



BenQ S830C

Mobile Phone User's Manual

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SAFETY INFORMATION

For your safety, please read the guidelines below carefully before you use your phone:

Exposure to Radio Frequency Signals

Max. SAR measurement: GSM900:1.35 mW/g; DCS1800:0.425 mW/g.

Your wireless handheld portable telephone is a low power transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

European and international agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektringenieure (VDE) DIN- 0848
- Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95.1- 1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers and physicians from universities, government health agencies and industry reviewed the available body of research to develop the updated ANSI Standard.

The design of your phone complies with these standards when used normally.

Antenna Care

Use only the supplied or approved replacement antenna. Unauthorized antennas, modifications or attachments may damage the phone and violate FCC regulations.

Phone Operation

Normal Position: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at higher power level than otherwise needed.

Batteries

All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The material may complete electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects. When battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving--driving safety is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should **ALWAYS** keep the phone more than six inches from their pacemaker when the phone is turned **ON**.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.

If you have any reason to suspect that the interference is taking place, turn your phone **OFF** immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone **OFF** in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone **OFF** in any facility where posted notice so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch **OFF** your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone **OFF** when in a “blasting area” or in area posted “TURN OFF TWO-WAY RADIO.” Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone **OFF** and do not remove the battery when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks, from your battery, in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

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

TABLE OF CONTENTS

SAFETY INFORMATION	I
1. PREPARING YOUR PHONE FOR USE.....	1
Inserting your SIM card	1
Fitting and charging your battery	2
Turning on your phone	3
2. GETTING TO KNOW YOUR PHONE.....	5
Your phone at a glance	5
Active flip	7
Idle display	8
External display	8
Main display	9
Icons in the status bar	10
Display backlight	11
Using the keys	12
Functional keys.....	12
Alphanumeric keys.....	20
Menu Navigation	22
Entering the main menu	22
Main menu layout.....	22
Navigating the main menu	23
Submenu layout	24
Navigating the submenus.....	24
Menu navigation examples	25
3. USING YOUR PHONE	29

Making a phone call.....	29
Ending a phone call	29
Answering a phone call.....	30
Rejecting an incoming call	31
Redialing the last number.....	31
Making an international call	31
Making an emergency call	31
Dialing an extension number	32
Speed dialing	32
Listening to a voicemail	33
Your phone book	35
Saving new contacts to your phone book	35
Finding contacts in the phone book.....	37
Last missed, dialed, and received calls	38
Using the location number.....	39
Operations during a call	40
Adjusting the earpiece volume	40
Accessing your phone book	40
Accessing the last dialed/received calls.....	40
Putting a call on hold *	40
Making a second call *	40
Switching between two calls *	41
Incoming call waiting *	41
In-call menu	42
Key lock	44
External key lock	44
Internal keypad lock.....	44
The silent profile	45

Quick Access	46
4. INPUT MODES	48
Changing the text input mode	48
iTAP	49
ABC.....	51
SYM	52
123	52
Message templates and EMS objects.....	53
5. MOBILE INTERNET	55
Logging on to the Internet.....	55
Surfing the Internet	55
Logging off the Internet.....	56
Using the browser menu	56
URL speed input	61
6. MENUS	63
Phone Book.....	63
Find Record	63
Add Name.....	63
Caller Group	63
Delete	65
By Name.....	65
By Group.....	65
All SIM Record	65
All Phone Record.....	65
Copy Record	65
SIM to Phone.....	66

Phone to SIM.....	67
Phone Information.....	67
Used Space	67
Memory.....	67
Own Number.....	68
Speed Dial	69
Black/White List	70
Black List.....	70
White List.....	70
Settings.....	70
Message.....	71
Messages.....	71
Create Message	71
Unread Message.....	71
Inbox	76
Outbox	76
SMS Chat	77
Message Settings	79
Cell Broadcast	80
MMS.....	84
Voice Mail.....	91
Entertainment	95
Games.....	95
Last Gunner	96
Champion Soccer	98
JAVA	100
Digital Camera.....	102
Album	103
Melody Manager	104
Melody Composer.....	104
Melody Play	109
SyncML	110

Organizer	111
Calendar	111
Alarm Setting	116
Schedule Power	118
Hour Minder	118
Stopwatch	119
Auto Time Zone	120
Calculator	121
World Clock	122
Oper. Service	123
WAP	123
Activate	123
WAP Settings	124
Connect Settings	125
STK	126
Call Record	126
Missed Calls	126
Received Calls	126
Dialled Numbers	127
Clear Call List	127
Call Display	127
Show Call Timer	127
Show Call Cost	127
Call Information	128
Last call	128
All calls	128
Received	129
Dialled	129
Cost units	129
Max cost	129
Personalization	130

Profile	130
Select Profile	130
Edit Normal/Meeting/Outdoor/Silent/Car Profile.....	131
Language	132
Default Input	132
Display	133
Color Design	133
Contrast Level	133
Menu Style	133
Backlight Period	133
Backlight Timer	133
Backlight Level.....	134
Animation	135
Power On	135
Power Off.....	135
Screen Saver	135
Sub LCD	135
Main LCD	136
Wallpaper.....	138
Quick Access.....	139
Phone Settings.....	141
Call Settings	141
Call Waiting	141
Show Your Number	141
Minute Minder	141
Call Divert.....	142
Connected Alert.....	143
Answer Mode.....	143
Network Settings	144
Automatic	144
Manual	144
Security Settings	145
Set PIN1	145

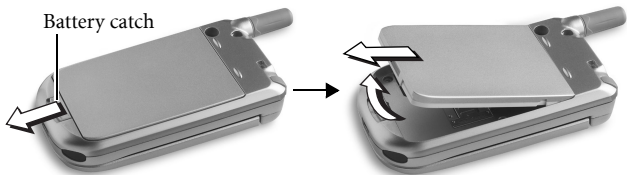
Handset Lock	146
Change Network Password	146
Network Call Barring	146
Fixed Dialling	148
MEP SIM Lock	149
Clock Settings	150
Set Time	150
Time Format	150
Set Date	150
Date Format	150
Display Options	150
Auto Redial	151
Reset Settings	151
7. CARE AND MAINTENANCE	152
8. WHAT TO DO IF	153
9. APPENDIX	156



PREPARING YOUR PHONE FOR USE

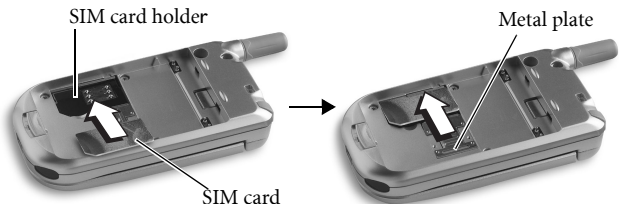
Inserting your SIM card

1. Hold your phone face down, and pull the battery catch backwards to release the battery. Lift the battery off the phone.



Do not remove the battery when your phone is on: you could lose all your personal settings stored either in your SIM card or in the phone memory.

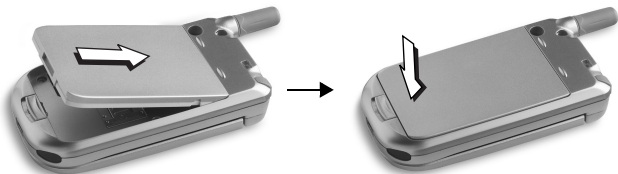
2. Place the SIM card into the SIM card holder with the gold contacts facing downwards, and the cut corner at the bottom right. Slide the metal plate across to secure the SIM card in place.



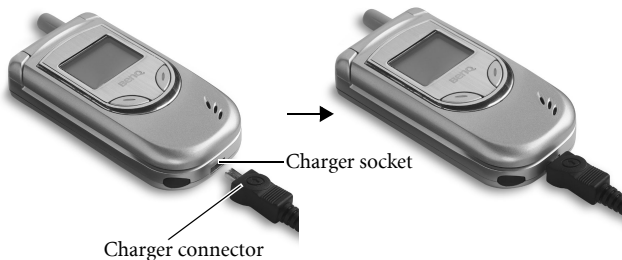
Scratches can easily damage the gold contacts of the SIM card. Take care when handling and inserting the SIM card.

Fitting and charging your battery

1. Place the battery on the phone, with the battery's contacts facing downwards, and the teeth on the top edge of the battery in alignment with the holes in the phone. Push the battery against the top of the phone to insert the teeth into the holes, then press the battery down gently to click it back into place.



2. Insert the travel charger connector into the charger socket at the bottom of your phone. Make sure insert the connector with the arrow sign on the top.




3. Plug the charger into a mains outlet.

4. After your phone is fully charged, disconnect the charger from the mains outlet and your phone.



- It takes 4 hours for the travel charger to fully charge a new battery.

- During charging,  on the LCD will blink until the battery

is fully charged.




appears in the middle of the screen

if the battery is being charged when powered off. When the battery is low, you will hear a warning tone, and Battery Low will appear on the screen. When the battery is running out of power, Battery Empty will appear to remind you to recharge immediately. Your phone will then power off automatically.









You should never remove the battery from your phone while it is being charged.

Turning on your phone

1. Open your phone's flip.
2. Long press  to turn your phone on. The greeting animation will show on the screen.



You can set which greeting animation to see when turning on the phone. To do so, go to the menu: Personalization → Animation → Power On. See page 135.

3. When prompted, enter your PIN. If you type a wrong digit while entering your PIN, press  or  (**Clear**) to delete. Long pressing  or  (**Clear**) deletes all digits entered. When you are done entering your PIN, press  or  (**OK**) to confirm.



To disable the PIN check, go to menu: Phone Settings → Security Settings → Set PIN1. See page 145.

4. Once your PIN is accepted, the phone goes to idle screen. On the top of the main screen you will see **Searching for network**. It may take a few seconds for the phone to pick up the network signal. After receiving the network signal successfully, **Searching for network** will be replaced by the name of the network you connect to. Now your phone is ready for use.



If network service is not available, no signal level will show on the screen.



If you are connected to a network you do not have access to, you will still see the signal strength, but you can only make emergency calls.

2 GETTING TO KNOW YOUR PHONE

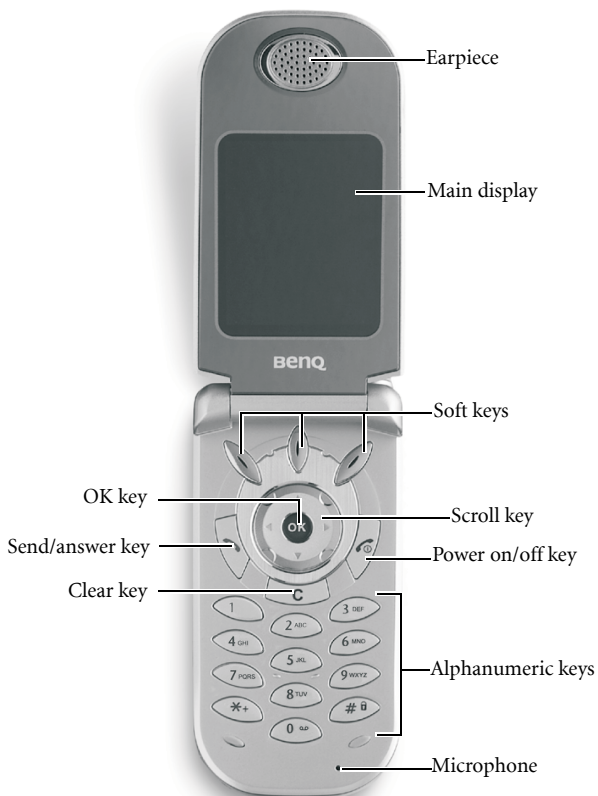
Your phone at a glance

The following illustrations show the major elements of your phone.

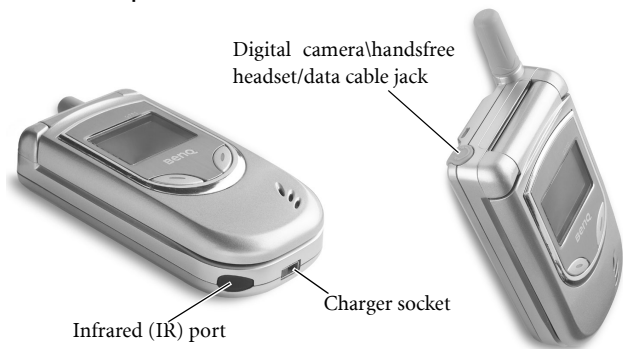
Front view 1



Front view 2



Bottom and top views



Active flip

The active flip has the following scenarios when your phone is powered on:

- Opening the flip turns on the idle main display, and turns off the idle external display; closing the flip wakes up the idle external display and turns off the idle main display.
- Opening the flip answers an incoming call, and closing it ends/rejects a call.

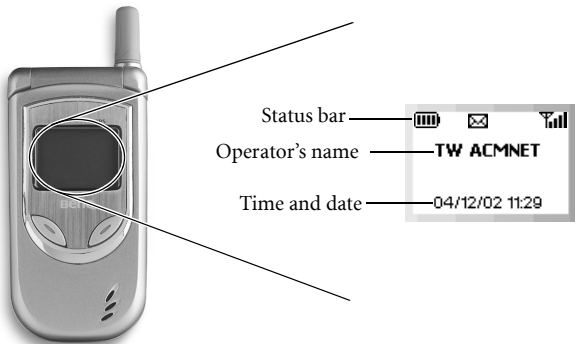


To activate/de-activate the feature of answering/disconnecting calls by opening/closing the flip. Go to menu: Phone Settings → Call Settings → Answer Mode → Flip Open. See page 143.

Idle display

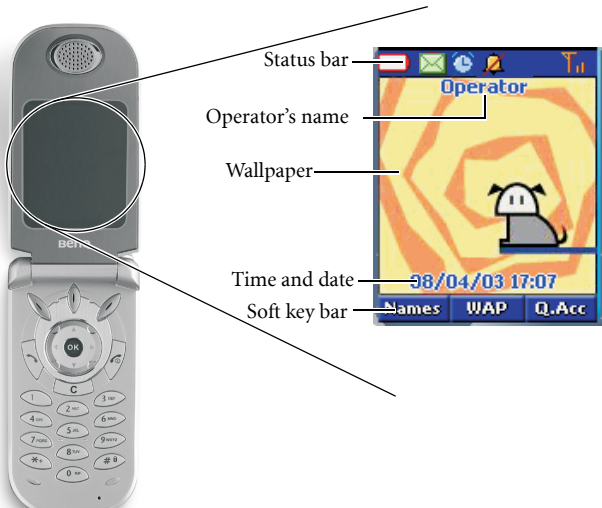
External display

Your phone has an external display showing signal strength, battery power, present time and date, as well as the name of the network operator you are connected to. It also alerts you to incoming calls, messages, and missed calls.



- When your phone alerts you to incoming calls or messages, the commands you can perform using the external soft keys will appear at the bottom of the external display.
- To set the current time and date and decide how they are shown on the external display, go to menu: Phone Settings → Clock Settings. See page 150.
- You can choose the screen saver to be displayed on the idle external display. Go to menu: Personalization→Screen Saver→Sub LCD. See page 135.












Main display




- To choose the wallpaper to be displayed on the idle main display. Go to menu: Personalization → Wallpaper. See page 138.
- To set the current time and date and decide how they are shown on the idle main display, go to menu: Phone Settings → Clock Settings. See page 150.
- You can set your name to be shown on the main display. Go to menu: Phone Book → Phone Information → Own Number. See page 68.
- You can select the screen saver to be displayed on the idle main display. Go to the menu: Personalization → Screen Saver → Main LCD. See page 136.

Icons in the status bar

Icons often shown on the status bar of the idle displays:

Icon	Function	Description
	Signal strength	Signal strength of the network. The more the bars displayed, the stronger the signal.
	GPRS network	You are connected to GPRS network.
	Short message	Receiving a short text message or having unread messages.
	Incoming call diverted	You will see this icon when you turn on the Call Divert feature. (see page 142).
	Ringing off	<ul style="list-style-type: none">• You will see this icon when you mute current ring tone in menu: Personalization → Profile.• If you long press  to activate the Silent Profile from the idle display, this icon will appear at the top. See page 45.
	Battery status	Battery power level: the more the bars, the more the battery power. Four bars: full. No bars: Recharging immediately. The icon scrolls during charging until the battery is full.
	Alarm clock	The alarm clock is on. To set the alarm, go to menu: Organizer → Alarm Setting . See page 116.
	During a call	You are on a phone call.
	Keypad lock	The keypad lock is activated. For how to activate the keypad lock, see page 44.
	External key lock	The external key lock is activated. For how to activate the keypad lock, see page 44.

Icon	Function	Description
	Roaming	When your phone is connected to a foreign network, this icon will appear.

Display backlight

Pressing any key turns on the backlight after your phone is powered on. To adjust various backlight settings, go to the menu: **Personalization** → **Display**. See page 133.

Using the keys



In this user guide, “long press” means “pressing and holding a key for about 2 seconds,” while “press” means “pressing and releasing a key immediately.”



The lists below are intended to introduce the most commonly used functions of each key. Refer to related sections of this user's manual for information on other key commands.

Functional keys


External soft keys


The external soft keys let you perform basic functions without having to open up your phone's flip, such as rejecting incoming calls, reading new messages, checking out missed calls, etc.

External soft keys





From the idle display

Key	Commands and functions
	Left external soft key <ul style="list-style-type: none">• Press to display the calendar with the current date highlighted. On the calendar press the key the to show the next month; long press the key to show the previous month.• Long press to activate/de-activate the silent profile.

Key	Commands and functions
	Right external soft key <ul style="list-style-type: none"> • Long press to lock/unlock the external soft keys. • To unlock the external soft keys, press either of the external soft keys and then long press the right soft key. • Press to close the calendar and return to idle screen.

When your phone alerts you to various things, like incoming calls, new messages, missed calls, etc.

Key	Commands and functions
	Left external soft key <ul style="list-style-type: none"> • Executes the commands shown at the bottom left of the display.
	Right external soft key <ul style="list-style-type: none"> • Executes the commands shown at the bottom right of the display.

Main keypad







The keys on the main keypad control how you use a great variety of your phone's features.





Your phone beeps with key presses on the keypad. To activate/deactivate the keypad tone, go to menu: Personalization → Profile, select the activated profile to edit and choose Keypad Tone. See page 131.







From the idle display




Key	Commands and functions
	Power on/off key <ul style="list-style-type: none">• Long press to switch your phone on/off.• Press to reject incoming calls/cancel a call to be dialed.
	Send/answer key <ul style="list-style-type: none">• Press to send or answer a call.• Long press and your phone will automatically call the number last dialed.• Press to access the list of last missed/dialed/received calls.
	OK key <ul style="list-style-type: none">• Press to open up the main menu showing the first main menu item.
	Clear key <ul style="list-style-type: none">• Press to delete digits entered one by one; long press to delete all digits entered and return to the idle display.
	Left soft key <ul style="list-style-type: none">• Press to access your phone book (as Names shows).• Press to save the phone number keyed in from the idle display to your phone book. (as Save shows).

