters contained in each record and the type of language.

Camera

The integrated digital camera in the phone allows you to take photos and send them out via the Multimedia Messaging Service (MMS) or as an email attachment. The photos will be stored in JPG format in the phone, and can be viewed by most picture viewing programs.

Taking a picture

To take and save a picture inside your phone, use the following procedure:

- · From the main menu, select Camera. The camera finder screen will appear in the LCD and the actual composition of the picture will be shown.
- Press
 key to capture the picture.
 - To save the picture you just took, press O key. The picture is saved in the photos folder in My data
 - To send the picture via iMail, press Left Softkey. The picture is automatically saved.
 - To display the camera options menu after saving the picture, press Left Softkey.
 - To return to the camera finder screen without saving, press Right Softkey.
- To switch off the camera function, press 📷 key from the camera finder screen. The screen returns to the standby screen.
- Definition of the picture is image+serial number, for instance image0001.
- Your phone's camera is constructed using extremely high precision technology, but there may be lines or dots on the screen that appear permanently dark or bright. Note also that the amount of noise in the image (white lines etc.) may increase noticeably when you take pictures in dimly-lit places.
- Be careful not to apply force to the lens. This could damage the lens.
- 💷 Be considerate of other people's privacy when you take a picture using the camera of your phone and send it to others.
- Remember to turn off the camera after using to save power.

Zoom

When taking a picture in the camera finder screen, you can zoom in by pressing **A** navigation key. To zoom out, press **V** navigation key.

The zoom function cannot be activated when an image size of 640 x 480 is selected. For a selected image size of 320 x 240, you can zoom in only once, and for a selected image size of 160 x 120, you can zoom in twice.

Brightness

Press the < or > navigation keys to control the brightness level of the picture when taking a picture in the camera finder screen.

Camera (before taking a picture)

Images shot in 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.

When in camera mode, the phone returns to standby mode after 3 minutes of idling.

You can display the quick keys by pressing # key on the camera finder screen.

Press Left Softkey from the camera finder screen to display the Options menu for the camera to set the following:

Self timer

• Highlight Self timer and press Left Softkey to toggle this function On/Off. The picture is taken after 10 seconds after) is pressed during picture taking.

Twilight

Highlight Twilight and press Left Softkey to toggle this function On/Off. The exposure time will be increased during photo taking due to the
poor light conditions.

Close up

You can take a close up photo by activating this mode.

· Highlight Close up and press Left Softkey to toggle this function On/Off

Screen mode

You can switch the screen between normal mode or full mode.

 Highlight Screen mode and press Left Softkey to display the Options menu. Use the ▲ and ▼ navigation keys to highlight Normal mode or Full mode and press Left Softkey to confirm the selection.

Photo size

The image size can be set for external usage (e.g., on a PC) regardless of the image shown in the display screen.

- Highlight Photo size and press the Left Softkey to display the Options menu. Use the ▲ and ▼ navigation keys to highlight the image size that best suits your needs and press Left Softkey to confirm the selection.
- The available sizes are: VGA (640 x 480); QVGA (320 x 240); QQVGA (160 x120).
- A larger image size will take up more memory space.

Brightness

- Highlight Brightness and press Left Softkey to adjust the brightness for the photo shoot with the use of ▲ and ▼ navigation keys.
- Press Left Softkey to confirm the setting.

Image quality

- Highlight Image quality and press the Left Softkey to display the Options menu. The quality of the photos can be set as Fine/Normal/ Economy. Use the ▲ and ▼ navigation keys to highlight and select the quality by pressing Left Softkey.
- A 'Fine' quality photo implies that the photos taken will be of better quality. However, the total number of pictures that can be taken will be
reduced.

Effect

- · Highlight Effect and press Left Softkey to display the Options menu.
- Use the ▲ and ▼ navigation keys to highlight and select the different colour tint to take your photo: Normal/Monochrome/Sepia/Bluish. Change the colour tint setting by pressing *Left Softkey*. The radio button beside the option will be turned on.

Flicker control

When taking pictures under a fluorescent light, flickers may occur. To prevent flickers, use the following procedure:

- · Highlight Flicker control and press Left Softkey to display the Options menu.
- Use the ▲ and ▼ navigation keys to select 50Hz/60Hz and press Left Softkey to confirm your selection. The radio button beside the option will be turned on.

Default setting

By selecting this menu you can return the Options menu to the default settings.

