



VOXSON LIMITED

Research and Development

Integrations Group

Haier Handset User Manual

Document Number: VXD113066

Revision: 1.4

Issue Date: 24 February 2005

**Voxson Limited
231 Holt Street
Eagle Farm
Queensland
Australia 4009**

Tel: +61 7 3868 1277

Fax: +61 7 3868 1370

Proprietary and Confidential Information

All rights reserved. No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, magnetic, mechanical, optical, chemical, manual or otherwise, without the prior written permission of Voxson Limited



0.1 Document Authorisation

Author(s): Tony Bennetts
Title: Project Manager
Email : tony.bennetts@voxson.com.au

0.2 Revision Control

<i>Revision</i>	<i>Issue Date</i>	<i>Nature of Amendment</i>
1.0	2 June 2004	New User Manual Document
1.1	20 September 2004	Update to Reflect Haier Structure
1.2	8 December 2004	Updated to Reflect Haier Menu Structure
1.3	13 Janaury 2005	Updated with FCC ID compliance statements
1.4	24 February 2005	Updated with FCC ID compliance statements

0.3 Document Information

This document was created in Microsoft Word 2000 using standard document template QF1

The document is located in:

0.4 Glossary of Terms and Abbreviations

0.5 References

None

0.6 Document Classification

This document is defined as a:

- Class B Document – Issue Controlled, internal and external distribution



Table of Contents

1	Introduction.....	7
2	Important Safety Items.....	8
3	Unpacking	10
4	Your Mobile Phone.....	11
4.1	Components of your mobile	11
4.1.1	Front View Diagram – Mobile Open	11
4.1.2	Front View Diagram – Mobile Closed	11
4.1.3	Rear View Diagram	12
4.1.4	Keypad View Diagram	12
5	Key Pressing Functions - Simple Explanation	13
6	Main Display Layout	14
6.1	Inside Display Screen	14
6.2	Outside Display Screen	15
7	Getting Started.....	16
7.1	Install SIM card.....	16
7.2	Recharging Battery.....	16
7.2.1	Recharge Battery in Mobile Phone.....	16
7.2.2	Battery Level Indication	16
7.2.3	Turn On/Off mobile.....	16
7.3	Mobile Modes	17
7.3.1	Idle Mode	17
7.3.2	Call Mode.....	17
7.3.3	Keypad Lock	17
8	Call Functions	18
8.1	Make A Call.....	18
8.2	Dialling International or Long Distance Call	18
8.3	Use Phonebook to Send a Call	18
8.4	Redial Previously Dialed Number	18
8.5	Adjust Volume	18
8.6	Edit Number	18
8.7	End a Call.....	19
8.8	Reject a Call	19
8.9	Receive a Call	19
8.10	Check Missed Calls	19
8.11	Quick Mute Mode Switching.....	19
8.12	Hold a Call.....	20
8.13	Switch Between Calls	20
9	Using the Menu	21
9.1	Scrolling with the Navigation Keys	21
9.2	Menu Shortcuts	21
10	Menu Functions	22
10.1	Book.....	22
11	Phonebook.....	23
11.1	Search.....	23
11.2	Add New.....	23
11.3	Groups	23
11.4	Copy All.....	23
11.5	View All	24
11.6	Delete All.....	24
11.7	Memory Capacity.....	24
11.8	Business Cards	24
11.8.1	Search	24
11.8.2	Add New	24
11.8.3	Details.....	24
12	SMS.....	25



12.1	Write Message.....	25
12.2	Inbox	25
12.3	Unsent.....	26
12.4	Sentbox.....	26
12.5	Settings	26
12.6	Info Messages	26
12.7	Voicemail.....	26
12.8	Capacity	27
13	History	28
13.1	Call Lists.....	28
13.1.1	Missed Calls.....	28
13.1.2	Incoming Calls.....	28
13.1.3	Outgoing Calls.....	28
13.2	Call Timers	28
13.3	Call Charging.....	28
14	Profiles	29
15	Phone Settings.....	30
15.1	Inside Screen	30
15.1.1	Backgrounds	30
15.1.2	Greeting Text	30
15.1.3	Backlight	30
15.1.4	Contrast	30
15.1.5	Network Name	30
15.1.6	Time & Date	31
15.1.7	Profile Name	31
15.2	Outside Screen.....	31
15.2.1	Backgrounds	31
15.2.2	Contrast	31
15.2.3	Network Name	31
15.2.4	Time & Date.....	31
15.3	Language	31
15.4	Clock.....	32
15.4.1	Set Time	32
15.4.2	Time Format.....	32
15.4.3	Date Format	32
15.4.4	Display Mode	32
15.5	Security	32
15.5.1	Password	32
15.6	Speed Dial.....	33
15.7	Text Input	33
15.7.1	Changing Text Input Mode	34
15.8	Service Indicators	34
15.9	Factory Reset	34
16	Call Settings.....	36
16.1	Redial.....	36
16.2	Call Waiting	36
16.3	Call Forward	36
16.4	Network	37
16.4.1	Search Mode.....	37
16.4.2	Band	37
16.5	Minute Minder.....	37
16.6	Send Own Number	37
16.7	Call Connect.....	37
17	Games	39
18	Accessories.....	40
18.1	Alarms.....	40
18.1.1	Alarm 1, 2 or 3.....	40
18.1.2	Auto On/Off	40
18.2	To Do List.....	40
18.3	Calendar.....	40