Key	Commands and functions
	<p>Right soft key</p> <ul style="list-style-type: none"> • Press to access the Quick Access menu (as Q.Acc shows). • Press to delete digits entered one by one, long press to delete all digits entered. (as Clear shows). • Long press to activate/de-activate the Silent Profile settings.
	<p>Center soft key</p> <ul style="list-style-type: none"> • Press to start WAP browser (as WAP shows). • When you key in numbers from the idle display, this key functions as the .COM key. See page 55 for details.
	<p>Scroll key</p> <ul style="list-style-type: none"> • Press to open up the main menu showing the first main menu item.
	<p>Asterisk key</p> <ul style="list-style-type: none"> • Press to enter “*”. • Dialing an international call: long press until “+” is displayed, and enter the recipient's national code, area code and phone number. • When the keypad lock is activated, press  (Unlock) and then this key to unlock the keypad.
	<p>Voicemail key</p> <ul style="list-style-type: none"> • Press to enter “0” • Long press to dial your voicemail box number.





Key	Commands and functions
	Lock key <ul style="list-style-type: none"> • Press to enter “#”. • Long press to initiate the keypad lock. • Extension: After entering a phone number, long press to enter “P”, then enter the extension.
	Alphanumeric keys <ul style="list-style-type: none"> • Press to enter phone number digits. • Personalized speed dial key: Long press to dial the phone number the key represents.







In the menus

Key	Commands and functions
	Power on/off key <ul style="list-style-type: none"> • Press to return to the previous menu or display. • Long press to switch your phone off.
	Send/answer key <ul style="list-style-type: none"> • In the phone book press to dial the first/highlighted number of a selected contact.
	OK key <ul style="list-style-type: none"> • Press to select the highlighted option/ activate the desired feature.
	Clear key <ul style="list-style-type: none"> • Press to leave an option or abort a selection/operation and return to the previous menu or display.
	Left soft key <ul style="list-style-type: none"> • Executes various commands shown at the bottom left of the display.
	Right soft key <ul style="list-style-type: none"> • Executes various commands shown at the bottom right of the display.





Key	Commands and functions
	Middle soft key <ul style="list-style-type: none"> Executes various commands displayed at the bottom center of the display.
	Scroll key <ul style="list-style-type: none"> Press to move around the menus and options.
	Alphanumeric keys <ul style="list-style-type: none"> Press the key to highlight the desired option whose position in the menu matches the number the key represents. Long press the key to access the desired option whose position matches the number the key represents. When viewing your phone book, press the number key that matches the first letter of the desired contact's name the appropriate number of times to highlight the contact.







During a call

Key	Commands and functions
	Power on/off key <ul style="list-style-type: none"> Press to end a call. Press to return to the previous menu level while moving around the in-call options. Long press to switch your phone off.
	Send/answer key <ul style="list-style-type: none"> Press to hold an active call/resume a held call. Press to switch between active and held calls.
	OK key <ul style="list-style-type: none"> Press to select the desired in-call menu option.
	Clear key <ul style="list-style-type: none"> Press to return to the previous menu level while moving around the in-call options.

Key	Commands and functions
	Left soft key <ul style="list-style-type: none"> • Press to enter the in-call menu (as Options shows). • Press to perform various commands displayed at the bottom left of the display.
	Right soft key <ul style="list-style-type: none"> • Press to access your phone book (as Names shows). • Press to perform various commands displayed at the bottom right of the display.
	Scroll key <ul style="list-style-type: none"> • Press  to access the list of the last received calls; press  to access the last dialed calls. • Press  to adjust the earpiece volume.

Input mode













Key	Commands and functions
	Power on/off key <ul style="list-style-type: none"> • Press to abort input and data entered and return to the previous menu or display. • Long press to switch your phone off.
	Left soft key <ul style="list-style-type: none"> • When editing a message, press to choose to add icons, animations, ring tones or Quick Message templates.
	OK key <ul style="list-style-type: none"> • Press to confirm text/data entered.
	Clear key <ul style="list-style-type: none"> • Press to clear one digit/character; long press to clear all digits/characters and return to the previous menu or display (as Clear shows).

Key	Commands and functions
	<p>Scroll key</p> <ul style="list-style-type: none"> • Press  to move the cursor up and down. • Press  to move the cursor forward and backward.
	<p>Middle soft key</p> <ul style="list-style-type: none"> • Press to change the input mode.
	<p>Lock key</p> <ul style="list-style-type: none"> • Press to change the input mode. • Long press to enter “#”.
	<p>Zero key</p> <ul style="list-style-type: none"> • In iTAP and ABC modes, press to shift between upper case and lower case. • Long press to enter a space between characters.

Alphanumeric keys







Following is a list of the alphanumeric keys and their corresponding characters and symbols in the idle mode and ABC input:







<In idle mode>

Key	Number	Key	Number/Symbol/Function
	1		7
	2		8
	3		9
	4		0
	5		* + (long press)
	6		# P (long press after entering a phone number)

<ABC Input>


Press each of the following keys the appropriate number of times to get the character you want.

Key	Characters
	. , ; / - _ @ & ? ` ! ' "
	A B C a b c A" Å Æ ç à ä å æ b
	D E F d e f É Ê Ë é
	G H I g h i ì
	J K L j k l
	M N O m n o Ñ ñ õ ö Ø ø



Key	Characters
	P Q R S p q r s
	T U V t u v ù ü
	W X Y Z w x y z
	(Press to switch between uppercase and lowercase; long press to enter a space.)
	* + / () < = > % £ \$ ¥ □ @ & §
	# (Long press)

Menu Navigation

A wide range of your phone's features are arranged in menus and submenus, using a common approach for selection, change and cancellation.

 For details of the usage of each menu item, please refer to "Menus" on page 63.

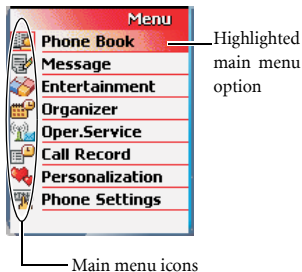
Entering the main menu

To enter the main menu, first you must open the flip to show the idle main display. Press  or  to open the main menu, and the phone will highlight the first item, **Phone Book**, in the main menu.

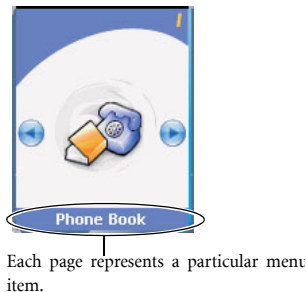
Main menu layout

The main menu has two different modes--list mode and icon mode--and is made up of eight options, each with their own set of sub-menus.

List mode









Icon mode



You can determine whether the main menu is displayed in the icon mode or list mode. Go to the menu: Personalization → Display → Menu Style. See page 133.



Navigating the main menu

In the icon mode



1. Press  to scroll to the main menu page you want:
 - Press  or  to scroll pages forward: 1→2→3→4→5→6→7→8....
 - Press  or  to scroll pages backwards: 1→8→7→6→5→4→3→2....
2. Press  to access the desired menu.


In the list mode


General access




1. Press  to move up and down the main menu and highlight the desired menu item.
2. Press  to enter the highlighted item's menu.

Using the number shortcut

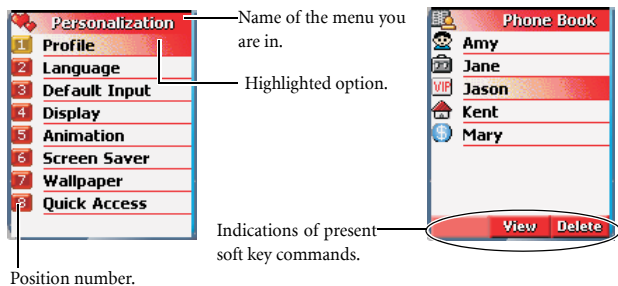
To save time you can access the main menu items using the number keys  ~ , which point to the items from top to bottom respectively. There are two ways to get to the desired item using the number keys:

- Press the number key that points to the desired item's position in the main menu to highlight the item, and then press  to access the item.
- Long press the number key that points to the desired item's position to access the item directly.

 **The number shortcut is not applicable to the main menu displayed in the icon mode.**

 **To to return to the idle display from the main menu, simply press**  **or** .

Submenu layout



Navigating the submenus

General access

1. Press to move up and down the menu to highlight the desired option.
2. Press to access/select the highlighted option.
3. If the option you have selected contains submenus, repeat the same steps as above.

Using the number shortcut

Every menu option has a number shortcut that directly relates to the position of the option within your phone's menu structure. You can do either of the following to get to the desired option using the number shortcut:



- Press the number key that points to the option's position in the menu to highlight the option. Press to access/select the option.
- Long press the number key that points to the desired option's position to access/select the option directly.

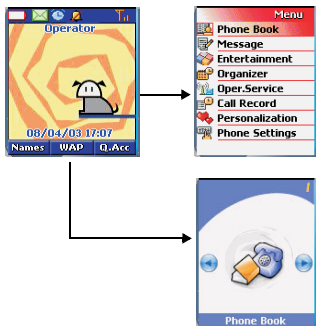
To return to the previous menu or display, press **or** .




Menu navigation examples

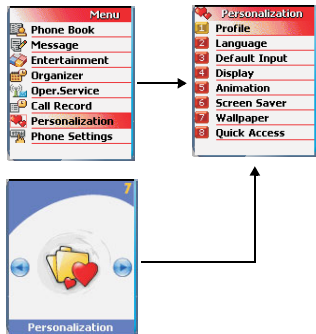
The steps below demonstrate how to change the language setting using the menus.



General access:

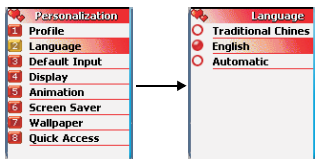
1. Press  or  to open the main menu from the idle display.





2. In the main menu, press  to scroll to the **Personalization** page if in the icon mode; press  to highlight the **Personalization** option if in the list mode. Press  to access its menu.





3. In the **Personalization** menu, press  to scroll to the **Language** option and press  to display the available languages.




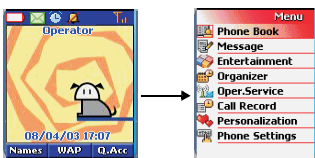
4. Scroll and choose the language you want and press  to confirm your choice. For example, scroll to **Traditional Chinese** and press . The display automatically returns to the **Personalization** menu displayed in Traditional Chinese.



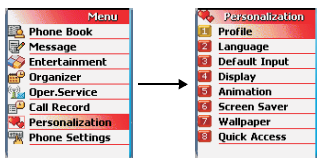
Using the number shortcut

1. Press  or  to open up the main menu from the idle display.

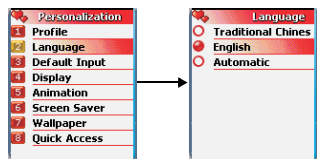
 The number shortcut is not applicable to the main menu displayed in the icon mode.



2. In the main menu, press **7 FOLD** to highlight **Personalization** and press **OK** to access its menu. Alternatively, you can long press **7 FOLD** to access the **Personalization** menu directly.











3. In the **Personalization** menu, press **2 ABC** to scroll to the **Language** and press **OK** to display the available languages, or simply long press **2 ABC** to access the available languages.



4. Scroll and choose the language you want and press **OK** to confirm your choice. For example, scroll to **Traditional Chinese** and press **OK**. The display automatically returns to the **Personalization** menu displayed in Traditional Chinese.






Main menu map

Select...	To enter...	Select...	To enter...
	Phone Book 1 Find Record 2 Add Name 3 Caller Group 4 Delete 5 Copy Record 6 Phone Informatio 7 Speed Dial 8 Black/White List		Oper.Service 1 Wap 2 Connect Settings
	Message 1 Messages 2 MMS 3 Voice Mail		Call Record 1 Missed Calls 2 Received Calls 3 Dialed Numbers 4 Clear Call List 5 Time/Cost Display 6 Call Information
	Entertainment 1 Games 2 JAVA 3 Digital Camera 4 Album 5 Melody Manager 6 SyncML		Personalization 1 Profile 2 Language 3 Default Input 4 Display 5 Animation 6 Screen Saver 7 Wallpaper 8 Quick Access
	Organizer 1 Calendar 2 Alarm Setting 3 Schedule Power 4 Hour Minder 5 Stopwatch 6 Auto Time Zone 7 Calculator 8 World Clock		Phone Settings 1 Call Settings 2 Network Settings 3 Security Settings 4 Clock Settings 5 Auto Redial 6 Reset Settings







3 USING YOUR PHONE

Making a phone call


To make a call using your phone, open up the flip and check your phone is powered on showing the idle display. Dial the desired number using the alphanumeric keys  ~ . Press  to send your call.



During a call, you can use the in-call menu options described on page 42.

To delete a wrong digit, press  to move the cursor to the right of the digit and press  or  (Clear) once. To remove all the digits you entered, long press  or  (Clear), or simply press  to return to the idle display.


Ending a phone call

Press  or close the flip to hang up an active call. The display shows the total call time as well as the number or phone book name of the person you just spoke with, and returns to the idle mode.



The display will show the phone book name of the person you spoke with only if he or she is a contact stored in your phone book.



If you have more than one call on the phone (for example, one active and one on hold), pressing  or closing the flip.



To drop a call after dialing, press  or  (END), or simply close the flip.

Answering a phone call

When a call arrives, your phone rings or vibrates with the display displaying the caller's number or name (Network support dependent). The name is displayed according to the data in your phone book.




- If the caller is a member of a particular caller group, the display will show the group's default image to help you identify the caller.
- If you have assigned an image/photo to a contact in your phone book as her visual caller ID, the display will show the contact's image/photo when she calls you.

For how to attach images to contacts in your phone book to create a visual caller ID, see "Your phone book" on page 35.

Depending on whether your phone's flip is open or closed, you can do one of the following to answer the call:



- If the flip is closed you can open up the flip to answer the incoming call.



When your phone receives a call with its flip closed, you can press  (Mute) to mute the ring tone.



Opening the flip won't answer a call if the active flip feature is disabled. To disable the active flip feature, go to the menu: Phone Settings → Call Settings → Answer Mode, and select Any Key or Send Key.





- If the flip is open press  to answer. Alternatively, you can press  (Options), and select **Answer** to connect the call.




You can change the answering mode to pressing any to answer an incoming call. Go to the menu: Phone Settings → Call Settings → Answer Mode → Any key. See page 143.

Rejecting an incoming call



If you receive an incoming call you do not want to answer and you are not in another call, you can do one of the following:

- If the flip is closed you can press the right external soft key  (**Reject**) to reject the call.
- If the flip is open, simply press  to reject the call, or press  (**End**) to have the call diverted to your voice mailbox. Alternatively, you can press  (**Options**) and select **Reject** to reject the call or select **I am busy** to have the call diverted to your voicemail box.


Redialing the last number

Long press  and the number you last dialed will be dialed again automatically. This feature allows you to call the last number you dialed without keying in the whole number again.



Making an international call

1. Enter the outgoing international code, or long press  until “+” is displayed.
2. Enter the recipient's national code, area code and phone number. Send out your call by pressing .

Making an emergency call

To call the emergency services, enter 112 (the international emergency number) and press  to make the call. You can make an emergency call even if your phone is locked or cannot register with a network, or there is no SIM card inserted, so long as you are within the coverage of the type of network used by your phone.

Dialing an extension number

After you enter the telephone number, long press  for a second and “P” will display on the display. Enter the extension number and press  to make the call.

Speed dialing



You must set up a number key as the speed dial key of a phone number. To do so please go to the menu: Phone → Phone book → Speed dial. See page 69.

When you have chosen a speed dial key for a number saved in the phone book, you can long press the key from the idle display and your phone will automatically dial the number that the key represents. For example, if



has been chosen as a speed dial key for a phone number, long press



to dial that number.



Listening to a voicemail

When your voicemail box receives a voicemail, your operator gives you a call or sends you an SMS alert (i.e. a text message) to remind you of the waiting voicemail.




You can ask your operator to alert you to a waiting voicemail either by a telephone call or by a text message. Please go to menu: Message → Voice Mail → Voicemail Settings. However, some operators do not allow users to choose how to be alerted.

Depending on how you are alerted, you can respond to the waiting voicemail in one of the following scenarios:






1. If your operator sends you an SMS alert to inform you of a waiting voicemail, and the text of the SMS alert sent by your operator matches the text of the SMS alert previously stored in your phone--this is called **Alert Match**--your phone will recognize this SMS alert as a reminder of a new voicemail and the voicemail icon () will appear on the display. To listen to the voicemail, simply press  and your phone will automatically dial the voicemail box number for you.



The rationale of the Alert Match feature is that, once you've got an SMS alert from your operator saying that you have a waiting voicemail, you can press  directly to listen to the voicemail, instead of having to return to the idle display to dial your voicemail box number digit by digit.




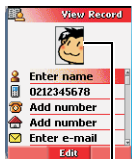
To successfully use the Alert Match feature, you must save your operator's SMS alert in advance. Please do so in the menu option: Messages → Voice Mail → Voicemail Settings → Alert Match.

2. If the text of the operator's SMS alert does not match the text of the SMS alert stored in the **Alert Match** option, or if your operator calls to inform you of a new voicemail, you can call your voicemail box simply by long pressing  from the idle display to listen to the voice mail. Alternatively, you can go to the menu: **Message** → **Voice Mail** → **Get Voicemail** to make a voicemail call.
 3. You can also set up a number key other than  as the speed dial key for your voicemail box number. Then you can long press this number key from the idle display to call your voicemail box. For how to set up a speed dial key, see "Speed Dial" on page 69.
-  **You cannot call your voicemail box by long pressing  from the idle display if the box number is not stored in your SIM card or phone memory. In general your operator will save the box number into your SIM card before they deliver the card to you. So you can long press  to dial your voicemail box number without having to save the number first. However, if there is no box number previously stored in your SIM card, you will have to save the box number on your own. To save or change your voicemail box number, go to the menu: **Message** → **Voice Mail** → **Voicemail Settings** → **Box Numbers**.**



Your phone book

Saving new contacts to your phone book

1. From the idle display, enter the phone number you want to save and press  (**Save**). The display where you edit the new contact's details will appear.



The contact's image

2. Press  (**Edit**) and then press  to scroll and edit the contact's details.



Scroll the text box to the item you want to edit and enter data directly in the text box.

The text input mode you are in

3. Enter the contact's details as follows:



The contact's name.



The contact's mobile phone number.




The contact's office phone number.



The contact's home number.






The contact's e-mail address.


Select a caller group for the contact. When this item is highlighted, press  to choose the caller group.