· Highlight Default setting and press Left Softkey to reset the camera Options menu.

Camera option menu (after saving a picture)

After saving the picture, press Left Softkey. The following options will be displayed:

Send via iMail

· By selecting this menu, you can attach the saved picture to an mail.

Send as MMS

• By selecting this menu, you can attach the saved picture to an MMS.

Set as wallpaper

• By selecting this menu, you can set the saved picture as the wallpaper.

View finder

• By selecting this menu, you can return to the camera finder screen.

Go to my photos

• By selecting this menu, you can access the photos folder in My data.

My data

You can use this menu function to manage all the pictures and sounds saved in the phone. You can playback sound, ringtones or display pictures/ wallpapers downloaded from the Internet, or photos captured with the built-in camera function.

From the main menu, select My data.

- You can also get to My data display screen by pressing variation key from the standby screen.
- When your phone memory is full, you may not be able to rename the files.

Photos and pictures

The Photos and Pictures folders manage the photos and pictures in your phone respectively. You can choose to display and edit the images and animations that are either captured by the built-in camera or downloaded from the Internet. You can also attach the images and animations to the MMS you are sending out.

Display the photos/pictures list screen

From My data display screen, highlight either Photos or Pictures folder and press Left Softkey to view the list of photos or pictures in your phone.

Alternatively, you can access the Photos folder by selecting Go to my photos in the Options menu for the camera after taking and saving a picture.

Selecting and displaying an image

To view a certain photo/picture from the Photos/Pictures list display screen, use the ▲ and ▼ navigation keys to highlight an image file you want to display and press Left Softkey to display the Options menu. Highlight View and press Left Softkey to display the picture. Press Right Softkey to return to the Photos/Pictures display list screen.

While viewing, you can switch the previous/next picture by pressing the **A** and **V** navigation keys.

Photos/Pictures options menu

Use the 🔺 and 🔻 navigation keys to scroll through the list of photos and pictures and press Left Softkey to display the Options menu:

View

Highlight View and press *Left Softkey* to display the picture.

Send as MMS (not for preset wallpaper)

Highlight Send as MMS and press Left Softkey to display the MMS editing screen with the selected picture attached. Proceed with the MMS editing before sending it out.

Send via email (not for preset wallpaper)

Highlight Send via email and press Left Softkey to display the mail editing screen with the selected picture attached. Proceed with the mail editing before sending it out.

Set as wallpaper

Highlight Set as wallpaper and press Left Softkey to set the selected picture as the wallpaper for the standby screen. The phone returns to the Photos/Pictures display list screen.

Rename (not for preset wallpaper)

You can use the Rename function to edit the names of the photos/pictures. Highlight Rename and press Left Softkey. Key in the new name for the picture and press Left Softkey to save the changes made.

🛄 You can only input "0-9", "a-z", "A-Z" and "_" for filenames. Changing of text entry mode is not available in this menu.

Delete (not for preset wallpaper)

This option allows you to delete the highlighted photo/picture file. Highlight Delete and press Left Softkey to delete the file. When the confirmation message appears, press Left Softkey to confirm or press Right Softkey to cancel the deletion.

Delete all (not for preset wallpaper)

This option allows you to delete all the photo/picture files in the folder. Highlight Delete all and press Left Softkey to delete all the files. When the confirmation message appears, press Left Softkey to confirm or press Right Softkey to cancel the deletion.

Info

You can display the details of the selected image file using this function. The following details will be displayed:

- File name
- Resolution
- Bit depth
- · Creation time
- · File type
- File size

Sounds

The Sounds folder manages the ringtones and other melodies in your phone.

- From My data display screen, highlight Sounds folder and press Left Softkey to view the list of ringtones/melodies in your phone.
- If voices or sounds are recorded in the folder when the user opens it, it sounds automatically.

Sounds option menu

The phone plays back the ringtone/melody that is highlighted from the list in the Sounds folder. Use the **A** and **V** navigation keys to highlight the desired ringtone/melody and press *Left Softkey* to display the Options menu:

Send as MMS (for downloaded ringtone/melody)

Highlight Send as MMS and press Left Softkey to send the selected ringtone/melody attached to an MMS.

Send via iMail (for downloaded ringtone/melody)

Highlight Send via iMail and press Left Softkey to send the selected ringtone/melody attached to an MMS.