18.4	World Clock.....	41
18.5	Calculator.....	41
18.6	Stopwatch.....	41
18.7	Voice Record.....	41
18.8	IP Dial.....	41
18.9	Call Guard.....	42
18.9.1	Black List.....	42
18.9.2	White List.....	42
18.9.3	Settings.....	42
18.10	Privacy Guard.....	42
18.11	My Files.....	42
18.11.1	Images.....	42
18.11.2	Sounds.....	43
18.11.3	Manage.....	43
18.12	Service Numbers (SDN).....	43
19	WAP.....	44
19.1	Home Page.....	44
19.2	Haier Fairyland.....	44
19.3	Bookmarks.....	44
19.4	Go to URL.....	44
19.5	Settings.....	44
19.5.1	Profiles.....	44
19.5.2	Push Service.....	44
19.5.3	Cache.....	45
19.6	Clear Cache.....	45
19.7	Push Inbox.....	45
20	Camera.....	46
20.1	Take Picture.....	46
20.2	Settings.....	46
20.2.1	Auto Naming.....	46
20.2.2	Image Size.....	46
20.2.3	Frequency.....	46
20.2.4	Quality.....	46
20.2.5	Flash.....	46
20.2.6	Shutter.....	46
20.2.7	Quick Key Shortcuts.....	47
	Images.....	47
21	MMS.....	48
	Write Message.....	48
21.2	Inbox.....	48
21.3	Sent Box.....	48
21.4	Settings.....	49
21.4.1	Profiles.....	49
21.4.2	Sent Reports.....	49
21.4.3	Keep Sent Messages.....	49
21.5	Management.....	49
22	Reference Information.....	50
22.1	Passwords.....	50
22.1.1	Mobile Phone Password.....	50
22.1.2	Barring Password.....	50
22.1.3	Personal Identification Number (PIN).....	50
22.1.4	Personal Identification Number 2 (PIN2).....	50
22.1.5	Personal Unlock Key (PUK).....	50
22.1.6	Personal Unlock Key 2 (PUK2).....	50
22.2	Alternate Lines Service (ALS).....	50
22.3	Call Barring.....	50
22.4	Call Diversion.....	50
22.5	Call Holding.....	51
22.6	Call Waiting.....	51
22.7	Dual Tone Multiple Frequency (DTMF).....	51



22.8	Hands Free.....	51
22.9	Global System for Mobile (GSM).....	51
22.10	Liquid Crystal Display (LCD).....	51
22.11	Light Emitting Diode (LED)	51
22.12	Line Recognition Service	51
22.13	Roaming.....	51
22.14	Subscriber Identity Module (SIM).....	51
22.15	Short Message Service (SMS).....	51
22.16	Multi Media Short Message Service (MMS).....	52
22.17	Soft Keys.....	52
22.18	Voicemail Box.....	52
23	Battery Usage Precautions.....	53
24	Maintenance	54
25	Trouble Shooting	55



1 Introduction

This document is the specifications for the customer user manual for the Voxson Haier handset.



2 Important Safety Items

Please read these guidelines carefully before using your mobile phone, in order to avoid danger or breaching the law.

Battery

Do not short-circuit battery. If metal object come into contact with the exposed electrodes, this may cause short-circuit thereby causing damage to property and / or causing personal injury. In order to prevent the electricity discharge, recharged batteries should be stored properly.

Safety precaution when driving

Please do not use the mobile phone when driving. If it is necessary, please first stop the vehicle.

Mobile must be switched off when boarding an airplane

Please **switch off** mobile before boarding a plane as it may cause interference. It is illegal to use mobile phones on an airplane. The on/off mobile alarm function needs to be deactivated before boarding a plane.

Mobile must be switched off in the neighbourhood of explosive

In order to avoid interfering with explosive operations, the mobile phone must be switched off when there are signs i.e. " Explosion scene " or " Turn off two ways wireless radio ". Pay attention to the restriction notices, related rules, and local regulations.

Mobile must be switched off when near dangerous goods

Please **turn off** the mobile phone when you go near a petrol station, flammable and chemical goods storage facilities.

Mobile must be switched off in hospital

Please **switch off** the mobile phone when you are near hospital equipment with notices stating mobile phones are not allow to be used.

Interference

All mobile phones may be subject to interference, which could affect the performance of the mobile phone.

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

FCC RF Exposure Information:

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as requested by the FCC for each model.

The exposure standard for wireless mobile phones employs a unit measurement known as the Specific Absorption Rate or SAR. The SAR limit set by the FCC is 1.6W/kg.* Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for this model phone when tested for use at the ear is 1.37 W/kg and when worn on the body, as described in this user's guide, is 1.56 W/kg. The FCC has granted an Equipment Authorisation for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.