When the contact's call arrives--and no image/photo is set for the contact as her visual caller ID--the display will show the default image of the contact's caller group.

Assign an image/photo to the contact to create a visual caller ID for the contact's incoming calls. When this item is highlighted press  (**Set**). Scroll to the image/photo you want and press  (**preview**) to view the image/photo. Press  and the




contact's default image  will be replaced by the selected image/photo.

When the contact's call comes in, the display will show the selected image/photo.

 **All of the available images are store in the Album option. See details on page 103.**



You can jot down the notes about the contact.

4. Finally you must press  in order to save the contact to your phone book.




If you don't want to save the contact to your phone book, press  or  twice to abort.

















You can also add new phone book contacts by choosing the menu: Phone Book → Add Name.


Finding contacts in the phone book




From the idle display press  (**Names**) and the display will display the names of the contacts stored in your phone book.

You can find the contact you want in two ways:







- Use  to scroll through the names (listed in alphabetical order) until the one you want is highlighted.
- Press the number key that matches the first letter of the name you want the appropriate number of times. For instance, if the name starts with “K” press  twice for “K”. The names starting with “K” will appear with the first one highlighted. Press  to scroll to the name you want. When the desired contact’s name is highlighted, you can do one of the following:
 - Press  to dial the first phone number saved under the contact.
 - Press  (**Delete**) then  to erase the contact’s data from your phone book.
 - Press  (**View**) to view the contact’s details. When the contact’s phone book details are displayed, you can do the following:
 - Scroll to highlight the number you want and press  to dial the number.
 -  **While viewing a contact’s details, you can press  to view the details of the next/previous contact.**
 -   **appears on the left of the contact’s name if the contact is stored in your SIM card’s memory;  appears if the contact is stored in your phone’s memory.**
- Press  (**Edit**) and then revise the contact’s details in the same way as described on page 35.





When you have finished editing the details of the selected contact you must press  twice to save all of the changes you made.


 If you don't want to save the modified record, press  or  twice to abort.


Last missed, dialed, and received calls

There are two scenarios in which you can review the most recently missed, answered and dialed phone numbers as well as the time and date information associated with the calls:



1. If for any reason incoming calls were not answered, a missed call message along with the number of calls will appear to remind you. Press  and the most recently missed calls are displayed first. Press  to highlight the missed call you want.
2. In idle mode, you can press  to access the list of last missed/dialed/received calls. Press  to scroll through the list and highlight the call you want.



  is displayed next to a missed call,  next to a dialed call and  next to a received call.

 If the number of a missed/dialed/received call has already been saved to your phone book under a contact's name, the display will show the contact's name followed by the number.

 "No number" will appear if the operator cannot display missed/dialed/received calls' numbers.

When a missed/dialed/received call is highlighted, you can do the following:

- Press  to redial the phone number of the call.
- Press  (View) to display the number as well as time and date information of the highlighted call. (If the number is already stored under a phone book contact, the contact's name will be displayed as well.)


- Press  (**Edit**) and save the number to your phone book in the same way as described on page 35.
- Press  (**Delete**) to delete the phone number.

Using the location number





What is a location number?




The location number of a telephone number stored in your phone book points to the location where the number is saved in your SIM card or phone memory.

If you want to find a phone book number from the idle display, you can enter the phone number's location number and press . The desired number and the contact under whom the number is stored are then displayed.

For example if you want to access a number that is stored in location 5.

Press  and then  to display the desired number.




As the number and contact name show up, you can do the following:

- Press  to dial the number
- Press  and you will have the options below. Scroll to the one you want and press  to select it:
 - **Delete:** Selecting this option deletes the phone number.
 - **Add to speed:** You can select a number key to serve as the speed dial key for the number.




Operations during a call

 The following options marked * are network support and subscription dependent.



Adjusting the earpiece volume

During a call you can press  to adjust the earpiece volume. When done, press  or  (Exit) to return to the in-call display.



Accessing your phone book


When you are on a phone call you can press  (Names) to access your phone book. For details on the phone book feature, see page 35. To exit from your phone book press  or .

Accessing the last dialed/received calls


When you are on a phone call, you can press  for the list of last received calls and press  for the list of last dialed calls. For details on how to handle dialed/received calls, see "Last missed, dialed, and received calls" on page 38.

Putting a call on hold *



You can place a call on hold by pressing  while a second call is to be made or answered. To make a call on hold active again, press , if you only have a held call.

These options are also available in the in-call menu which is accessed by pressing  (Options). See "In-call menu" on page 42.

Making a second call *

You can make a second call while you are already on another call. To do this, enter the second phone number and press . When the second call is made, the first call is automatically put on hold.







Switching between two calls *

To switch between two calls, press . To end one of the two calls, make the call you want to end active (i.e., not on hold), then press  (**Options**) to access the in-call menu and select **End Current**. When the active call ends, the call on hold will resume.







 **Pressing**  **will end all calls.**

Incoming call waiting *


If another call comes in while you are on the phone, a tone sounds in the earpiece, and the display shows a second call that is currently waiting. You can do the following to manage the waiting call and the call that is currently active:

- Put the active call on hold and answer the waiting call either by pressing , or by pressing  (**Options**) to access the in-call menu and then selecting **Answer**.
- End the active call and answer the waiting call by pressing  (**Options**) to access the in-call menu and then selecting **End & next**.
- Reject the waiting call either by pressing  (**End**), or by pressing  (**Options**) and selecting **Multiparty** → **Reject**. Alternatively, you can inform the caller that you are currently busy by pressing  (**Options**) and selecting **Multiparty** → **I am busy**, and your phone will give a 'busy' tone to the caller.



You can also manage active and waiting calls using the following keys:


- Press  and  to reject the waiting call.
- Press  and  to end the active call and answer the waiting call.
- Press  and  to hold the active call and answer the waiting call.

In-call menu

Your phone provides an in-call menu which is made up of a number of control functions that you can use during a call. By pressing  (**Options**) during a call the following in-call menu will be available. Press

 to scroll the menu and press  to access a highlighted option; press

 or  to leave a selected option and return to the previous menu.

 **The options marked "*" are network support and subscription dependent.**

Hold*

Places the currently active call on hold.



Retrieve*

When you have a call on hold, selecting this option will make the held call active again.

End current

Ends the currently active call.

Mute


Mutes the microphone so the person you are speaking with cannot hear your voice. **"Calls muted"** appears when this mode is on. To unmute the microphone, press  (**Options**) to enter the in-call menu again, scroll to highlight the **Unmute** option, and press .

DTMF On/Off

DTMF (Dual Tone Modulation Frequency) tones can be sent during a telephone conversation. They are the keypad tones which the microphone gives out as you dial another number during a call. Your phone sends DTMF tones to communicate with answering machines, pagers, computerized telephone services, etc.


Main Menu

By selecting this item you can access the **Phone Book** and **Message** menus during a call.

 **The Copy Record and Delete All options are not available in the Phone book menu which you access during a phone call.**

Multiparty*


The multiparty or conference services allow you to have a simultaneous conversation with more than one caller. The multiparty menu has the following options:

 **The maximum number of parties allowed during a multiparty (conference) call varies, depending on the network you choose.**

Join All

This function allows you to set up a multiparty call. You can connect a call on hold to the currently active call to form a multiparty call.




Once a multiparty call is set up, you can press  to scroll through the numbers of the callers who make up a multiparty call.

Hold All Calls

Puts a multiparty call on hold.

Private

To talk privately with one participant during a multiparty call, press  to display the number of the caller you wish to talk to on the display, then select this option to put all the other callers on hold.


Exclude

Places one selected caller (whose number is currently displayed on the display) of a multiparty call on hold.

End Current

During a multiparty call, you can end the call on one of the parties. The currently displayed caller of a multiparty call can be disconnected by selecting this option.

End All Calls




Pressing , or selecting this option will end all the active and held calls.

Transfer





This function allows you to end your own call and connect the active and held calls, so the callers of the active and held calls can speak with each other alone.

Key lock

External key lock


When your phone's flip is closed displaying the idle external display, long press the right external soft key  to lock the external soft keys.  appears as the external keys are locked. To unlock, press either of the external soft keys and long press the right external soft key  again.




Internal keypad lock


When your phone's flip is open showing the idle display, long press  to activate the keypad lock.  appears at the status bar as the keypad is locked. To unlock the keypad, press  (**Unlock**) and then .

The silent profile

There are 2 ways to activate the silent profile. Your phone only vibrates to alert you to an incoming call when the silent profile is activated.

1. When the flip is open, long press  to activate the silent profile.

When you long press  to activate the silent profile, the phone vibrates for two seconds with the prompt “Silent Profile activated” popping up on the display. After two seconds the display returns to idle with  shown on the status bar of the display. To deactivate the silent profile and return to the previous profile, long press .

2. When the flip is closed, long press left external soft key  to activate the silent profile. Long press  again to deactivate the silent profile.




The silent profile feature is very convenient for profile switch during a meeting.



To set up and choose profiles, please go to the menu: Personalization → Profiles. See page 130.


Quick Access





The **Q.Acc** (Quick Access) menu is a list of the most commonly used features from the various menus in your phone. You can use the Quick Access menu as a shortcut to take you straight to these features.






1. From the idle main display press  (**Q. Acc**) to display the Q.Access menu. The menu's default features are as follows:



No.	Option	Functionality
1	Alarm	Setting the alarm clock.
2	Backlight Level	Adjusting the backlight level.
3	Calculator	Using the Calculator feature.
4	Calendar	Using the Calendar feature.
5	Game	Access the Games menu to select a game you'd like to play.
6	Inbox	Reading incoming messages.
7	Java	Accessing the Java applications.
8	MMS	Accessing the MMS services.
9	New Message	Writing a new message.
10	Phone Book	Accessing the Phone Book menu.
11	Power Off Animation	Setting the power off animation.
12	Power On Animation	Setting the power on animation.

 **The default Q.Access menu may vary from market to market.**

2. Press  to scroll through the menu and press  to access a highlighted option. To exit from a Quick Access option or operation, press  or .

3. You can also use the alphanumeric keys  ~ , and  and  to choose the options. Each of these 12 keys matches a particular function. Use the keys in two ways:
- Press a key to highlight the matching option, and press  to access the option.
 - Long press a key to access the matching option directly.




You can build your own quick access list. Go to the menu: Personalization → Quick Access. See page 139.

4 INPUT MODES

You can select a text input method whenever you need to add or edit text, for example:


- Write short messages.
- Store names and numbers in your phone book.
- Jot down notes in the Calendar feature, etc.

 **For details on these features, see related sections of this user's manual.**



Changing the text input mode

Your phone provides different text input modes that you can use in combination or separately to enter text. Whenever the display displays a text box where you can enter text, you will see a soft key label at the bottom of the display showing the text input mode you are in.

There are 2 ways to change the text input mode:


1. Press the soft key that points to the input mode label the correct number of times until the label shows the mode you want.
2. Press  the correct number of times until the label shows the input mode you need.

For example, to change text input mode when you are writing a message,

press  or  repeatedly until the label at the bottom center shows the mode you want to use. Your phone is preset to enter your message using iTAP, which is your phone's predictive text input mode, and enter numbers using 123, which is a numeric mode to input numbers only.



You can set the default text input mode to the one you use most frequently. Go to the menu: Personalization→Default Input. See page 132.

Additionally, while editing a message, you can press  (**Insert**) to choose to add quick message templates or EMS objects to the message (see page "Message templates and EMS objects" on page 53).

 **The input mode options may vary from market to market.**





iTAP











iTAP is the predictive input system which analyzes letters as they are being typed to come up with the right words, making text entry quick and easy. iTAP is an efficient alternative to the traditional multi-tapping input, which requires you to press a key several times for an appropriate letter.

Features of iTAP

- Just one key press per letter; no multi-pressing for entering letters.
- Comprehensive word database including common names.
- Widely used punctuation and symbols included.








Instructions for using iTAP

- Press the alphanumeric key once that relates to the first letter of the word you want, without having to consider the order of the alphabets shown on the key. Press the key that relates to the second letter of the word and so on and so forth. Your phone then looks at the combination of letters you have entered, and predicts what your word is. The word that your phone predicts appears along the bottom left of the display. Accordingly, the word changes as you type letters--disregard what's on the display until you enter an entire word.
- If the word displayed is not the one you want when you have entered all the letters in the word, press  or  to scroll through the other word candidates until the one you want appears.
- If you want to lock some letters that you typed, press . Then the letters that you locked will not change as you enter other letters.
- Press  to shift among the following:

- Uppercase (as **ITAP** at the bottom center of the display indicates).
- Lowercase (as **itap** at the bottom center of the display indicates).
- Press  (**OK**) when the correct word is displayed at the bottom left. The word will then appear in the text box followed by a space. You can also long press  to enter a space for the next word to be entered.
- In the text, press  to move the cursor to the insertion point of the next/previous character. Press  to move the cursor up/down between lines of text.
- ✎ **If you only have one line of text, pressing  will move the cursor to the beginning/end of the line.**
- If you type a wrong letter, press  to move the cursor to the right of the letter and press  to delete it; long pressing  deletes all text.
- Press  to confirm text you have entered. Alternatively, while entering text you can press  to abort anytime and return to the previous page. All the text previously entered will then be lost.

Demo of iTAP

To enter “Come home.” on the message editor display:

1. Press  to access the message editor display. iTAP Input appears as the default text input mode.
2. Press   for the upper case “C”. Then press   for lower case “o” “m” “e”.
3. Press  to put “Come” in the text box.
4. A space automatically appears following the word “Come”.
Alternatively, you can also long press  to key in a space for the next word.

5. Press for “home”.
6. “good” isn't the word you want, so press the down/right key of for the next candidate “home”.
7. Press to put “home” inside the text box.




ABC

If **iTAP** doesn't provide the word you want, you can press or to switch to the **ABC** mode. In the **ABC** mode, each alphanumeric key has a number of different characters assigned to it. When you press the same key several times, you scroll through the assigned characters.






Please see "Alphanumeric keys" on page 20 for a listing of the alphabets and symbols represented by each key in the ABC Input.

Tips on using ABC input:



- To enter a word you must press an appropriate key the correct number of times to get the letter you want. Follow the order of the letters shown on each key to enter letters. Press once to get the first letter shown on a particular key, twice for the second letter, and so on and so forth.
- When you have entered a letter and want to enter the next one, you can wait for about two seconds until the cursor moves to the insertion point of the next letter, or simply press a key immediately to enter it.
- Press to shift among the following:
 - Uppercase (as **ABC** at the bottom of the display indicates).
 - Lowercase (as **abc** at the bottom of the display indicates).
- You can long press to get #.
- When you have entered a word, you can long press to enter a space for the next word to be entered.



- If you type a wrong letter, press  to move the cursor to the right of the letter and press  to delete; long pressing  deletes all text.

For example, to enter “Love”:



1. Press  three times for “L”.
2. Press  to shift to lowercase.
3. Press  three times for “o”.
4. Press  three times for “v”.
5. Press  twice for “e”.

SYM


This is an input mode to enter symbols only. When you select the SYM input the punctuation and symbols will appear along the bottom of the display. Use  to highlight the symbol you want to insert and press .

You can also press a number key ( ~ ), as corresponding to the order of symbols shown from left to right on the display) to insert the desired symbol directly.

123

This is a numeric input mode that allows you to enter numbers using the alphanumeric keys  ~ .



While entering a phone number using the 123 input, you can press  to enter special symbols such as +, * and P.

Message templates and EMS objects










What is EMS?





Your phone supports EMS (Enhanced Messaging Service), which allows users to send and receive EMS objects including icons, animations, sound effects and melodies, along with SMS text messages.



EMS services are network support dependent.

When editing a message, you can press  (**Insert**) any time and choose to add icons, animations, ring tones as well as quick message templates to your text message. Scroll to the item you want to insert and press .

- **Quick Message:** This is a list of quick message templates that can be used instead of having to compose a whole new text message. You can use the factory preset templates or the templates that you previously stored in the last five entries.
 - To create and save your own quick message template, scroll towards the end of the template list to highlight a blank entry where you want to save the message you create and press  (**Edit**). Enter the message template in the text box and press  to save the template in the selected entry for future use.
 - To write a message using a quick message template, scroll to the template you want and press  to insert the selected template into your text.
- **Icon Message:** This is a library of icons for you to choose from and add to your text messages. Press  to display the icon you want to use and press  to insert the icon into your text message. You can also scroll towards the end of the icon library and choose from the last five images that you previously received and stored.

- **Animation Message:** This is a library of animated images for you to choose from and add to your text. Press  to display the animation you want to use and press  to insert the animation into your text message. You can also scroll towards the end of the animation library and choose from the last five animations that you previously received and stored.
- **Ring Message:** This is a list of ring tones for you to choose from and add to your text message. When the recipient reads your message, the ring tone attached to the message will sound in her phone. Scroll to highlight the ring tone you want to use and press  to insert the ring tone into your text. The inserted ring tone is then indicated by the icon  in the text.
You can also use the ring tones that you received and stored in the last five entries.



You can place an icon or animated image anywhere in your text message.

5

MOBILE INTERNET


Your phone supports WAP (Wireless Application Protocol) technology and enables you to log on to the mobile Internet on both GSM and GPRS networks, so you can browse various on-line services available from your service provider, for example, financial, sport, travel, and entertainment information.



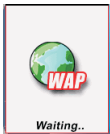
In order to successfully connect to the mobile Internet using your phone, you must subscribe to WAP services with your operator and do proper settings in your phone. Go to the menu: Oper.Service→WAP→Wap Settings and Oper.Service→Connect Settings. See page 123. For details about WAP and GPRS services, please contact your service provider.

Logging on to the Internet

You can launch your phone's browser and start a mobile Internet session in two ways:



1. From the idle display press  (WAP).
2. Go to menu: **Oper.Service → Wap → Activate**. See page 123.





When you start the WAP browser, on the display you will see the greeting screen on the right:




Surfing the Internet



After you log on successfully, the homepage you connect to will appear on the display. Use the following keys to navigate through web pages:

- Press the up/down keys of  to scroll up and down the web menu.
- Press  to connect to the web page you choose.


- Press  to return to the previous page.
- Press  to execute the command shown on the bottom left of the display; press  to execute the command shown on the bottom right; press  to execute the command shown on the bottom center.

 **The Internet service you subscribe to determines the layout and information that appears on the display. Accordingly, actual scenarios of Internet surfing may differ from the ones described above.**









- You can specify a homepage of your own. See page 58. Your network service provider specifies the default homepage.
- You can press  to edit text while navigating the Web if the label Edit appears at the bottom left of the browser screen. While editing text on the browser screen you can press  and select from different input modes.





Logging off the Internet

Long press  to terminate your Internet connection and close the browser.

Using the browser menu

When you browse web pages, press  to access the browser menu, which contains the options below. Use the following ways to browse the menu:

- Scroll using  and press  or  to select, or simply press the matching number key for the desired option.
- To return from the current browser menu to the previous screen or web content, press  or  (**Cancel**).