Set as ringtone (for preset and downloaded ringtone/melody)

Highlight Set as ringtone and press Left Softkey to set the selected ringtone/melody as the default ringtone for the following type of calls:

- Any call
- Phonebook call
- Alarm
- Messages
- Cell broadcast
- · Friends, Colleagues, Family, Biz partner, and VIP

Highlight the type of call you want to set the ringtone and press Left Softkey. The phone returns to the Sounds list screen.

Rename (for downloaded ringtone/melody)

You can use the Rename function to edit the file name for the selected ringtone/melody. Highlight Rename and press Left Softkey. Key in the new name for the ringtone/melody and press Left Softkey to save the changes made.

Delete (for downloaded ringtone/melody)

Highlight Delete and press Left Softkey to delete the selected ringtone/melody.

Delete all (for downloaded ringtone/melody)

Highlight Delete all and press Left Softkey to delete all the downloaded ringtone/melody.

Info (for preset and downloaded ringtone/melody)

You can display the details of the selected ringtone/melody using this function. The following details will be displayed:

- · File name
- Creation time
- · File type
- File size

Record voice

The Record voice function allows you to record a sound file and send it as MMS. Or you may record a sound file and play it later.

The Record voice folder manages the voice files recorded by your phone.

From My data display screen, highlight Record voice folder and press Left Softkey to view the list of recorded voice in your phone.

Recording voice

From the main menu, select Accessory > Voice memo > Record to display the desired phonebook list. A message shows: Please start recording. You may press *Right Softkey* to Record or press *Left Softkey* to see the detailed information of the sound file. To stop/pause recording, you may press *Left Softkey/Right Softkey*. To resume recording after selecting pause function, press *Right Softkey* to continue recording. Once you stop the recording, you may choose to either save or play the recording. Press *Left Softkey* to save the recording but you need

to edit the name for the file first. After the editing is done, press Left Softkey to save the file.

Record voice option menu

From Record voice display screen, use A or V navigation keys to scroll through the list of sound files and press Left Softkey to display the Options menu:

Send as MMS

Highlight Send as MMS and press Left Softkey to display MMS editing screen with the selected sound file. Proceed with the MMS editing before sending it out.

Rename

Highlight Rename and press Left Softkey to change the name of the sound file.

Delete

Highlight Delete and press Left Softkey to delete the selected sound file.

Delete all

Highlight Delete All and press Left Softkey to delete all the sound files in the folder.

Info

Highlight Info and press Left Softkey to see the details of the sound file.

Memory status

This feature allows you to check the memory space in your phone.

From My data display screen, highlight Memory status folder and press Left Softkey to view the details in your phone.

Java™ application

Select Java[™] from the main menu. Alternatively select Java[™] application from the i-mode menu. After you selected the item, a list of Java[™] applications is displayed.

Alternatively, you can start Java™ application by pressing and holding Right Softkey or ▼ navigation key from the standby screen. Press Left Softkey from the Applications screen, five options are offered:

Description setting Select to enable or disable the function.

Delete all Delete all Java[™] application.

Storage status Information such as Used bytes, Free bytes, and the storage of the chosen game is displayed.

Trace Info. Select to display the trace information.

About Other information about the Java[™] application.

Press Right Softkey from the Applications screen, five options are offered:

Properties Display the properties of the Java[™] application.

Upgrade Confirm if you would like to upgrade Java™ application.

Delete the Java[™] application.

Network Connect to the Network/Do not connect to the Network/Confirm each time application starts.

connection

Auto start setting Confirm to activate the auto start setting.

When you display the Java™ application 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.

Accessory

From the main menu, select Accessory to access the various functions provided by your phone as listed below:

- Organizer (Scheduler, ToDo list, Notepad)
- · Clock (Alarm clock, Auto off, Auto on, Countdown, Stopwatch)
- Calculator (Calculator, Currency conv.)
- Composer
- Voice memo (Record, Play, Data rate)

Scheduler

From the main menu, select Accessory > Organizer > Scheduler. The default will be the monthly display. Press the Left Softkey and select Week to view the calendar in week display.

- There is a 20 seconds delay before the phone emits an alert tone for the scheduled appointment time.
- Ake sure that the Scheduler function is not activated when entering premises where use of mobile phone is prohibited.

Agenda

You can use the Agenda function in the calendar menu to key in your appointments. Time and date must be preset first before the calendar can work correctly. When the appointment time reaches, a signal tone can be heard.