- You can go back to the homepage at any time by pressing  (**HOME**).
- Press  to execute the command displayed at bottom left of the browser screen, and press  for the command shown at bottom right.
- Press  to close the browser and go back to the main menu or idle display.

The browser options are:

1 Home

Go back to the homepage. To specify a homepage, go to: **9 Settings** → **1 Homepage**.

2 Bookmarks

You can open the bookmark list to choose a web bookmark. The bookmark list is stored in the remote server. It can be used only when you are connected to the network.

2.1 View

View all the current bookmarks.

2.2 Mark Site

Bookmark the current website you are viewing.

3 SnapShots

Save the current webpage you are viewing.


4 Save Items

When you browse the pages containing a downloadable image, you can select this option to save the image in your phone. Later on you can use this image as your wallpaper, or insert it into your messages.

5 Search

This option can help you search the web like search engines do.

6 Go To URL

Key in the URL you want to go to, then press  to access it.

7 Show URL


Show the current URL you are viewing.

8 Reload

Reload the current web page.

9 Settings

You can enter this menu to choose from the following settings:

 **Please contact your service provider for details of the following settings.**

9.1 Homepage

Specify a homepage. The homepage you specify is opened every time you use WAP service or select **Home** from the browser menu. However, some network service providers do not allow the user to specify the homepage.

9.2 Scroll Mode

You can choose between two scroll modes: block or smooth.

- **Block mode:** as many of the words that fit in a line are shown for a few seconds, then the next line is shown, then the next and so on.
- **Smooth mode:** the content scrolls smoothly on the display.

You can also adjust the scroll speed.

9.3 Send Referrer

You can turn on or off the http send referrer header.

9.4 Key Press Timeout

This option sets the amount of time the phone waits during text entry, before automatically advancing the cursor to the next entry position. As long as the same key is re-pressed within the Key Press Timeout, the character cycles between all the choices for the key. The Key Press Timeout is adjustable.

9.5 Set Proxy

Each proxy number represents the setting data of a WAP server. There are three different WAP servers available in your phone. Here you can select a proxy number that represents the server you want to activate as the default server. Your phone connects to the default server during an Internet session.

You can also go the menu: **Oper.Service** → **Wap** → **Wap Settings** to select the server you want to activate. See page 124.

WAP Proxy 1 → Wap1

WAP Proxy 2 → Wap2

WAP Proxy 3 → Wap3

9.6 Circuit Prompt

The Circuit Prompt is a message displayed before each circuit data call is made. It reads “Circuit is down. Start data call?”. You may enable and disable it by selecting ON or OFF.

9.7 Security

9.7.1 Secure Prompt

The secure prompt message shows up before you leave a secure area. It says “Entering a non-secure area. OK?” You may enable and disable the option.

9.7.2 Current Certificate

Shows the current certificate.

9.7.3 CA Certificates


A certificate is a digital ID. It is issued by a trusted third party known as certificate authority (CA). The phone uses CA certificates to authenticate websites that send information to the phone.

9.7.4 Authentication

You can decide whether your phone should remember your user name and passwords for websites that require them. If you set your phone to authenticate you automatically, you do not need to re-enter your user name and password the next time you visit the same website.

9.8 Advanced

9.8.1 Go To URL

Key in the URL you want to go to, then press  to access it.

9.8.2 Restart Browser

Restart the browser.

9.8.3 Downloads

You can choose not to download images/audios/objects from the web by checking the matching box.

9.8.4 View Title Region

You can choose to view the web page title or not. You can also set the title to split into different lines when it gets too long.

9.8.5 About...

You can read related information about the browser version.

0 About...

You can read related information about the browser version.

URL speed input



Your phone has defined a **.COM key**, for URL speed input. This feature makes your digital life easier and more fun.

With the shortcut key, you can enter numeric URL directly under the idle display.



For example, to enter `http://123.com`:

1. Enter **123**




2. Press  (.COM), and **http://123.com** would immediately show up on the display.






 (.COM) automatically adds **http://** in front of the numbers, and **.com** in the end. After URL input is complete, press  to connect to the website.

When you key in a URL, the **.com key** also has the below functions:

- After pressing  once, you can press  a few more times to have different output:

Time	Output
0	. com
1	.com.tw
2	.net
3	.net.tw
4	.com.cn
5	.net.cn

-  can turn  (*) into “dot(.)”. For example, enter **123*456** under the idle display, then press , and you get **http://123.456.com**.

- After pressing  and see **http://** on the display, you can press  to get /. For example, first enter **123**, press  once, and the display shows **http://123.com**. Press  once and the URL becomes **http://123.com/**.
- After the display shows the standard URL (ex. http://123.com), you can press  to start the WAP service, and connect to this website directly.

6 MENUS

Your phone's menus cover a wide variety of features. The main menu is made up of 8 images. Each represents a specific menu consisting of related submenus.


For how to moving around the menus using the appropriating keys, see "Menu Navigation" on page 22.



Phone Book

This menu provides you with options to manage your **Phone Book**.

Find Record

Searches for a contact saved in your phone book. Type the full name or just the first letter(s) of the contact you are looking for if unsure of spelling and press .

Add Name















Adds another contact to the phone book. You can add a new contact in the way described on page 35.

Caller Group

A caller group is a group of phone settings that you can select to identify a particular group of contacts, such as work colleagues, family members or friends. For example you can choose a special ring tone for one group which will sound when a member of that group calls.

Each profile option is a caller group. There are six caller groups available--**Family, Friends, Business, Colleagues, VIP, Leisure**--plus a group made up of contacts not assigned to any of the six caller groups.

Each caller group profile is represented by a particular icon as shown to the left of the profile option. Scroll to highlight the profile of the caller group you want to select the settings for. You can then:




- Press  (**Ring**) to select a ring tone to help identify incoming calls from the group. Scroll through the list and highlight the ring tone you want and press .
- Press  (**Image**) to select the image you want to appear on the display when a member of the caller group calls you. Press  to scroll through the images until the one you want appears. Press  to select the image for the caller group.
- Press  (**Rename**) to change the name of the caller group. When you have finished entering the name press .
- Press  to view and change the contact list of the selected caller group. If no contacts are found, press  (**Add**) and select the contacts you want to add to the group from your phone book. Press  to scroll to the desired contact and press  to add the contact to the group. If the group already has a list of contacts in it, you can scroll to highlight the desired contact and:
 - Press  (**Add**) to add more contacts to the group.
 - Press  (**View**) to view and edit the contact's details.
 - Press  (**Delete**) to remove the contact from the list.

Delete

You can delete contacts from your phone book when they are no longer needed.



By Name

Deletes a contact by name.

Enter the full name or just the first letter(s) of the contact you want to delete and press . The contact you are looking for will be highlighted. Alternatively, when prompted to enter the name, you can press  directly to show the list of contacts, then select the contact you want to delete. Press  to delete the contact as the pop-up window asks for your confirmation.

By Group

Deletes all of the contacts that belong to a particular caller group.

Scroll to highlight the caller group you want and press , and when the prompt “Delete?” appears press  again to delete all of the contacts belonging to this caller group.

All SIM Record

Deletes all of the contacts stored in the SIM card.

All Phone Record

Deletes all of the contacts stored in the phone.



Copy Record

Your phone has two memories where you save details of phone book contacts: your SIM card memory and your phone memory. This feature allows you to copy and move your phone book contacts between the two memories so that you can take them with you if you change phone. You can copy your phone book contacts to a different memory one entry at a time or copy all the contacts stored in one memory to another memory.



SIM to Phone

Copies or moves phone book entries saved on your SIM card to your phone memory.


Single Keep Original

Duplicates a single entry saved on your SIM card to your phone memory, while the original is kept on your SIM Card. Use  to highlight the entry you want to copy and press . The entry will be copied into the phone memory.

Single Del. Original

Copies a single entry from your SIM Card to your phone memory and delete the original saved on your SIM card. Use  to highlight the entry you want to copy and press . The entry will be moved to the phone memory.


All Keep Original

Duplicates all of the entries from your SIM card to your phone memory, while the originals remain in the SIM memory. Press  as the prompt “Copy all?” and all the entries will be copied to your phone memory.

All Del. Original

Copies all of the entries from your SIM card to your phone memory and delete the originals saved on your SIM card.



If the target memory does not have enough capacity for all of the entries to be copied, the display will show the number of available entries indicating only the displayed number of entries can be copied. For example, if you want to copy totally 40 entries to the phone memory where only 32 entries are available, your phone will show “32 available, copy?”. If you press , your phone will simply copy the first 32 entries to the phone memory.

Phone to SIM

Copies or moves phone book entries saved on your phone memory to your SIM card. You can copy your contacts stored in your phone memory to your SIM card one entry at a time or copy all the contacts to your SIM card. Options are the same as those for **SIM to Phone**.

Phone Information

Used Space


You can view the number of occupied phone book entries and the total number of entries available in your SIM card and your phone memory.



Your phone memory can store up to 500 numbers. The capacity of your SIM card depends on the network service you subscribe to with your operator.

Memory

You can choose to save your phone book contacts to your SIM card memory or your phone memory. If **SIM** is displayed under this option, it means that new contacts will be saved to your SIM card. If **Phone** appears under this option, that means new contacts will be saved to your phone memory.

When you scroll to this option, press  to choose from the following:

SIM

New contacts will be stored in your SIM card if you select this option.

Phone

New contacts will be stored in your phone memory if you select this option.





The benefit of saving numbers to your SIM card memory is that you can easily remove your card with all your stored information and insert it into another phone at a later date.

However if you need to change your SIM card or need more memory for phone book entries you can use your phone memory.

Own Number






This feature allows you to save your SIM card number as well as your name on your SIM card memory.



When this option is highlighted, press  and enter your name and your SIM card number. When done press  again to save.











The idle screen will show the name stored in your SIM card memory.





Speed Dial

You can assign the number key  ~  as a speed dial key for any phone number stored in your phone book. A long press on a speed dial key from the idle display will automatically dial the phone number that the key represents. For example, if  is set as a speed dial key, long press  to make the speed dial of the phone number which is linked to .

In this option you will see the list of entries 1~9, which represent keys  ~  respectively. You can choose a number key as the speed dial key for a particular number by selecting the entry that represents the number key you want.

For example, If you want to choose  as the speed dial key for a particular number:

1. Scroll to highlight entry 2 and press  (**Edit**) to access your phone book.
2. Scroll to highlight the contact you want and press  to view the number(s) saved under the selected contact.
3. Scroll to highlight the phone number you want  to be the speed dial key for and press . The list of entries will appear again with entry 2 showing the contact name of the selected number, indicating that  has been chosen as the speed dial key for the number.
4. If you want to set up more speed dial keys, you can repeat the above steps. If you want to change  back to a general number key, select entry 2 again and press  (**Delete**). The entry where the number was previously stored will become empty again.






5. When you have finished, press  to exit the entries and a dialogue box will pop up asking if you want to save the settings. You must press  to save all of the settings. If you want to give up all of the speed dial settings, press  or .

Black/White List

Black List allows you to set which calls to reject. Or you can use **White List** to set which calls you want to accept, and reject all other calls.

Black List

This option allows you to set up a blacklist of phone numbers not allowed to call you. Incoming calls identified as members of the blacklist will be transferred to your voicemail box.

Press  (**Add**) to enter go to phone book, scroll to the contact you want to add to the blacklist and press  (**Mark**) to mark the person. Press  (**All**) to mark all contacts. To unmark a selected contact, scroll to the person and press  (**Unmark**). Press  (**Clr All**) to unmark all selected contacts.

After finishing all markings, press  to add them to the blacklist.

White List

Compiles a list of numbers you want to answer, and your phone will reject calls from all other numbers. Set the list the same way you do with the **Black List**.

Settings

Choose to activate **Black List** or **White List** settings, or cancel the either.




Message

Besides SMS (Short Messaging Service) and EMS (Enhanced Messaging Service), your phone also supports MMS (Multimedia Messaging service). EMS allows you to insert simple graphics and ring tones in your message, while MMS allows you to send photos, colored graphics, and music using your phone.

Messages

With the following message features, you can read, edit and send SMS and EMS messages, chat with others, and decide whether to receive cell broadcast from your service operator.






Create Message



This feature allows you to write a new message. When finished, press  to choose to send or save the message. Options are the same as those for **Edit** in the **Unread Message** and **Inbox** menu. See page 73.





Unread Message



Here you can read the messages you have not opened.



Whenever a new message arrives, you have the following ways to manage it:

1. If the flip is closed, the external display would show a prompt telling you how many new messages there are. You will also see  on the top of the display. To read the new messages, press  (**Inbox**), and press  (**Read**) again, then you can see the message texts on display. After reading the message(s), you can press  to go back to idle display.
2. If the flip is open, or you decide to open the flip to read the message(s), then there will also be a prompt on main display to tell you how many new messages there are.  will show on the top of

display. Press  and all the message records will show on display. The sender's phone number will accompany every record (if the sender is a contact in your phone book, then you will only see the sender's name, but not his/her number). Use  to scroll to the message you want, and then first few words in the first line will flash. If the message contains EMS objects, **Enhanced Msg** will flash instead. Then you have the following options:




- Press  to read the message.
- Press  (**Call**) to call the sender.
- Press  (**Delete**) then  to delete the message without reading it.


 **If you scroll to Delete All and press , you will delete all new messages.**



 **Newly received messages are stored in your SIM card. If the SIM card storage space is full,  flashes on display. Your network will keep new messages for you, until you delete other messages from the SIM card to free storage space.**

3. If you use the main display to read new messages, you can also go to menu: **Message → Messages → Unread Message.**

After reading the new message on main display, you can choose to:



- Press  (**Reply**) to reply to the messages. When you are done, press  and the display will show the sender's number. Press  again to send the message to the sender.


 **For how to use different input modes to write your messages, see page 48.**


- Press  (**Call**) to call the sender.
- Press  to go to sub-menu:

Save EMS

If the message contains an EMS object like an icon or animation which has not been stored in your phone, you can select this option to save this EMS object.

Press  to select the object, and give the EMS object a file name. Press  again to save the object to its EMS library in your phone. For example, if the object is an animation, it will be automatically saved to an available entry in the animation library for future use.

 **This option is only available when the message has an EMS object in it.**


 **For how to insert an EMS object when writing a message, see page 53.**


Chat

This feature allows you to start a chat session by replying to the message. For how to start a chat session, see page 77.


Edit

You can edit the received message.






 **For how to edit a message using the available input methods in your phone, see page 48.**

When you have finished a message, press  and choose from the following options:





Save to SIM


Press  to save the message to **Outbox**. For details on the **Outbox** option, see page 76.





Send To

You can send the message to a single recipient. Simply enter the recipient's phone number and press  to send the message directly. Alternatively, you can press  to access your phone book and select a contact you want to send the message to. Scroll to highlight the desired contact and press  to display the contact's phone book information. Scroll to highlight the number you want to use and press  to enter the number. Press  again to send the message.

Send by Name

You can send the message to the recipients you choose from your phone book. Scroll the list of the contacts and press  (**Mark**) to choose the contacts you want to send the message to. You can also press  (**All**) to choose all contacts. To deselect a contact, scroll to the contact, and press  (**Unmark**); press  (**Clr All**) will deselect all contacts.


When done, press  to show the mailing list of the selected contacts. You can then scroll to highlight the contact you want and you have the following options:



- Press  (**Send**) or  to send the message to the selected contacts.
- Press  (**Add**) to add the number of another contact to the mailing list.
- Press  (**Delete**) to delete the highlighted contact's name or phone number from the mailing list.

Send by Group

You can send the message to the members you select from a particular caller group. Follow the steps below:

1. Display shows the list of the caller groups. The last row shows information about how many contacts you have chosen and the maximum numbers you can choose.

Scroll to the caller group you want, press  (**View**) to view the contacts in that group.

2. Select the contacts in the same way as you do with **Send by Name**. After you finish selecting the contacts, press  to go back to call group list. The last row shows the number of selected contacts.
3. Press  to view the list of selected contacts, then you can send the message, add other recipients, or delete recipients the same way as you do with **Send by Name**.

Forward

Forwards the message to other recipients. You can forward the message in the same way you send a modified message from the **Edit** option.



Text reply

Use this option to write and send your reply.

Voice Call

You can call the sender using the number by which the message was sent.

Extract Numbers

Displays the number(s) contained in the received message. Scroll to highlight the number you want, and press  (**Save**) to create an entry for this number in the phone book. You can also press  (**Call**) to call the number.



How do Call to Sender and Extract Numbers function differently?

For example, a friend sends you a message via 0922277585, which says “Hello, long time no see. Please call 0287654321 or 0212345678.” When you finish reading the message and select Call to Sender, your phone will dial 0922277585 automatically. If you select Extract Numbers, your phone will list 0922277585, together with 0287654321 and 0212345678 extracted from the text of the message. Then you can choose to dial or save one of the numbers.

Inbox


Here you can view the messages you have read. You have the same options as those for **Unread Messages**.



If you want to erase all of the received messages from your SIM card, you can scroll down to the end of the message list and select Delete all to erase all the received messages.




Outbox

Outbox keeps the messages you edited and stored in the SIM card. Upon entering this option, you will see the entries of the last saved messages. Choose a message and you have the following options:

- Press  (**Delete**) to delete the message.



If you want to erase all messages in the Outbox from your SIM card, you can scroll down to the end of the message list and select Delete All to do so.





- Press  to read the message. After you read the message, you can choose to:
 - Press  to edit or forward the message, or extract the numbers from the message.
 - Press  (**Delete**) to delete the message.






SMS Chat

You can engage in a peer-to-peer chat session by writing short messages to another mobile phone user. This feature allows you to have a continuous text conversation with someone without having to enter the number of the recipient each time you have something new to say. The text conversation is recorded so you can review what has been said in the chat session.


Starting a chat session

There are two ways of initiating a chat session.

1. Go to: **SMS Chat** → **New Chat** to start a new chat session. Follow the steps below to conduct the chat:
 - a. Enter the nickname for the chat session, and press .
 - b. Enter the phone number of the person you want to chat with.
Alternatively, when asked to enter a number, you can press  to go to the phone book, and select a contact as your chat partner. Scroll to highlight the desired contact and press  to access the details of the contact. Scroll to highlight the number you want to use and press  to enter the number.

- c. Write your message. When you finish, press  to send the message to invite the recipient to a chat. The display shows your nickname followed by your message as “nickname>message”.
- d. When the chat message is sent, you can press  to enter the next chat message. The message will automatically be sent to the same recipient. Repeat the same process to send more messages to the same person.
2. Alternatively, to start a chat session, you can select a message from **Inbox**, press , choose **Chat**, and press  (**Chat**) or  to start a chat session with this message. This way you do have to enter the recipient's phone number before you send a chat message.




Receiving a reply to your chat message

When your phone receives a reply from your chat partner, the display will show your partner's name and message, followed by the previous message(s) you sent. You can now talk with your chat partner by entering what you are going to say and press .





Your words will automatically get back to your chat partner. You can continue the chat session by repeating the same process. All of the text conversation will be displayed on the display.

Receiving a request for a new chat

When your phone receives a chat request from another person, a dialogue box would pop up on the display asking if you want to join the chat. Follow the steps below to reply to the chat message:

1. Press  to view the chat message.
2. Press  to join the chat. Enter your nickname and message, and press  to send your message. The display will show your name and message followed by your partner's previous message.

Leaving a chat session

If you want to leave a chat session, press  or . This will take you back to the **SMS Chat** menu. Your phone will keep the records of the last chat session. To review the previous chat session, scroll to select **Previous Chat**. You can resume the previous chat session by pressing  (**Chat**) or .

If you want to start a new chat, go to: **SMS Chat** → **New Chat**.

When you are interrupted by an incoming call during a chat session

1. Answer the call. Upon ending the call, the display returns to the idle mode. Then you may resume the chat session by selecting **Previous Chat** from the **SMS Chat** menu.
2. Reject the incoming call and continue the chat by selecting **Previous Chat** from the **SMS Chat** menu.


Message Settings

This menu includes several options:

Message Centre

This feature stores the phone number of the message centre, which sends your text messages. The message you send is transmitted via this message centre to the receiver.

Enter the message centre number provided by your operator.

When done, press  to confirm.

Message Lifetime

You can select the length of time ranging from one hour to six months that your text messages are stored at the message centre while the message centre attempts to deliver them.

Message Format

You can ask your network operator to convert your text messages into different formats. For example, when you have sent a message to an ERMES pager user, your message is automatically converted to ERMES protocol.

Reply Path

You can ask the network to set the route of the reply message via your own message centre. If you set this function on and send a message to someone and the person replies, the reply message will follow the path of the previous message that you sent.


Notification

If you activate this function, your network will send you a delivery report.

Cell Broadcast

Cell broadcast messages are the general messages that your network operator broadcasts to all phones in a particular area. These messages are broadcast in numbered channels. For example, channel 030 might be for local weather, 060 for traffic reports, 080 for information of local hospitals, taxis, pharmacies, etc.

You can receive cell broadcast messages that your operator broadcasts to you, and choose preferred subjects and languages.


 **Please contact your operator for a list of available channels and the information they provide.**

CB Switch

Activates/de-activates the cell broadcast feature.

Read CB

Here you can read the messages that you want your operator to broadcast to you regularly. The name of the subject and information will be shown on the display.

 **To select the messages that you would like to receive regularly from your operator, go to the menu: Set Info Subjects → Create Subject.**






Instant Display

After you activate this option, your phone will immediately display the cell broadcast message as soon as it receives one.


Language

You can ask your operator to broadcast information only in the languages you select.

In this option you will see a list of languages that you previously selected. If the list is empty, you can do either of the following to add a desired language to the list:

- Press  (**Insert**) or , scroll to highlight the language you want, and press . The selected language will be added to the top of the list.
- Select  (**Add**), and scroll to highlight the language you want and press . The selected language will be added to the end of the list.

You can repeat either of the above processes if you want to add more languages to the list.


If you want to remove a language from the list, scroll to select the language you do not want and press  (**Delete**).

Set Info Subjects





Here you can determine what information you wish to get from your operator's cell broadcast. This is a twofold process:

Create Subject

Here you can list all of the cell broadcast subjects available from your operator.


If no subjects have been saved before, you can press  (**Add**) to add a new subject. Enter the subject code which is available from your operator followed by a name that you create for the subject. The name you enter will serve as a reminder of what the subject is about. For example, if the subject is about weather, you can enter “weather” for the subject.



Once the list has subjects stored in it, you can select a subject you want from the list, and

- press  (**Edit**) or  to edit the information of the selected subject;
- press  (**Add**) to add a new subject to the list;
- press  (**Delete**) to delete the selected subject from the list.

Active List


This is where you decide what broadcast information you want from your operator. The subjects on the **Active List** are the ones that you have chosen to receive regularly from your operator.


If the list is empty, press  (**Add**), then choose a subject you previously saved in the **Create Subject** list. The subject you choose will be added to the **Active List**.


Once the list contains subjects in it, you can select a subject you want from the list, and press  (**Add**) to add a new subject to the list, or press  (**Delete**) to delete the selected subject.


MMS


Now with Multimedia Messaging Service (MMS), you can send and receive colored pictures, animations, and music with your phone.

 **Before you start to use MMS, you have to subscribe to both GPRS and MMS services provided by your operator. Then you have to adjust MMS settings in your phone to be able to use MMS. Because MMS uses WAP and MMS servers on GPRS network to send messages to phones, you have to adjust the following settings correctly to use MMS.**

Go to menu: Oper.Service → WAP → WAP Settings , choose the setting you want to use, then press  (Edit) to adjust the settings below:	
Gateway Address	For example, 10.1.1.1
Port Number	For example, 9201

Go to menu: Oper.Service → Connect Settings , choose the GPRS setting you want to use, then press  (Edit) to adjust the settings below:	
APN Name	For example, MMS

Go to menu: Message → MMS → MMS Setting	
MMS Server: choose the MMS server setting you want to use, and press  (Edit) to enter the web address of the server.	For example, http://mms

 **You should contact your operator for details on MMS settings. Some operators may adjust the settings for you after you subscribe to MMS.**

There are following options under MMS menu:

Inbox	Stores the MMS message you downloaded.
Outbox	MMS messages failing to be sent out are stored here.
Backup Box	MMS messages sent out successfully are stored here.
Draft Box	MMS messages you wrote but did not assign a recipient for are store here.
Notify Box	When your service operator's MMS server receives a MMS message, the operator will send a SMS message to you, asking you to download the MMS message. If you do not download the MMS message immediately, then the operator's SMS message will be stored here. Later when you wish to retrieve the undownloaded MMS message, you can come here. Select the SMS message that matches the MMS message, and you can download the MMS message.
New MMS	Edit a new MMS message.
MMS Setting	Here you can adjust MMS settings.
Memory Size	Here you can check the maximum space for both received and sent messages, as well as the number of available MMS entries.






An MMS message cannot exceed 30k bytes, and your phone can only store a maximum of 30 messages. The total storage space for MMS is 100k, and this space has to be shared with other applications.

Editing and Sending MMS Messages

Go to menu: **MMS** → **New MMS**, and follow the steps below to write and send new MMS message.


1. Fill in below fields required for sending a MMS message.


- **Subject:** press  (**Edit**), enter the subject for the message, and press .

- **Priority:** press  (**Change**) to set the priority for this message.


- **To:** follow the steps below to enter the recipient's information:


a. If you want to send the MMS message to the recipient's phone,

press  (**Phone n**) to enter the recipient's phone number as prompted; to send the message to the recipient's e-mail

address, press  (**E-mail**) to enter the recipient's e-mail address.





When you are asked to enter the recipient's phone number or e-mail address, you can press  and select a contact's number or e-mail address directly from your phone book.

b. After keying in a phone number or e-mail address, press  and the information will appear under the row "**To:**". To edit it

press  (**Edit**); to delete press  (**Delete**).


c. To add more recipients, scroll back to the row "**To:**" and press

 (**Phone n**) or  (**E-mail**) and repeat the steps above.










You can send an MMS message to a maximum of 5 recipients.

- **Cc:** You can send the message as a carbon copy to others. Enter the carbon copy recipient's information as you do with main copy recipients.

2. To edit the MMS message content, press  (**Content**) to open the MMS editor, then you can start to write the message on the first slide.









An MMS message can contain up to 6 slides.

- **Edit:** Write the message as you do with SMS messages.
- **Insert image:** On the MMS editor, press  (**Insert**) and select **Album** to choose from the images stored in your phone (including images downloaded from WAP websites and MMS messages as well as photos taken using the external digital camera). Scroll to the image you want and press  (**View**) to preview the image. Press  (**Insert**) or  to insert the image to your message.
- **Insert audio:** On the MMS editor, press  (**Insert**) and select **Audio** to choose from the audios stored in the phone (including those downloaded from WAP websites and MMS messages). Press  (**Insert**) or  to insert the audio to your message.





Each slide only allows one image and one audio file. If you want to insert a second image or audio, the words Out of range will show up on the display, and you will not be able to insert the image or audio.

3. When you finish the first slide, press  (**New**) to create a new slide.
4. After you finish all slides for a MMS message, press  and choose from the following options:
- **Play:** Play the message you just finished. When you play the message, you can press  (**Previous**) and  (**Next**) at any time to browse through every slide. You can also press  (**STOP**) to stop at the currently displayed slide.



- **Save:** Save the message. If no recipients are specified, the message will be stored in the **Draft Box**. If at least one recipient is specified for the message, the message will be stored in **Outbox**.
- **Send:** Send the message immediately.
- **Next slide:** Edit the contents of next slide.
- **Previous slide:** Edit the contents of last slide.
- **Delete this slide:** Delete the current slide.
- **Set time period (Sec) for this slide:** Set the length of time a slide shows on the display when playing the message. The unit is 1 second. For example, if you enter “2,” it means 2 seconds.
- **Info:** You can edit the message information--i.e. subject, recipients, etc.--as well as the contents.
- **Size Report ON/OFF:** This determines whether the display will show the size of the message the moment you finish editing a message and press .


Downloading MMS Message







You can download a MMS message in 2 ways:

1. If you select **Notify me first** under **MMS** → **MMS Setting** → **Notify Setting**, then when a MMS message arrives at the server, the operator will send you a notification asking you whether to download the MMS message or not. You can
 - Press  to start downloading. After downloading you can go to **Inbox** to read the message.
 - If you press  to reject immediate download, the notification will be stored in **Notify Box**. Later when you need to download the MMS message, you can go to **Notify Box** and select the notification that matches the MMS message. Press then the phone will start to download the message.
2. If you have select **Auto Download** under **MMS** → **MMS Setting** → **Notify Setting**, then when a MMS message arrives at the server, your phone will start to download the message automatically.

Reading MMS Message

Having successfully downloaded the MMS message, the display will automatically switch to **Inbox**, press  to browse through the sending time, subject, and the sender's information. If the information contains a telephone number, you can scroll to highlight the number and press 

(**Save**) to save the number to your phone book. Press  (**Content**) to play the message. When the message is playing, you can do the following:

- Press  (**Previous**) and  (**Next**) to display the previous/next slide.
- Press  (**Stop**) to stop the display at the current slide. When the display stops, press  (**Info**) to check the information such as the sender and subject.
- Press  or  to stop playing the message.

After reading the message, press  to choose from the following:




- **Play:** Play the message again.
- **Edit:** Edit the content of the message.
- **Forward:** Forward the message to someone else.
- **Reply:** Reply to the sender.
- **Reply all:** Reply to the sender and all the other recipients.
- **Extract Numbers:** Extract telephone numbers shown on the slide. You can choose to save the numbers in your phone book.
- **Save Image in this slide:** Save the image shown on the slide to your phone. After you save it, you can go to the menu: **Entertainment** → **Album** to see it. To save it as the wallpaper, go to the menu: **Personalization** → **Wallpaper**.
- **Save audio in this slide:** Save the music played on the slide. Then you can go to the menu: **Entertainment** → **Melody Manager** → **Melody Play** to listen to the music.

MMS Setting

Before you start to use MMS, go to menu: **MMS** → **MMS Setting** to adjust the following settings:

MMS Server

Configure the web address of operator's MMS server. Please following the steps below:

1. Choose one from the three default server settings as your server and press .
2. Press  (**Edit**) to enter the MMS server address. For example, <http://mms>.
3. Press  (**Rename**) to change the server's name.

Message Size


Set the maximum size for a message that the phone receives. If an incoming message exceeds the size, the phone will not be able to download the message.

Notify Setting

Choose the way to download a MMS message:

- **Auto Download:** when the MMS server receives a new message, your phone will display the operator's notification first, and then start to download the message.
- **Notify me first:** when the MMS server receives a new message, the phone will display the operator's notification, then you can decide whether to download the message immediately.

Delivery Setting

Here you can choose to get a delivery/read confirmation after you send a MMS message to someone. Press  (**Mark**) to mark the following:

- **Delivery Report:** Asks the recipient to return a confirmation after receiving your message.
- **Read Report:** Asks the recipient to return a confirmation after reading your message.

Message Life Time

Set the length of time your outgoing MMS messages stays on the server before it reaches the recipient successfully.

Security Check

When you turn on this option, you can reject MMS messages from certain senders. You should set up the Reject List first under the menu: **MMS → MMS Setting → Sender Reject List.**

Sender Reject List

When you turn on **Security Check**, your phone will reject all MMS messages from the senders you list here.

Voice Mail

You can call the voice mailbox provided by your operator and listen to the voicemail left by a caller.








Your network operator provides your voicemail box number as well as the numbers for accessing other voicemail services they have. Please check with your operator for details of their voicemail services and see if you need to set up your voicemail box by saving particular numbers to your phone.





To set up your voicemail box, go to Voicemail Settings. See details on page 92.

Listening to a voicemail

When your voicemail box receives a voicemail, your operator gives you a call or sends you an SMS alert to remind you of the waiting voicemail. If the text of the SMS alert sent by your operator matches the text of the SMS alert previously stored in your phone--this is called **Alert Match**--your phone will recognize this SMS alert as a reminder of a new voicemail and a prompt showing “New voicemail” will pop up.

To listen to the voicemail, simply press , and your phone will automatically dial your voicemail box number for you. Press  (**Exit**), , or  to return to the previous display if you do not want to call the voicemail box, then the voicemail icon () will appear on the display.

 **To set up the Alert Match feature, you must save your operator's SMS alert in advance. Please do so in Voice Mail → Voicemail Settings → Alert Match. See page 94.**

Alternatively, if the text of the operator's SMS does not match the text of the SMS alert stored in the **Alert match** option, or if your operator calls you to inform you of a new voicemail, you can access your voicemail by selecting **Voice Mail → Get Voicemail**, or long press  directly from the idle display.

You can also set up a number key as a speed dial key for your voicemail box number. For how to set up a speed dial key, see **Speed Dial** on page 69.

Voicemail settings

You can use the following options in **Voice Mail → Voicemail Settings** to determine how your voicemail box works:

Box Numbers

Here you can store your voicemail box number as well as the numbers controlling the voicemail feature:

- **Home Mbox:** This is your voicemail box number that you dial to listen to a voicemail.
- **Roam Mbox:** This is the number you dial to listen to a voicemail when roaming on another network.
- **Voice No.:** This is the number you dial to request the operator to give you a call upon receiving a new voicemail.
- **Message No.:** This is the number you dial to request the operator to send you an SMS alert upon receiving a voicemail.
- **Disable No.:** This is the number you dial to disable the voicemail feature.
- **Enable No.:** This is the number you dial to enable the voicemail feature.

When these numbers have been set correctly, you can check your voicemails, turn the voicemail feature on or off, or change the way of the voicemail notification simply by selecting the respective menu option. Your phone will automatically dial the number you set up for each option to inform your operator of your choice.

Alert by Call

Here you can request your operator to inform you of a new voicemail with a telephone call. Select this option and your phone will automatically dial the number previously stored in **Box Numbers** → **Voice no..**

Alert by SMS

Here you can request your operator to inform you of a new voicemail with a SMS alert. Select this option and your phone will automatically dial the number previously stored in **Box numbers** → **Message no..**

Alert Match

If it is not already set, you can manually store the SMS alert to match the one sent by your operator when a new voicemail is received. To do so turn the voicemail feature on and set the alert mode to **Alert by SMS**, then ring your phone using another phone and leave yourself a voicemail message. Your operator will then send an SMS alert saying that a new voicemail is waiting. Jot down the SMS alert and come to this **Alert Match** option to enter and save the SMS alert. It is not necessary to enter the whole message, just enough of it to provide a reliable match for your phone to identify an SMS message as an SMS alert for a new voicemail.

If the text of the SMS alert varies according to the number of voicemails the network is holding for you--for example it may sometimes read "1 new voice mail" and at other times read "2 new voice mails"--you can set a wildcard in the **Alert match** option by inserting a "?". And the SMS alert you enter will be like "? new voice message." Your phone can then use this saved message to identify the SMS alert sent by your operator.

Activating/deactivating the voicemail feature

You can request your operator to activate the voicemail feature by selecting **Voicemail** → **Voicemail On**. Your phone will call your operator by dialing the number saved in **Voicemail Settings** → **Box Numbers** → **Enable No.**

Select **Voicemail off** to ask your operator to deactivate the voicemail feature. Your phone will call your operator by dialing the number saved in **Voicemail Settings** → **Box Numbers** → **Disable No.**




Entertainment

Entertainment offers you different kinds of fun and enjoyment. You can play games, arrange photos shot using your phone camera, compose your own ring tones, and do much more with your phone.

Games

Your phone comes with a selection of fun and exciting games to challenge and amuse you if you are feeling bored.

Scroll to highlight the game you want to play and press  to select from the following options:

- **START:** Selecting this option starts a new game.
- **CONTINUE:** Selecting this option resumes the previously interrupted game.
- **CONTROLS:** You can read the instructions for the game. The display will show how to play the game using particular keys.
- **RANKING:** Selecting this option shows the highest score on each level of the game.
- **OPTION:** You can adjust such settings as volume and play time for the game.
- **EXIT:** Exit from the game.

If you want to quit a game while playing, press  or .

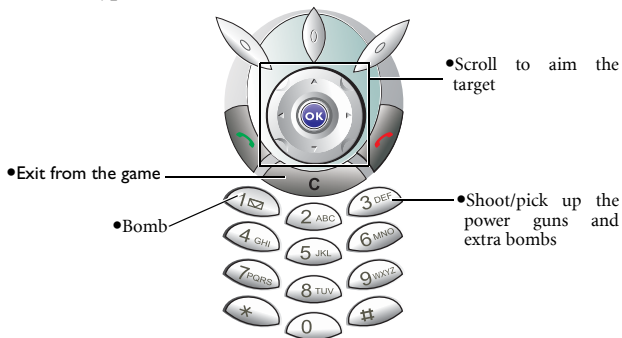
Below are the instructions for playing each game:

Last Gunner




Last gunner is a shooting game. Before the enemies attack, you must clear all moving enemies using guns and bombs.

If you hit the enemy's truck in the game, You can get items like power guns or extra bombs.



Keypad control



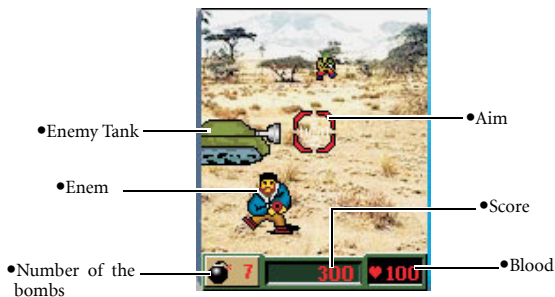
Instructions

Use  to aim the enemy you wish to shoot, then press  or  to shoot or bomb the enemy.