Even if the phone has been switched off, the phone automatically switches itself on at the specified time if the Agenda function is turned on.

To register a new event in the agenda function, use the following procedure:

- · With the calendar displayed, press Left Softkey to display the Options menu, select Agenda.
- · Select <Add new> to display the editing screen for the agenda.
- Use the ◀ and ▶ navigation keys to select the desired Type of appointment that you are creating: Memo, Call, Meeting mode.
- Use ▼ navigation key to move down to the Description field. Key in the necessary details for this agenda.
- Use ▼ navigation key to move down to the Status field. Use the ◄ and ► navigation keys to change the status of the agenda, either to Activate or Deactivate it.
- Use ▼ navigation key to move down to the Reoccurrence field. Use the ◄ and ► navigation keys to change the reoccurrence of the agenda: Once, Daily, Weekly, Month, Annual.
- . If you choose Weekly, you can toggle On/Off, the required day of the week by highlighting and pressing Right Softkey.
- · Edit the Start date, Start time, End date, and End time fields accordingly.
- Press Left Softkey to save agenda settings and return to the Agenda display screen.
- 🛄 If you miss an appointment alarm, you can check it by pressing Right Softkey from the standby screen when there is a note-shaped

icon displayed in the Softkey area.

Options menu for existing agenda

An Options menu is displayed when an existing agenda is selected and Left Softkey is pressed. The options are described below:

View

Display the details of the selected agenda.

Activate/Deactivate

Use ▲ and ▼ navigation keys to change the status, either to Activate or Deactivate it.

• Edit

Display an edit screen for the highlighted agenda. Use < and > navigation keys to toggle between the different choices in the different fields to edit the agenda settings and use A and T navigation keys to move along the different fields. Press Left Softkey to save the changes made and return to the list of agendas.

Add new

Display a new entry screen.

Delete/Delete all

To delete an existing agenda, highlight the agenda press *Left Softkey*, select Delete. A confirmation screen is displayed. Press *Left Softkey* to confirm the deletion or *Right Softkey* to cancel the action. To delete all existing agendas, select Delete all.

Capacity

Display the maximum number of agendas (max = 50) allowed and the remaining capacity for new agendas.

ToDo list

The ToDo list allows you to set up reminders and appointments for a particular time and day (up to 50 appointments can be stored).

🚇 Make sure that the ToDo list function is not activated when entering premises where use of mobile phone is prohibited.

To register an event in the ToDo list, use the following procedure:

- From the main menu, select Accessory > Organizer > ToDo list to display ToDo list display screen with previously entered reminders/ appointments, if any.
- Highlight <Add new> and press Left Softkey to display the editing screen for the appointment.
- Use the ◀ and ▶ navigation keys to select the desired type of appointment that you are creating: Memo, Call, Meeting mode.
- Use the ▼ navigation key to move down to the Description field. Key in the necessary details for this appointment.
- Use the
 navigation keys to move down to the Status field. Use the
 and
 navigation keys to change the status of the appointment, either to Activate or Deactivate it.
- Use ▼ navigation key to move down to the Reoccurrence field. Use the ◄ and ► navigation keys to change the reoccurrence of the appointment: Once, Daily, Weekly, Month, Annual.

- If you choose Weekly, you can toggle On/Off, the required days of the week by highlighting and pressing Right Softkey.
- · Edit the Start date, Start time, End date, and End time fields accordingly.
- Press Left Softkey to save appointment settings and return to ToDo list display screen.

Option menus for existing reminders/appointments

An Options menu is displayed when an existing reminder/appointment is selected and Left Softkey is pressed. To access each option, highlight the option and press Left Softkey again. The options are described below:

View

Display the details of the selected reminder/appointment.

Activate/Deactivate

Use ▲ and ▼ navigation keys to change the status, either to Activate or Deactivate it.

• Edit

Display an edit screen for the highlighted reminder/appointment. Use the < and > navigation keys to toggle between the different choices in the different fields to edit the reminder/appointment settings and use the **A** and **V** navigation keys to move along the different fields. Press *Left Softkey* to save the changes made and return to the list of ToDo list.

Add new

Display a new entry screen.

Delete/Delete all

To delete an existing appointment, highlight the appointment, press Left Softkey, select Delete. A confirmation screen is displayed. Press Left Softkey to confirm the deletion or Right Softkey to cancel the action. To delete all existing appointments, select Delete all.

Capacity

Display the maximum number of appointments (max = 50) allowed and the remaining capacity for new appointments.

Notepad

The notepad application allows you to write text files and save them in your phone as reference.

From the main menu, select Accessory > Organizer > Notepad. Use A and V navigation keys to highlight the existing notes or highlight <Add new> to create a new note.

Notepad option menus

Highlight an existing note and press Left Softkey to display the Options menu for the Notepad. The options are described below:

- · View: Display the note for reading.
- Edit: Display an editing screen for the highlighted text note.
- Add new: Display a new entry screen.
- Delete: Delete the highlighted text note.

- Delete all: Delete all the existing text notes.
- · Send: Send the note via SMS to a recipient (you may select a phone number from the phonebook list or enter a recipient's number).
- Capacity: Display the memory left in your phone for saving other text notes. Up to a maximum of 10 notes can be saved.

Notepad edit options menu

While on Edit screen, press Left Softkey. The options are described below:

- Save: Save the note and return to the Notepad screen.
- Insert new line: Change the line at the cursor position.
- · Clear text: Delete the text
- · Send: Send the note as an SMS.
- Mark/Unmark text Highlight the text to copy or cancel the marked mode.
- Paste Paste the text copied by Marked text.

Alarm clock

The alarm will start ringing at the time you set (even after the phone is switched off).

- When the alarm sounds, other events will just display on the screen until the alarm stops.
- Ake sure that the Alarm clock function is not activated when entering premises where use of mobile phone is prohibited.
 - From the main menu, select Accessory > Clock > Alarm clock.
 - Use ▲ and ▼ navigation keys to highlight one of the 4 time fields and press Left Softkey to display the Options menu.
 - Select Edit to display the editing screen. Key in the time you want to activate the alarm clock in the Time field.
 - Use ▼ navigation key to move to the next field to select the day(s) of the week to activate the alarm. Use ◄ and ► navigation keys to move to select the day(s) of the week. Press *Right Softkey* to display a tick in the respective check box.
 - Use ▼ navigation key to move to the Status field. Use ◀ and ► navigation keys or press *Right Softkey* to toggle between activating or deactivating the alarm. You can also activate/deactivate the entry from the Options menu in the Alarm clock display screen.
 - If necessary, use **v** navigation key to move to the Description field and key in the reason for the alarm.
 - Press Left Softkey to save this alarm setting and return to the Alarm clock display screen.
 - You can delete the entry by selecting Delete/Delete all in the Options menu.
 - Each icon in the Alarm clock display screen indicates if the settings is activated/deactivated. The alarm clock icon will appear on the standby screen when activated.
 - When the alarm sounds, press Left Softkey to turn off the alarm clock or press Right Softkey to pause the alarm clock, which keeps ringing
 every other 5 minutes. This resembles the snooze function. During the snooze period, you may press Left Softkey to stop the alarm clock or go
 to Accessory > Clock > Alarm clock to deactivate the alarm.

🚇 Even if the phone has been switched off, the phone automatically switches itself on at the specified time if the alarm is turned on.

Drce you set the time, the alarm will ring every day(s) of the week you have set until you deactivate the settings.

If you miss an alarm, you can check it by pressing Right Softkey from the standby screen when there is a clock-shaped icon displayed in the Softkey area.

Auto off

When this function is activated, the phone will be automatically switched off at the preset time everyday.

- · From the main menu, select Accessory > Clock. Highlight Auto off and press Left Softkey.
- Press Right Softkey or use < and > navigation keys to toggle the function On/Off.
- Use ▼ navigation key to move down to the Time field (when the function is toggled on) to set the auto off time.
- · Press Left Softkey to save the settings and return to the Clock menu screen. A tick in the check box indicates that the function is activated.

Auto on

When this function is activated, the phone will be automatically switched on at the pre-set time everyday.

- Make sure that the Auto on function is not activated when entering premises where use of mobile phone is prohibited.
 - From the main menu, select Accessory > Clock. Highlight Auto on and press Left Softkey.
 - Press Right Softkey or use < and > navigation keys to toggle the function On/Off.
 - Use ▼ navigation key to move down to the Time field (when the function is toggled on) to set the auto on time.
 - Press Left Softkey to save the settings and return to the Clock menu screen. A tick in the check box indicates that the function is activated.