The bomb can destroy enemies in a wider range than the gun. However, the number of the bombs you have is limited, while you can shoot with the gun for unlimited times.

If you succeed in attacking the enemy's truck, you can usually get extra bombs or guns that can shoot wider. When you see these items on the display, use  to target the items, and press  to pick them up.

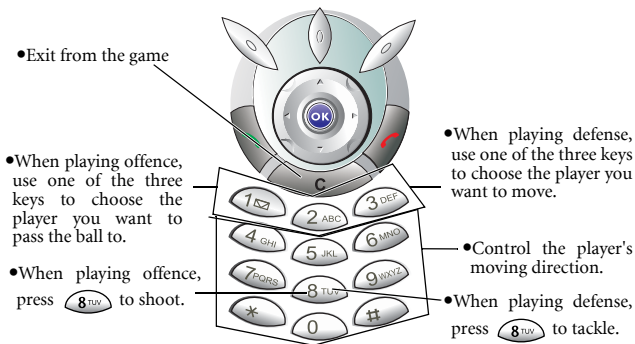
Game display



Champion Soccer

This game allows you to control one of the best 8 national soccer teams to win the World Cup.

Keypad control



Instructions

Before you start the game, go to **OPTION** and you can set the time length for the game (2, 3 or 4 minutes for half game). After choosing **START**, you can choose **World Cup Mode** or **Arcade Mode**.

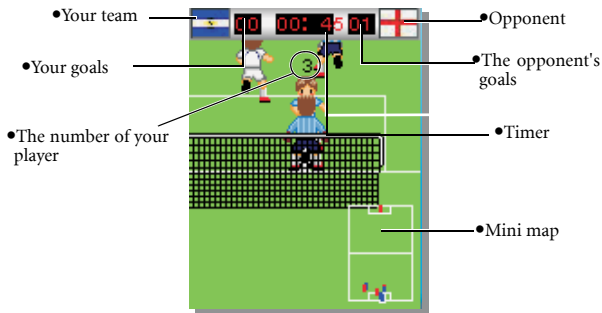
Under **World Cup Mode**, you can pick your own team, but your phone will pick out your opponent randomly. After you win a game, you face the next opponent, again picked out by your phone. Under **Arcade Mode**, you can pick your own team and your opponent, and you only play a game once. After you decide which mode to play, you will see **FIRST HALF** on the display.

Press **OK** to start playing.

During the game, you need to control your three players on the pitch, and your goalkeeper is controlled by the phone.

- When playing offence, use 4 GHI ~ 9 WXYZ (except 8 TUV) to move the players, use 1 ~ 3 DEF to pass the ball (you can see the players' numbers on the display). When getting close to the goal, press 8 TUV to shoot.
- When playing defense, use 4 GHI ~ 9 WXYZ (except 8 TUV) to move the players, use 1 ~ 3 DEF to choose which players to move (you can see the players' numbers on the display). When getting close to the opponent with the ball, press 8 TUV to tackle.

Game display



JAVA

Your phone is Java-enabled. You can download Java applications, such as Java games, from WAP services, and run these applications in your phone. If you do not need these applications anymore, you can remove them from your phone easily, and download other applications you want.



Java menu is as follows:

Application Lists	All JAVA applications are stored here. Application Lists helps you file Java applications to different groups, so that you can manage JAVA applications easily.
Java Settings	Set the default URL and download size limits, add new folders, and check free memory space here.
OTA Provisioning	Start the browser to download Java applications.
Memory	Check the used and free memory space

JAVA Settings

Before you can start to download JAVA applications, you have to adjust related Internet settings. Go to the menu: **Oper.Service** → **Wap** → **Wap Settings**, and **Oper.Service** → **Connect Settings**. See page 123 for more details.

After finishing the Internet settings, go to the JAVA menu: **JAVA** → **Java Settings**:

Default URL	Set the URL that provides download options for JAVA applications. Scroll to the URL entry you want and press  (Edit) to enter the URL. Then scroll to the URL you want to set as default and press  .
--------------------	--

Download Size	Set the maximum size for downloaded applications.
New Folder	Create a new folder

Download JAVA applications

1. To download JAVA applications from the Internet, go to menu: **JAVA → OTA Provisioning**. The default URL will show up on the display. Press



to start the browser, and connect to the web page.

- When the default URL shows on the display, you can enter a new URL to replace it, and connect to the new site.**

2. Before you start to download JAVA applications, the browser will show the information about the applications. After reading it press the appropriate key to download the applications.
3. After downloading, the browser will ask you whether to run the application directly:

- If you press to confirm, the JAVA application will be installed to **JAVA → Application Lists → Unfiled**, and the WAP connection will be terminated. When the installation is complete, you can press



to run the application. Or you can press or to quit JAVA and return to the browser.

- After you open a Java application, use the matching soft keys to execute the commands shown at the bottom of the main display.**

- If you press to reject running the application at once, after you install the Java application, you will return to the browser with the WAP connections still alive, and you can continue to browse the Internet.


Manage and run JAVA applications


To manage and run Java applications in your phone, go to the menu: **JAVA → Application Lists**. All JAVA applications are installed here. You can create sub-folders here to manager different applications.

- When you go to **Application Lists**, you will see a default sub-folder: **Unfiled**. All downloaded applications are first installed here. This sub-folder can neither be renamed nor deleted. After you enter **Unfiled**, choose the JAVA application you want first, and then you have the following options:







There are two built-in JAVA games in the Games folder. Follow the instructions of the games to play.

- Press  (**Classify**) to save the application to another sub-folder.

Scroll to the sub-folder you want and press .



To set up new sub-folders, go to menu: JAVA → Java Settings → New Folder. You have to set up at least one new sub-folder to be able to move a Java application from Unfiled to another folder.

- Press  (**Query**) to see the information about the application.
- Press  (**Delete**) to remove the application.
- Press  to see the application's executable files. Scroll to the executable file you want and press  to run the application.

- To add new sub-folders under **Application Lists**, go to menu: **JAVA → Java Settings → New Folder**.



Under Application Lists the sub-folders are sequenced according to the first letter of the folder name. You can only have a maximum of 8 sub-folders, including the default Unfiled.

Digital Camera

Your phone can be connected to an external digital camera to take photos.








For how to use the external digital camera, please refer to the accessories guide.

Album

This option contains the files of photos taken using the digital camera as well as images obtained from WAP, MMS, etc.

After you open the album, scroll to the desired image/photo, and you have the following options:

- Press  (**View**) to preview the image/photo. When previewing, press  (**Frame**) to add a frame to the image/photo; press  to preview the previous/next image/photo.
- Press  (**Rename**) to rename the image/photo.
- Press  (**Delete**) to delete the image/photo.

Melody Manager

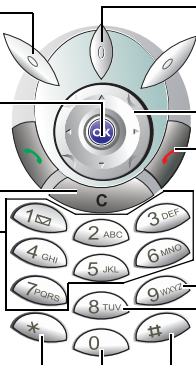
You can make your phone truly your own by composing your own ringing melodies. You can also record melodies from other sources.

Melody Composer

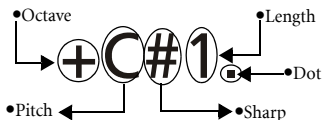
You can create up to **five** chord melodies to serve as ringing tones for incoming calls.

A chord melody is made up of two or more different tones. This melody composer feature allows you to create up to 3 different tones and mix them up to produce a chord melody.

Key presses for editing musical notes

- 
- Plays the tone you are editing.
 - Selects an instrument to play the tone you are editing.
 - Confirms notes entered.
 - Moves the cursor.
 - Deletes notes.
 - Back to the previous display.
 - Enters 1 beat pitch note--Do Re Mi Fa So La Si in a central octave (shown as "c1" ~ "b1").
 - Adjusts the length (beat) of a note: 1, 2, 4, 1/2, 1/4, 1/8.
 - Adjusts the octave of a note--central, higher (+), lower (-).
 - Adds/deletes a dot ".".
 - Enters the 1 beat rest "01".
 - Sets/deletes a sharp "#".

Note format



Editing musical notes

Entering a default pitch note

Press the appropriate number key ~ to enter the 1 beat Do Re Mi Fa So La Si in a central octave. The display shows: c1, d1, e1, f1, g1, a1 and b1 respectively.

The number “1” you see on the right of a pitch symbol indicates 1 beat. Nothing is shown on the display for the central octave as the central octave does not have a representative symbol.

Entering a rest

Press to enter the 1 beat rest: 01.

Adjusting the length of a note


The default length is 1 beat. Press the appropriate number of times to adjust the note length, which is indicated by the number shown on the right of a pitch note--2 (2 beat), 4 (4 beat), /2 (1/2 beat), /4 (1/4 beat), /8 (1/8 beat), 1 (1 beat).

Following are examples:

Description	Shown as
Central octave 1 beat So	g1
Central octave 2 beat So	g2
Central octave 4 beat So	g4
Central octave 1/2 beat So	g/2
Central octave 1/4 beat So	g/4

Description	Shown as
Central octave 1/8 beat So	g/8



Adjusting the octave of a note

The default note is set at the central octave. Press  the appropriate number of times to adjust the octave: “+” (higher octave), “-” (lower octave).

Following are examples:

Description	Shown as
Central octave 1 beat So	g1
Higher octave 1 beat So	+g1
Lower octave 1 beat So	-g1

Adding a sharp to a note



Press  to add a sharp “#,” which raises the note one semitone. To remove a sharp from a note, press  again.

 **The sharp “#” is not available for the pitch notes e and b.**

Following is an example:

Description	Shown as
Central octave 1 beat Fa sharp	f#1

Adding a dot to a note

Press  to add a dot “.”. The dot “.” represents half the length it follows. Press again  to remove a dot.

Following are examples:

Description	Shown as
Central octave 3/8 beat So	g/4.
Central octave 1 and 1/2 beat So	g1.

Steps for producing a chord melody

1. When you first enter the Melody Composer menu, scroll to and select **Add Entry**. You will see three channels available for you to choose from. Each channel is used to save one single tone that you have composed. Scroll to highlight the channel you want and press



to open up its composer display.

2. To compose a tone:



- Press the appropriate number key, ~ to enter a corresponding 1 beat pitch note in the central octave. Press for the 1 beat rest. Then you can adjust the note's octave and length, or add a sharp or dot if you want to.
- When finishing editing a note, directly press the appropriate number key ~ to start editing another note.
- If you want to modify a note when a few notes has been entered, press to scroll the cursor to highlight the note you wish to modify. Then press the appropriate keys to adjust the note's length, octave, sharp, etc.
- To insert a new note in between, scroll to highlight the note immediately following the note you are going to insert, and press the appropriate number key ~ to enter a new note.
- Press to delete a note highlighted by the cursor.



If you press to exit from the composer display, you will be asked to save the notes previously entered, press











to save the notes; press or to abort.

- While editing a tone you can press  (**Instru.**) to select the desired instrument used to play the tone. You can also press  (**Play**) anytime to listen to the tone.



There are 128 built-in instruments in your phone for you to choose from, but only 16 of them are shown on the main display. If you want to choose an instrument other

than the 16 shown, press  (Instru.**) and select **Inst.NO**, and enter the number of the desired instrument. See "Appendix" on page 156 for the list of the available musical instruments and their corresponding numbers, as well as the list of the 16 instruments displayed on the screen.**


3. When an initial tone is complete, press . This will take you back to the list of channels. Then you can write another tone by repeating the above steps.
4. When you have created all the tones you want and returned to the list of channels, scroll down to the end of the list and select **Time Beat** to set the time beat to the rhythm you want.
5. Press  (**Finish**). Your phone will automatically mix the tones you produced into a chord melody, and take you back to the melody composer menu showing the newly produced melody as User1.
-  **To exit from the melody composer at any point, you can press . You will then see a prompt "Save?". Press  to save the current composition; press  or  to abort the notes inserted this time and only keep what was saved last time.**
6. In the melody composer menu you can choose from the following:






Add entry

Composes another chord melody.

User1

When you scroll to highlight this newly created melody you can do the following:

 **You will have User2, User3 and so on if there is more than one melody produced.**

- Press  to listen to the melody.
- Press  (**Rename**) to change the melody's name.
- Press  (**Edit**) to revise the melody in the same way as described on the previous pages.
- Press  (**Delete**) then  to erase the melody.





Memory Size

Views free and occupied memories as well as numbers of free and used melody files.

Delete all

Selecting this option will delete all melodies produced.

Melody Play

You can listen to the melodies built in your phone, and the tones you have composed or downloaded from WAP and MMS. Scroll to the name of the melody you want to listen to and press  (**Play**) or  to play it. Except for built-in melodies, you can rename all other melodies by pressing  (**Rename**), and delete them by pressing  (**Delete**).

SyncML

SyncML enables your phone to synchronize transmission of data, images and audios with computer.



/Before you use SyncML, make sure you have installed SyncQ software in your computer.

Your phone can make connection with a computer via infra red port and data cable to synchronize data transmission.



Please read the accessories guide for details.






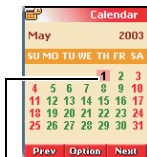
Organizer


Calendar

The Calendar feature is designed to make it easy for you to keep track of time and plan your day. You can use Calendar to set up memos for forthcoming events such as a meeting, an appointment, or a friend's birthday. Your phone will then work as a personal secretary to remind you about the events you have previously scheduled.

Setting up memos using the Calendar


1. The current date's calendar appears when you first open up the Calendar. You can jump to the previous or next month's calendar using  (Prev) and  (Next), and press  to move the color box horizontally or vertically to select the date you want.





-  **If you haven't set the current date yet, please do so in the menu: Phone Settings → Clock settings → Set Date. See page 150.**

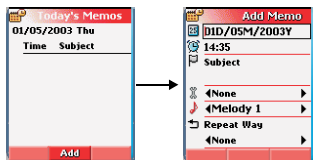
• Current date is highlighted when you open up the Calendar.

2. When the desired date is highlighted, follow either of the processes below to open the memo editor display:

- Press  (**Option**) and choose **Add Memo** to open the memo editor display.



- Press  to enter the highlighted date's empty memo list and press  (**Add**) to open the memo editor display.



3. On the memo editor display, you will set up a memo for the event(s) scheduled for the selected date by scrolling to and completing each of the following items:




If you want to change the date the memo is set up for, scroll the text box to this item and use the number keys to enter the desired date directly in the text box.



Scroll the text box to this item and set the reminder time for the memo using the appropriate number keys. When the selected date comes, the memo will pop up on the display and your phone--if set so--will ring or vibrate at the time set here, so that you will be alerted to the scheduled events for that date.



Scroll the text box to this item and write down the memo's subject in the text box.

Scroll to this option and set your phone to ring or vibrate at the reminder time as the selected date arrives, so that you will be alerted to the events scheduled for that date. Press  to choose from the following:

None: Your phone neither rings nor vibrates.




Ring Only: Your phone only rings to alert you to the scheduled events.

Vibrator Only: Your phone only vibrates to alert you to the scheduled events.

Ring & Vibrator: Your phone both rings and vibrates to alert you to the scheduled events.



Scroll to highlight this item and press  to select a ring tone (not adjustable if you select **None** or **Vibrator Only** to disable your phone's ringing reminder).




You can decide whether the memo will regularly alert you to the things you must remember for not just the selected date, but also the days following it.


For example, if a meeting is held every Thursday starting 2003/05/01, you can firstly select 2003/05/01 and then by selecting **Weekly** set the reminder to go off on Thursdays beginning with 2003/05/01.













Scroll to this item and jot down things scheduled for the date, such as meetings, appointments, etc. When the selected date comes, The notes you wrote will pop up on the display at the specified time.





4. When you have completed the above items, press  to save the memo to that date. The date's memo list will appear showing the newly saved memo's reminder time and subject.



The icon  will show on the left of a memo overdue or without a ring reminder set for it.

5. You can then choose from the following:

- Press  (**Edit**) to edit the memo by following steps 3 and 4.
- Press  (**Add**) to add a new memo.
- Press  (**Delete**) and then  to delete the memo.
- Press  to view the details of the memo. Then you can:
 - Press  (**Edit**) to edit the memo.
 - Press  (**Send**) to send the memo to others via SMS.
 - Press  (**Delete**) and then  to delete the memo.
 - Press  to display the details of the other memos set for the same date.

6. When the display shows the memo list of the selected date, you can press  to display another date's memo list and set up memos for that date.
7. When you are done setting up the memos, press  and  to get back to the calendar display.
8. On the calendar the dates memos have been set up for are highlighted in a colored box. To see the memo(s) set up for a particular date, scroll to that date and press . The memo list of the date will appear showing the saved memos. You can then scroll to highlight the memo you want and follow step 5 to manage the memo.

Using the Calendar's menu options.

From the calendar display, press  (**Option**) to choose one of the following options:

Today's Memos

Selecting this option lets you view the current date's memo(s). Scroll to the memo you want, and then you can decide on what you are going to do with the memo by following step 5 in *Setting up memos using the Calendar*.


Add Memo

Selecting this option lets you add a new memo to the date currently highlighted on the Calendar.

View All

You can browse all of the memos set up for different dates. You can scroll to the memo you want and then follow step 5 described in *Setting up memos using the Calendar* to manage the memo.

Go to Date

Enter the date you want and press . The memo list of that date will appear. You can then manage the date's memos by following step 5 described in *Setting up memos using the Calendar*.

Delete All Memos

Selecting this option and pressing  will delete all of the existing memos.





Alarm Setting

You can set your phone to alarm at a specific time.







Once set, the alarm will go off as the current time reaches the alarm time, even if your phone is powered off.

You have 4 different alarm settings. Choose one and follow the steps below to set the alarm:



1. Set the time at which the alarm goes off. Scroll the text box to the row in which the time is displayed and enter the hour and minute you want using the appropriate number keys.
2. Use  to set the alarm mode:
 - **Setting Off:** Alarm off
 - **Setting Once:** Alarm will go off only once.
 - **Setting Workdays:** Alarm will go off Monday through Friday. It will not go off on weekends.
 - **Setting Always:** Alarm will go off every day at the specified time.
3. Set the ring tone for the alarm. Scroll to highlight this option and press  to select the desired ring tone.
4. Set the vibration. Scroll to highlight this option and press  to turn the vibration on or off.
5. Set the snooze mode. When your alarm goes off, you can turn it off and go back to sleep. In a few minutes, the alarm will go off again. You can keep on doing this and go on sleeping. Scroll to highlight this option and press to  turn the snooze mode on (**Snooze On**) or off (**Snooze Off**).