Countdown

After a preset time elapsed, the function will indicate last 3 seconds of the countdown timer by a beep tone. At the end of the countdown time, a special beep can be heard.

- From the main menu, select Accessory > Clock > Countdown.
- Press Left Softkey to set a desired duration for the countdown. Edit the countdown timer and press Right Softkey to save the setting. Press Right Softkey to start the countdown.
- To pause the countdown, press Right Softkey. Press Right Softkey again to continue with the countdown.
- To reset the countdown timers after pausing, press Left Softkey.

Stopwatch

From the main menu, select Accessory > Clock > Stopwatch. A maximum of two timings can be registered with the stopwatch.

- Press Left Softkey to start the timing. To register the first timing, press Left Softkey. To register the next timing, press Left Softkey again.
- To register only one timing with the stopwatch, press Left Softkey to start timing and Right Softkey to stop.
- To reset all time counters, press Left Softkey.

Calculator

You can perform addition, subtraction, multiplication and division of numbers with the calculator function. You can enter up to 8 digits. The calculator can display a result of up to 9 digits, with a maximum of 6 decimal places.

If a calculation results in a number exceeding the maximum, "Over range" appears in the calculation field.

Calculator key

The following keys are assigned with different functions under the calculator:

- Anavigation key: Addition (+)
- < navigation key: Subtraction (-)
- T navigation key: Multiplication (x)
- > navigation key: Division (÷)
- Left Softkey: Equals to (=)
- · Right Softkey: Clear
- Eack to the standby screen
- # key: Decimal point (.)
- *key: Negative (-)

Activating calculator

To start the calculator function, use the following procedure:

· From the main menu, select Accessory > Calculator > Calculator.

Terminating calculator

Press 💽 key to return to the standby screen.

Calculating

To calculate using the calculator, for example 52 + 37, use the following procedure:

- · Input 52 on Calculator.
- Press the
 A navigation key.
- Input 37.
- Press Left Softkey.
- The answer 89 appears in the calculation field.

Deleting a digit

To delete a digit, press Right Softkey.

Deleting all digits

To delete all digits input, press and hold *Right Softkey*.

Currency converter

From the main menu, select Accessory > Calculator > Currency conv. You are able to calculate the exchange rates between two currencies using this function:

Rate setting

From the Currency conv. display screen, select Rate setting. Enter the exchange rate for the domestic currency and foreign currency. Press # to enter a decimal point. Press Left Softkey to calculate the conversion. Save the settings by pressing Left Softkey.

Rate compute

From the Currency conv. display screen, select Rate compute. Use A and V navigation keys to move along the fields. Enter the sum to be converted at either domestic currency or foreign currency field. Press Left Softkey to Convert. The results will be displayed at the other field.

Composer

From the main menu, select Accessory > Composer to display the list of preset melodies. Press Left Softkey on the selected preset melody to display the Options menu. Highlight Composer and press Left Softkey to display Composed melody screen. You will have the options to compose one main track and three sub tracks in each preset melody.

You can compose your own melodies (maximum of five) using the following keys in each track:

- Number keys 1 to 7: Represent notes C, D, E, F, G, A, B in this order.
- ▲ and ▼ navigation keys: To move the keyed melody one note up or down.
- *key: Increase/Decrease length of notes/rests.
- Number key 9: Adds a dot.
- Number key 0: Represents rest note.
- # key: Raises/lowers the note by a semitone.
- After composing, press Left Softkey to select one of these available options: Play/Tempo/Instrument/Save.
- Press s key to exit the composed melody and press Left Softkey to select Composer again to edit other tracks.

Voice memo

The Voice memo function allows you to record sound/voice (at the lowest data rate) using your phone's microphone. You can also send the Voice memo as an MMS attachment.

From the main menu, select Accessory > Voice memo.

Record

- · Select Record. A message shows: Please start recording.
- Press Right Softkey to start recording. To pause, press Right Softkey.
- Press Left Softkey to stop the recording.
- To play and listen to the recording, press Right Softkey.
- To save the recording, press Left Softkey, edit the title if necessary, and press Left Softkey.

Play

- · Selects Play to display the list of the recorded voice files.
- Use ▲ and ▼ navigation keys to select the files from the list.

Data rate

- · Select Data rate to display Data rate display screen.
- Highlight a desired value (the smaller the value, the longer the recording time allowed) for the data rate and press *Left Softkey* to confirm and turn on the radio button.

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