When the snooze mode is turned on, you may also want to do the following:

- a. Set the period the snooze alarm waits before it goes off again. Press  to set the desired time period in minutes (e.g. **5 Min(s)**= five minutes). A maximum of 20 minutes can be set.
- b. Determine how many times the snooze alarm goes off again. Press  to set the number of times (e.g. **2 time(s)**= twice). You can set the alarm to go off up to 5 times.
6. Finally, you must press  in order to save all the alarm settings you have done. Once the alarm is set,  will appear on the status bar of the idle main display and external display.



You can do either of the following when the alarm goes off:

- If the snooze mode is activated, you can press  (Later) to turn the alarm off. The alarm will go off again after a specific length of time.
- Press  (OK) to turn off the alarm and get back to the idle display. The alarm will not go off until the alarm time arrives again (if you set the alarm to go off daily).

Schedule Power


This function allows you to have your phone automatically turned on and off at specific times, helping you save battery life.



Be sure to turn off the Scheduled Power feature when traveling on an airplane or in other situations where the use of the mobile phone is prohibited.

PowerOn Time

Here you will specify a time at which your phone is turned on automatically, and then determine whether your phone is turned on once or daily at the specified time:

1. Move the text box to the row in which the time is displayed and press the correct number keys to enter the hour and minute you want.
2. Scroll down one row and press  to set the mode to:
 - **Setting Once:** Your phone will be turned on automatically only once.
 - **Setting Always:** Your phone will be turned on daily at the specified time.
 - **Setting Off:** Your phone will never be automatically turned on.


PowerOff Time

Here you will specify a time at which your phone is automatically turned off, and then determine whether your phone is automatically turned off once or daily.

Hour Minder
















This option will activate/deactivate your phone's Hour Minder function. If you set the hour minder on your phone will beep once an hour like a digital watch.

Stopwatch




In this option you will see an analogue stopwatch which also serves as a countdown timer. The text on the top right of the display indicates the mode you are currently in. You can therefore press  to select the mode you wish to use.

Below are the instructions for using the stopwatch and countdown timer.

Using the stopwatch


1. Press  (**Watch**) to set the mode to stopwatch.
 2. Press  to start the watch.
 3. When the watch starts running, you can press  (**Record**) to save up to 10 lap times, and the display will show the numbers of the lap times being saved along the bottom of the display.
- 
4. Press  (**Stop**) to stop the watch. When the watch stops, you can press  to move the cursor to the lap time you want to check. Additionally, after the watch stops running, you can compare the differences of the other lap times against a particular lap time which is used as the comparison base. To do so, use  to move the cursor to the lap time you want to use as the base, and then press  (**Comp**) to list the time differences against the base.
 5. To resume the stopwatch, press  (**Resume**). To reset the watch to zero, press  (**Reset**). To exit from the stopwatch, press  or .
-  **Pressing  or  while the watch is running will stop and reset the watch, and then take you back to the Organizer menu.**

Using the countdown timer

1. Press  (**Timer**) to set the mode to countdown timer.
2. Press (**Set**) and specify the amount of time to count down using the appropriate number keys. A maximum of 59 minutes and 59 seconds can be set. When you are done entering the time, press  to set the time.
3. Press  and the timer starts counting down to zero. You can then use the timer in the same way you would the stopwatch.

Auto Time Zone

If you travel to a city in a different time zone, your operator will send you a reminder of the city's local time asking if you'd like to reset your phone's current time accordingly, so your phone will display the exact local time.

 **To check current local time for various locations around the world, choose the World Clock option.**

On

The time displayed on your phone will be reset automatically according to your operator's time zone reminder.

Notify

If you select this option your phone will ask for your confirmation before it resets its time display.

Off

















Your phone will continue to display the local time of your home country, ignoring the time zone reminder from your operator.

Calculator









You can use your phone as a handy calculator and currency convertor.

Using the calculator



Follow the chart below to enter numbers and arithmetic symbols.

Key	Number	Key	Number/Symbol/Function
	1		9
	2		0
	3		+ - * /
	4		Entering a decimal point.
	5		Clearing numbers or symbols/back to previous display if nothing is entered.
	6		Follow the display below: 
	7		Back to previous display.
	8		

To calculate a formula, say, $2 \times 5 + 6$:


1. Press  and press either  once or  three times, and then press .
1. Press  or  and then .
2. Press  to display the result as “16”.

Using the currency convertor





1. When the calculator display appears, enter the amount you want to convert in the text box and press  (**Options**).
2. Select the type of exchange rate you want to set. Select **Set Foreign Rate** to enter the rate for converting the amount to the desired foreign currency; select **Set Local Rate** to enter the rate for conversion to your local currency. When you are done entering the rates press .
3. Select the type of conversion you want to make. If you want to convert the amount to the desired foreign currency, select **To Foreign**. The converted amount will be displayed. If you want to convert the amount to your local currency, select **To Local**.




World Clock

This World Clock feature simultaneously displays current local time and date for major cities around the world.

 **To make use of the World Clock feature you firstly have to set your phone's time and date correctly. To do this please choose the menu: Phone Settings → Clock Settings.**

You can decide which cities' time and date you want to display. To do this:

1. Press  (**Edit**) to see a list of available cities.
2. Press  to roll over the list and highlight the city whose local time and date you want to display. Pressing  (**P.Down**) and  (**P.Up**) can jump to the next/previous page.

3. When the desired city is highlighted, press  (**Mark**) to check that city.
4. Repeat steps 2 and 3 to select other cities. The cities you have chosen will be indicated by a check mark. To unselect a city, press  (**Unmark**).
5. When you are done selecting the cities, press . You will then see the display showing the current time and date for the city (cities) of your choice.



Oper.Service

In this menu you can start a mobile Internet session using your WAP-enabled phone and enjoy the on-line services available from your operator or Internet Service Provider (ISP).



Your phone allows you to get access to the mobile Internet on both GSM and GPRS networks. If you have registered on a GSM network you must complete necessary WAP settings in order to connect to the Internet. If you have registered on a GPRS network you will need to finish both WAP and GPRS settings. Your network operator or Internet Service Provider (ISP) may have completed necessary WAP and GPRS settings for you when you have registered with them for WAP services. Please contact your operator and see if you need to do these settings on your own.

Additionally, you can enjoy the value-added SIM Tool Kit services available from your operator.

WAP

Activate








Choose to activate the browser and connect to the homepage.

WAP Settings

There are three sets of settings for three different WAP servers, whose default ISP names are **Wap1**, **Wap2**, and **Wap3** respectively.

When you switch on your phone for the first time with your SIM card inserted, your operator's ISP name rather than **Wap1** appears on the menu. That means your operator's WAP server settings will be stored under that name.

However, if no SIM card is present when your phone is turned on, **Wap1** will be left as it is on the menu without being replaced until manually changed.

- To adjust a WAP server's settings, scroll to the name of the server you want to change and press  (**Edit**), then you will see the following settings:
 - **Home Page:** This option allows you to designate the home page your phone connects to when logging on to the Web.
 - **Gateway Address:** Fill in the gateway address. For example: 10.1.1.1.
 - **Port Number:** Here you will enter the port data given by your service provider. For example: 9201.
 - To activate the desired WAP server, press  to scroll to the name of the server and press  to confirm.
 - To rename a WAP server, press  to scroll to the name of the server and press  (**Rename**) to enter a new name.
-  **If you do not enter anything under renaming editor and press , then WAP1/2/3 stays as the default name.**

Connect Settings

There are 6 sets of settings in total, 3 for GPRS networks, 3 for CSD networks. Before you log onto the Internet, you have to adjust and activate one set of settings as the default according to your network services. Only after you finish adjusting the settings can you start to use the Internet, MMS, and download JAVA applications.








CSD (Circuit Switch Data) refers to GSM Circuit Switch Data Services. Using CSD is like using a modem for a computer: you have to dial the service number before you can use the Internet. On the other hand, using GPRS is like using LAN within the company, without having to dial the service number. GSM users not applying for GPRS services can only use CSD.

When you first insert your SIM card, the phone will adjust the settings automatically according to the information in the SIM card.

GPRS Settings

If you use your phone on a GPRS network, you have to adjust and activate one of the 3 sets of settings intended for GPRS networks.

- Press  to scroll to the desired set of settings (**GPRS1/2/3**), and press  (**Edit**) to see the available settings:
 - **User ID:** Enter the user ID given by your ISP if required.
 - **Password:** Enter the password given by your ISP if required.
 - **APN Name:** Enter the APN (Access Point Name) provided by your ISP.
 - **DNS:** Enter the IP for your ISP's DNS (domain name server).
- To activate the desired set of GPRS settings, press  to scroll to the name of the settings and press  to confirm.
- To rename a certain set of GPRS settings, scroll to the name of the desired settings, and press  (**Rename**) to enter a new name.

CSD Settings

If you use your phone on a GSM network, you have to activate one of the 3 sets of settings intended for CSD networks. CSD settings are about the same as GPRS settings, and the major difference is that you need a dial-up number instead of APN for CSD settings.

STK

Your network operator provides this STK (SIM Tool Kit) menu. Depending on your SIM card and the services provided, there will be several extra options under this menu. However, if your network operator does not offer STK services, this menu will not be displayed on the display. For details, please contact your operator.



Call Record




Network support dependent.

This menu contains lists of calls you missed, sent and received, as well as records of call cost and duration.

Missed Calls

Displays the last missed calls.

Press  to scroll to the missed call you want to select. Then you can choose to view, edit or delete the number of the missed call. Scenarios are the same as described in the section "Last missed, dialed, and received calls" on page 38.

Received Calls

Displays the last received calls.

Scenarios are the same as described in the section "Last missed, dialed, and received calls" on page 38.

Dialled Numbers

Displays the last dialed calls.

Scenarios are the same as described in the section "Last missed, dialed, and received calls" on page 38.

Clear Call List

Deletes the records of recent calls all together or by the types of calls.

Delete All: Deletes the records of all recent calls.

Delete Missed: Deletes the records of all last missed calls.

Delete Received: Deletes the records of all last received calls.



Delete Dialed: Deletes the records of all last dialed calls.


Call Display



Your phone can display duration and cost information during a call or when a call ends, or in both circumstances.

 **Network support dependent.**

Show Call Timer

- **Call Active:** To display duration during a call, press  to highlight this option and press  (**Change**) to check the option's check box.

You can also press  (**Change**) again to uncheck this option.


- **Call End:** To display duration when a call ends, press  to highlight this option and press  (**Change**) to check the option's check box.

Show Call Cost

- **Call Active:** The display will display cost information during a call.

- **Call End:** The display will display cost information when a call is hung up.



You must press  to save the changes you have made to the above options.




Call Information

Here you can view the duration and cost of the calls you made as well as set up the unit price for calculating the cost.



Network support dependent.

Last call

The first line under this option shows the last call cost and the second line shows the last call duration. You can press  to scroll to the first line and press  to reset the last call cost to 0. Scrolling to the second line and pressing  will reset the last call duration to 0.

All calls

You can view the total duration and cost of calls made and reset the data to zero as described above.



You must enter PIN 2 before you are allowed to reset call cost to zero.



What is PIN2?

- **PIN2 is a second set of PIN that is mainly used to control limited services such as call cost limitation and fixed dialing numbers.**
- **If entered incorrectly three times in a row, PIN2 will be locked up. To unblock PIN2, you need to enter the PUK2 code. Please call the operator, and ask for PUK2.**

Received


You can view the total duration of calls received and then reset the data to zero.

Dialled

You can view the total duration of dialed calls and then reset the data to zero.


Cost units

This option allows you to first enter the unit price for calculating the cost and then a preferred currency base for calculating the cost of your calls.

 **PIN2 is required.**

Max cost

You can set a limit to the total call cost. If the call cost goes beyond that limit, the phone cannot be used to make a pay call. When this function is activated, the remaining cost will appear on the display.

 **PIN2 is required.**



Personalization

This menu allows you to program your phone's various settings as needed.

Profile

A profile is a group of settings that determine how your phone works and sounds. A profile contains settings such as ring tone, ring volume, vibration and alert tones. You can choose from five different profiles and customize each profile to suit your circumstances. By personalizing your phone you can ensure that it will alert you in a way that best fits the environment you are in.

Select Profile

You can select the profile that best suits your environment from the following:

Normal

This is the default profile.

Meeting

Settings are predefined for the circumstances of a meeting. (e.g. vibrator on, volume off, keypad tones off, etc.)

Outdoor

Settings are predefined for outdoor activities. (e.g. loudest ringing volume, vibrator on, Keypad tones on, etc.)
your phone.


Headset

This profile is only effective when the headset is connected to the phone.

Silent


Settings are predefined for occasions where silence is required. (e.g. ringing volume off, vibrator on, keypad tones off, etc.)

Edit Normal/Meeting/Outdoor/Silent/Car Profile

You can change the settings of each profile to suit a particular environment. Scroll to highlight the profile you want to change and press . You then have the following settings to change:


Ringing Tone

Your phone comes with a number of ringing melodies consisting of a 16-chord progression. These 16-chord melodies produce a variety of beautiful tunes. The melodies you composed or received from someone else are listed in this option as well.

Scroll to the melody you want and wait for about 1 second to hear the highlighted melody. Press  to confirm your choice.

Ringing Volume

Adjusts ringing volume or mutes the ringing tone. If you choose

Off,  will pop up on the status bar of the idle display.

Earpiece Volume

Adjusts earpiece volume.

Vibrator

If you turn on the vibrator your phone will vibrate to alert you to incoming calls. Your phone vibrates when you scroll to select **On** in this option.

Keypad Tone

This option determines whether or not keypad tones are sounded by any key presses.

Warning Tone

This option determines whether warning tones will be made to alert you to various conditions in your phone. (e.g. network registration, battery low).

DTMF Tones

This option determines whether DTMF tones are sounded with any key presses during a call.

Message Alert

This option determines whether your phone will sound to alert to you incoming messages.


Language

You can select the language used to display information.



If you wish to use the default language setting locked in the phone memory, select Automatic.


Default Input

You can set the default input mode that comes along with the editor displays of the phone book, message, and calendar features. Scroll to highlight the input mode you want to use and press  to confirm.



Display

This menu enables you to adjust the display settings.

Color Design

You can select the desired display color for the status bar, menus and prompt boxes. Scroll to the color you want and the display will display the color you have selected. Press  to confirm your setting.

Contrast Level

Press  to adjust your phone's display contrast to the desired level. The effects of the selected level will be shown on the display. Press  to confirm your setting.

Menu Style

You can set the main menu to be displayed in the List Mode or Icon Mode. Scroll to and select the mode you want.


Backlight Period

You can adjust your phone's backlight duration.

Backlight Timer

If you set the backlight timer on, during the period the timer is on, the backlight would function normally, switching on and off according to how your phone works. Once the timer is off, the backlight will be completely switched off too (i.e. unable to switch on under any circumstances). To set the backlight timer, you will need to complete the settings below:

Repeat Way

Press  to set the timer to the mode you want:

- **Daily:** The timer turns on the backlight function daily at specific times every day.
- **On Once:** The timer turns on the backlight function only once.

- **Off:** The timer is disabled.


Once the timer is set, you will be able to set the times at which the timer turns on and off the backlight function:

On Time



Set when the timer turns on. Scroll the text box to the row where the time is displayed and enter the desired time using the corresponding number keys.

Off Time

Set the time when the timer turns off.

 **You are not allow to set time when the timer is disabled (when the Repeat Way option is set to off).**

Backlight Level



You can adjust the brightness level of your phone's backlight. The backlight will be turned on the minute you touch any key on the keypad or when your phone receives a call, message, etc. Press  to adjust the brightness to the desired level and press  to confirm your setting.

Animation

You can specify the animation to be displayed on the main display when you turn on/off your phone.

Power On

Here you will specify the greeting animation to be displayed when you switch your phone on. Scroll to the animation you want and

press  (**View**) to have a look at the animation. Press  to confirm your choice.

Power Off

Here you will specify the good-bye animation to be displayed when you switch your phone off.


Screen Saver

You can set up the screen savers for the idle external display and main display.



Sub LCD

Here you will specify the screen saver to be displayed on idle external display.

Standard



You can select this option if you do not want to display any screen saver on the idle external display. The idle display will always display phone and network information by default after your phone is turned on. Scroll to this option and press  to set the idle external display to the standard mode.

Clock

If there is no incoming call and you leave the external keys untouched for about 30 seconds during the idle mode, a digital clock will appear on the external display. When you receive a call, press the external soft keys, or open the flip, the external display will return to idle mode. Scroll to this option and press  (**View**) to preview the clock, and press  to activate it.

Animation 1/2

If there is no incoming call, and you leave the external keys untouched for about 30 seconds during the idle mode, the animation you have selected will play on the idle external display. The display switches back to the default setting (standard mode) if an incoming call arrives, or when you touch the external keys or open up the flip.

Scroll to the animation you want, and then press  (**View**) to see what the highlighted animation is like. Press  to confirm your choice.

Main LCD

Here you can choose the screen saver to play on the idle main display.

Standard



You can select this option if you do not want to play any screen saver on the idle main display. If you select this option, the idle main display will always show phone and network information by default after your phone is turned on.

LCD Off




If there is no incoming call, and you leave the keypad untouched for about 30 seconds during the idle mode, the display goes blank automatically to save power. The display function will be turned on automatically if a call arrives, or when you touch any key on the keypad.

Clock

If there is no incoming call, and you leave the keypad untouched for about 30 seconds during the idle mode, a digital clock image will appear on the idle display showing the current time. The default idle display will return if a call arrives or when you touch any key on the keypad.

Scroll to this option and press  (**View**) to preview the digital clock image. Press  to choose it.

User Defined



Before you choose to view this setting, you have to make your own animation first. Press  (**Settings**) and you will see a list of all photos stored in your phone. Press  to mark the photos you want to use in the animation (4 photos max.) Lastly press  to confirm your selection and make **User Defined** your default animation.

If there is no incoming call, and you leave the keypad untouched for about 30 seconds during idle mode, this **User Defined** animation will show up on the idle main display. The display switches back to the default setting (standard mode) if a call arrives or when you touch any key on the keypad.



Wallpaper

You can choose the wallpaper to show on the idle main display.




Calendar

The calendar appears on the idle main display if you select this option. Press  (**View**) to have a look at the calendar and press  to confirm your choice.

Clock

The analogue clock appears on the idle main display if you select this option. Press  (**View**) to have a look at the analogue clock and press  to confirm your choice.



Wallpaper 1/2/3/4/5

Scroll to the animation you want to display and press  (**View**) to have a look at the wallpaper. Press  or  (**Save**) to confirm your choice.

Photos and downloaded images

The photos taken using your phone's external digital camera as well as the images downloaded from WAP and MMS messages can also be used as wallpapers.









When you press  (**View**) to view a photo/image, you can press  to view the next/previous photo/image directly.

Quick Access

You can set up a Q.Access menu of your own by choosing which features you want readily available, so the features you use most frequently are accessed using the minimum number of key presses. For how to access Quick Access menu from the idle display, see page 46. Below is the list of features for you to add to the Quick Access menu:

Option	Functionality
Alarm	Setting the alarm clock.
Backlight Level	Adjusting the backlight level.
Calculator	Using the Calculator feature.
Calendar	Using the Calendar feature.
Game	Access the Games menu to select a game you'd like to play.
Inbox	Reading received messages.
Java	Accessing the Java applications.
MMS	Accessing the MMS menu.
New Message	Writing a new message.
Phone Book	Accessing the Phone Book menu.
Power Off Animation	Setting the Power Off animation.
Power On Animation	Setting the Power On animation.
Screensaver	Setting the screensavers for the idle external display and main display.
Set Date	Setting your phone's date.
Set Time	Setting your phone's time.
Stopwatch	Using the Stopwatch/Countdown timer.
Wallpaper	Setting the wallpaper to be displayed on the idle main display.
World Clock	Displaying local time and date for major cities around the world.

To set up your Quick Access menu:

1. When the above list appears, press  or  (**P.Up**) and  (**P.down**) to scroll through the list and highlight the item you want to add to the Quick Access menu, and then press  (**Mark**) to check the item. To unselect an item, scroll to highlight the marked item and press  (**Unmark**) to unselect it.
2. When you are done selecting the items you want available in the Quick Access menu, press  to save the settings. The items listed in the Q.Access menu will be indicated by a check mark.



- **The Quick Access menu must have exactly 12 twelve features, so you must select exactly 12 features to be included in the Quick Access menu.**
- **Each feature in the Quick Access menu can only be assigned to one single location. There is no repetition of the same feature in the Quick Access menu.**



Phone Settings

Call Settings

This menu provides following options to manage your calls.

Call Waiting

When you are speaking over your phone and another call comes in, an incoming call number and a call waiting message will appear to alert you. Choose to activate, cancel or check the status of this feature.



The call waiting services are only available if you have subscribed to them with your operator.

Show Your Number


You can decide whether to display your number on the recipient's display when you make a call.



Minute Minder

Your phone will beep every minute during a call if you select **On** to activate this option.

Call Divert

You can select several call diverting modes. When you don't need a particular diverting mode any more, you can deactivate it individually.

 **Call Divert services are only available if you have subscribed to them with your operator.**


 **When a divert mode is activated,  1 will appear on the idle display.**

Divert All Calls

Activating this option will divert incoming calls to another designated phone number at all times.

Activate

This option will enable you to divert all types of network services including voice calls, messages, fax and data calls.

To enable this divert mode, enter the phone number to divert to and press .

Cancel

Selecting this option will disable this diverting mode.

Enquire Status

Shows the status of this diverting mode.

By Service

Here you can decide the service type you wish to divert. The options are:

- **All Services:** Diverts all types of services.
- **Voice Calls:** Diverts voice calls.
- **Data:** Diverts data calls.
- **Fax:** Diverts fax calls.
- **Messages:** Diverts messages.
- **All Except Msgs:** Diverts all calls except messages.

In each of the above options you will also need to enter the phone number to divert to.

Divert When Busy

This option will transfer incoming calls if your phone is busy. Settings are the same as for **Divert All calls**.

Divert On No Answer

This option will transfer incoming calls if you do not answer the call. Settings are the same as for **Divert All calls**.

Divert When Unfound

This option will transfer incoming calls when your phone is off or roaming in an area beyond the coverage range of your network. Settings are the same as for **Divert All calls**.



Cancel All

This option will enable you to cancel the diversion of incoming calls.

Connected Alert

This feature allows your phone to sound a ding-dong, vibrate or flash its backlight when a call you have made is answered.

Answer Mode

There are three ways to answer a phone call: by opening up your phone's flip, by pressing , and by pressing any key except , which is used to reject a call.

This option allows you to select the answering mode that best suits your needs.

Network Settings

Normally the selection of the network used by your phone is automatic. When turning on your mobile phone, it automatically connects to the network you have registered on or the one currently available for you when roaming in an area beyond the coverage range of your original network.

This menu enables you to select an appropriate network manually if you wish to change the network you are connected to. The network and band selections must be supported by your operator.

Automatic

The phone will perform another network search to select the most appropriate network available to you.

Manual

Your phone will list all of the networks found for you to choose from.



Not all of the networks listed may be available to you. Please refer to your network operator for further details.

Security Settings

This menu ensures the security of your phone by setting PIN check, phone code, SIM lock etc., as well as limitations on particular outgoing and incoming phone calls.



- **To protect your phone, the Security Settings menu requires you to enter the handset code before you can access the menu to set options. The default handset code is 1234.**
- **To change the handset code, go the Handset Lock option.**

Set PIN1

PIN (Personal Identification Number) is a password provided by your network operator. Once activated, your PIN protects your SIM card from being used by unauthorized people, even if it is inserted in another phone, unless the correct PIN is given when the phone is switched on.



If you have entered the wrong PIN 3 times in a row, your SIM card will get blocked. To unblock your SIM card, You need to enter the PUK (Personal Unblocking Key) of the card. Please call your operator to ask for the PUK. After your SIM card is unblocked and your phone is powered on again, the PIN code will be enabled automatically.

Enable

This option allows you to enable the PIN check. You must enter your PIN to enable the PIN check.

Disable




This option allows you to disable the PIN check. You must enter your PIN to disable the PIN check.

Change PIN1



This option is only available when the PIN check is activated.

To increase your phone's security you can change the preset PIN to a number only you know.

To change your PIN, first you will enter the original PIN and press , and then enter the new PIN and press . Enter the new PIN again and press  to confirm.

Handset Lock

Your phone can be locked to prevent calls being made by unauthorized people, unless the correct handset lock code is entered when your phone is switched on. Your phone remains locked if a wrong code is entered, even if your SIM card is removed and replaced with another one. Only emergency calls can be made when your phone is locked.

You must enter your phone lock code every time you power on your phone when the phone lock is on (there is no limitation on the number of wrong attempts when you enter the phone code).

You can set the phone lock in the same way you set PIN check in **Set PIN1**.

Change Network Password

You can change the network password. Ask your operator for the network password.

Network Call Barring

You can ask your operator to block certain types of calls. The following call barring services may be available from your network operator.

Bar Foreign Calls

Activating this option will stop all outgoing international calls from your phone. This is particularly useful when you are abroad.

Here you can decide the type of outgoing international calls you wish to restrict. The options are:

All Services: Stops all types of outgoing international calls.

Voice Calls: Stops outgoing international voice calls.

Data: Stops outgoing international data calls.

Fax: Stops outgoing international fax calls.

Messages: Stops outgoing international SMS messages.

All Except Msgs: Stops all types of outgoing international calls except SMS messages.

You must enter the network password available from your operator to enable/disable any of the above options.

Bar Incoming Calls

This option stops all incoming calls to your phone. Settings are the same as those in **Bar Foreign Calls**.

Bar Incoming if Abroad

Activating this option will stop any calls being received when you are in another country (Roaming). Settings are the same as those in **Bar Foreign Calls**.

Only Local and Home Country

This option stops all outgoing calls except local calls and international calls made to your home country. Settings are the same as those in **Bar Foreign Calls**.

Bar Outgoing Calls

This option bars all outgoing calls from your phone. Settings are the same as those in **Bar Foreign Calls**.

Clear All

This will cancel all of the call barring settings you have added. You must enter the network password to cancel the settings.

Fixed Dialling

Fixed dialling allows you to limit the use of your phone, typically by a friend or family member, to only the numbers stored on your fixed dialling list. If a number being dialed does not match any of the numbers on the list, the call is blocked.

 **You will be required to enter PIN2 when you are using Fixed Dialling.**



If entered incorrectly three times in a row, PIN2 will be locked up. You will then need the PUK2 code to unblock PIN2. Please call your operator, and ask for the PUK2 code.

Fixed Dial Settings

This option enables/disables the fixed dialling feature. You will be asked to enter PIN2 when you enable/disable Fixed Dialling.

Fixed Dial List

After you turn on the fixed dialling function, you must set up a fixed dialling list in your phone book. You must enter PIN2 and then add numbers to your phone book. Add names and numbers in the same way you would with a phone book entry.

After a list is established, you can then add, edit and delete entries of your fixed-dial numbers.

When you turn on Fixed Dialling, you can only call the numbers on the fixed-dial list.

Change PIN2

To increase your phone's security you can change the preset PIN2 to a number only you know.


MEP SIM Lock

With this SIM lock feature, you can prevent unauthorized use of your phone with an unknown SIM card.

When you have the SIM lock activated your phone will only work with the SIM card used to enable the lock. If a new SIM card has been inserted into your phone, “SIM MEP Locked” will pop up after you

power on and enter the PIN. Press  and the SIM lock code (shown as **Enter PCK** on the display) will be requested.

If the incorrect code is entered when a new SIM card has been inserted into your phone, “SIM MEP Locked” will be displayed again, and the phone will not be enabled until the correct SIM lock code is entered.

 **If you have entered the wrong SIM lock code 10 times in a row, you will never be able to enable your phone using the new SIM card.**

If the correct code is entered the SIM card will be recognized and you can use the phone as normal. The next time your phone is switched on with this newly recognized SIM card, you will not be asked to enter the SIM lock code again.

Your phone can recognize up to 3 different SIM cards.

To activate the SIM lock you need to enter and save a number only you know as the SIM lock code. (There is no factory preset SIM lock code). The length of the code must be set between 8 to 12 digits.


To deactivate the SIM lock you also need to enter the SIM lock code that you previously saved in your phone memory.

To change the SIM lock code you must firstly deactivate the SIM lock and then enter the new code you want when activating the SIM lock again.


Clock Settings

This menu allows you to set time and date and customize the ways they are displayed on the idle display.


Set Time

You can set the current time to be displayed on the idle display. To set the current time, enter the hour and minute using appropriate number keys and then press  to confirm.




If you select the 12-hour format in the Time format option, you can switch between AM or PM by pressing .

Time Format

This option determines whether the current time is displayed in 12-hour format or in 24-hour format. Scroll to select the format you want to use and press .

Set Date

You can set the current date to be displayed on the idle and Calendar displays. Press number keys to enter the year, month and day and press .

Date Format

This option determines how the current date is displayed on the idle display.

Display Options

You can choose to display the current time or date only, or both. You can also choose not to display either time or date on the display.

Auto Redial

If you make a call that is not answered, your phone will redial the number continuously.

Off

Disables the Auto Redial feature.

Auto Redial

If you make a call that is not answered, your phone will automatically redial up to 10 times before the call is answered.

Prompt Redial

Your phone will ask for your confirmation before it redials.

Reset Settings

Resets the following settings to factory default.

- Profile
- Language
- Contrast
- Backlight Level
- Power On/Off Animation
- Screen Saver
- Wallpaper

7

CARE AND MAINTENANCE

Please note the following guidelines to ensure the optimum life and usage of your mobile phone:

- Keep your mobile phone and its accessories out of small children's reach.
- Keep your phone dry. Do not use at extreme temperatures. Temperatures above 55°C (131°F) or below -20°C (-4°F) may cause damage to your phone.
- Do not use or store your phone in dusty or dirty areas if possible.
- Do not disassemble the phone.
- Do not use harsh detergents to clean the phone.
- If your mobile phone or its accessory is not working properly, contact your dealer immediately.
- Use only genuine BenQ batteries, battery chargers and accessories to ensure proper phone function and battery life. Any malfunction or damage caused by the use of third-party accessories will void the product warranty.
- Keep battery contacts and the charging socket at the bottom of your phone away from direct contact with conductive objects which may cause a short circuit and result in danger.

8

WHAT TO DO IF...


If you encounter any problems using your mobile phone, please refer to the following table. If the problem persists, please contact your dealer.

Problem	Possible cause	Solution
Poor signal reception	• You are using your mobile phone in a location (e.g. in the basement or building) where signal is weak.	Move to a location where signal can be received properly.
	• You are using your mobile phone in a call-crammed time (e.g. the rush hour).	Avoid using your mobile phone in such time, or try later.
	• You are too far from the base station of your network operator.	You can ask your network operator for a service range map.
Echo or noise	• The network trunk quality of your network operator.	Hang up the phone and dial again. You can be switched to a better-quality network trunk or line.
	• Poor local telephone line quality.	
The standby time becomes short	• The standby time depends on the system settings of your network operator.	If you are in a location where the signal is weak, turn your phone off for the time being.
	• The battery needs to be replaced.	Use a new battery.
	• If the phone cannot get connected to a network, it will continue searching for the signal from the base station, which consumes battery capacity.	Change your location or turn off your phone temporarily.
You can't switch your phone on	• Battery has run out.	Recharge the battery if necessary.

Problem	Possible cause	Solution
SIM card error	• SIM card is out of order.	Send it to your network operator for test.
	• SIM card is not inserted properly.	Insert SIM card correctly.
	• SIM card contacts are dirty.	Clean the SIM card contacts using a soft, dry cloth.
You can't connect to the network	• SIM card is invalid.	Contact your network operator.
	• You are away from the service area.	Check the service area with your network operator.
	• Poor signal.	Move to an open space, or if you are in a building, move closer to a window.
You can't send messages	• Your network operator does not support this service.	Contact your network operator.
You can't answer incoming calls.	• You have put certain kind(s) of calls on the blacklist.	Go to the menu: Phone Book → Black/White List → Settings , and select Close All .
	• You have asked the operator to bar certain types of incoming calls.	Go to the menu: Phone Settings → Security settings → Network Call Barring , and select Clear All .

Problem	Possible cause	Solution
You can't make phone calls	<ul style="list-style-type: none"> You have asked the operator to bar certain types of outgoing calls. 	Go to the menu: Phone Settings → Security settings → Network Call Barring , and select Clear All .
	<ul style="list-style-type: none"> You have turned on the fixed dialling option. 	Go to the menu: Phone Settings → Security Settings → Fixed dialling → Fixed Dial Settings , and select Disable .
Your PIN is blocked	<ul style="list-style-type: none"> You have entered a wrong PIN three times in a row. 	Contact your network operator, or use the PUK code of the SIM card if provided by your network operator.
The battery won't charge	<ul style="list-style-type: none"> The battery or charger is out of order. 	Contact your dealer.
	<ul style="list-style-type: none"> The phone temperature goes below 0°C or above 45°C. 	Change the charging environment.
	<ul style="list-style-type: none"> Poor connection. 	Check if the charger is properly connected.
You can't key in data into your Phone Book	<ul style="list-style-type: none"> Your Phone Book memory is full. 	Delete some data from your Phone Book.
You are not able to use certain functions	<ul style="list-style-type: none"> Your network operator doesn't support these functions, or you do not subscribe to them. 	Contact your network operator.

APPENDIX

- **Appendix 1:** Below is the list of the musical instruments you can choose from while composing your own melody. To select an instrument you wish to use, simply key in its corresponding number and press .

01=Acoustic Grand Piano	09=Celesta	17=Drawbar Organ
02=Bright Acoustic Piano	10=Glockenspiel	18=Percussive Organ
03=Electric Grand Piano	11=Music Box	19=Rock Organ
04=Honky-tonk Piano	12=Vibraphone	20=Church Organ
05=Electric Piano 1	13=Marimba	21=Reed Organ
06=Electric Piano 2	14=Xylophone	22=Accordion
07=Harpsichord	15=Tubular Bells	23=Harmonica
08=Clavichord	16=Dulcimer	24=Tango Accordion

25=Acoustic Guitar (nylon)	33=Acoustic Bass	41=Violin
26=Acoustic Guitar (steel)	34=Electric Bass (finger)	42=Viola
27=Electric Guitar (jazz)	35=Electric Bass (pick)	43=Cello
28=Electric Guitar (clean)	36=Fretless Bass	44=Contrabass
29=Electric Guitar (muted)	37=Slap Bass 1	45=Tremolo Strings
30=Overdriven Guitar	38=Slap Bass 2	46=Pizzicato Strings
31=Distortion Guitar	39=Synth Bass 1	47=Orchestral Harp
32=Guitar Harmonics	40=Synth Bass 2	48=Timpani

49=String Ensemble 1	57=Trumpet	65=Soprano Sax
50=String Ensemble 2	58=Trombone	66=Alto Sax
51=SynthStrings 1	59=Tuba	67=Tenor Sax
52=SynthStrings 2	60=Muted Trumpet	68=Baritone Sax
53=Choir Aahs	61=French Horn	69=Oboe
54=Voice Oohs	62=Brass Section	70=English Horn
55=Synth Vox	63=Synth Brass 1	71=Bassoon
56=Orchestra Hit	64=Synth Brass 2	72=Clarinet

73=Piccolo	81=Lead 1 (square)	89=Pad 1 (new age)
74=Flute	82=Lead 2 (sawtooth)	90=Pad 2 (warm)
75=Recorder	83=Lead 3 (calliope)	91=Pad 3 (polysynth)
76=Pan Flute	84=Lead 4 (chiff)	92=Pad 4 (choir)
77=Blown Bottle	85=Lead 5 (charang)	93=Pad 5 (bowed)
78=Shakuhachi	86=Lead 6 (voice)	94=Pad 6 (metallic)
79=Whistle	87=Lead 7 (fifths)	95=Pad 7 (halo)
80=Ocarina	88=Lead 8 (bass + lead)	96=Pad 8 (sweep)

97=FX 1 (rain)	105=Sitar	113=Tinkle Bell
98=FX 2 (soundtrack)	106=Banjo	114=Agogo
99=FX 3 (crystal)	107=Shamisen	115=Steel Drums
100=FX 4 (atmosphere)	108=Koto	116=Woodblock
101=FX 5 (brightness)	109=Kalimba	117=Taiko
102=FX 6 (goblins)	110=Bag pipe	118=Melodic Tom
103=FX 7 (echoes)	111=Fiddle	119=Synth Drum
104=FX 8 (sci-fi)	112=Shanai	120=Reverse Cymbal

121=Guitar Fret Noise		
122=Breath Noise		
123=Seashore		
124=Bird Tweet		
125=Telephone Ring		
126=Helicopter		
127=Applause		
128=Gunshot		

- **Appendix 2:** Your phone displays the following musical instruments which are selected from the above list.

Piano=05=Electric Piano 1	Trumpet=57=Trumpet
Glockenspiel=10=Glockenspiel	Saxophone=65=Soprano Sax
Music Box=11=Music Box	Clarinet=72=Clarinet
Marimba=13=Marimba	Flute=74=Flute
Organ=19=Rock Organ	Crystal=99=FX 3 (crystal)
Guitar=27=Electric Guitar (jazz)	Sitar=105=Sitar
Violin=41=Violin	Steel drum=115=Steel Drums
Harp=47=Orchestral Harp	Drums=119=Synth Drum