*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. SAR compliance for body-worn operations is restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 1.5 cm separation between the device, including its antenna, whether extended or retracted, and the user's body.

The use of third-party and/or non-tested accessories may not comply with FCC RF exposure requirements and should be avoided.

Parts and battery

Only accessories and batteries approved by the manufacturer can be used with this mobile phone.

Use mobile sensibly

When using the mobile phone only use in the normal manner (held to the ear). Avoid unnecessary contact with the antenna.

Emergency dialling

Make sure mobile is turned on and within services area. Enter emergency number then press the Send key to place a call. Be prepared to report your current position and do not end an emergency call without permission.

Warning: Any changes or modifications not expressively approved by Haier could void the user's authority to operate this equipment.



3 Unpacking

The mobile package contains below items:

In addition, you may purchase below parts from local suppliers:

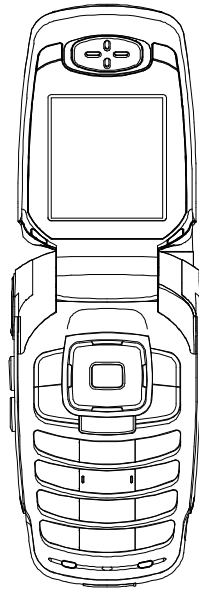


4 Your Mobile Phone

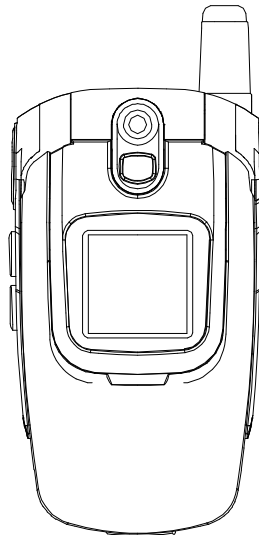
4.1 Components of your mobile

The diagrams below detail the structure of your mobile phone.

4.1.1 Front View Diagram – Mobile Open

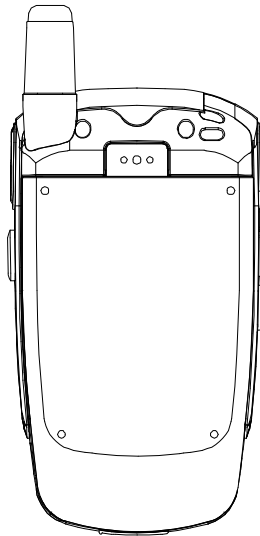


4.1.2 Front View Diagram – Mobile Closed

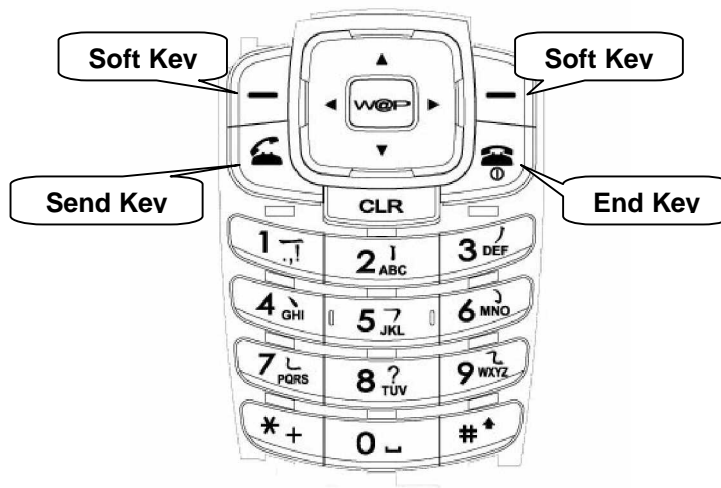




4.1.3 Rear View Diagram



4.1.4 Keypad View Diagram





5 Key Pressing Functions - Simple Explanation

Key	Description
Left/right Soft Keys	Left/right soft keys are used to carry out the corresponding operation of last line on display screen.
Arrow Keys	Under various menu options, you can scroll through various menu or phonebook listings.
W@P Key	In idle mode, this key will attempt a connection to the Internet if the Browser function is correctly configured.
Send key	Used to send or receive a call. In idle mode, it redial the last number dialled.
End key	Used to end a call, or with a 2 second prolonged press will turn your mobile phone on or off. Can also be used to exit from the menus back to idle mode.
Number Keys	Enter numbers, characters or some special signs.
*, #	Depending on the different functions being used at the time, these keys will have different usage.
Left Side Key	Cover closed: - activate background light of sub display. Incoming call state (cover closed): - a short press will mute the ringtone. Incoming call state (cover closed): - a long press rejects the call. In idle mode and cover opened: - adjusts ring tone volume. While on a call: - adjusts the conversation volume. In edit state: - provide character selecting function, page-turning function.
Right Side Key	Cover Closed: - One press activates camera and display on the outside LCD screen. Second press takes photo. Cover Open: - One press activates camera and display on main LCD screen. Second press takes photo.
Navigation Key ▲	Menu shortcut to: Missed Calls, Incoming Calls, Outgoing calls, Groups and Service Directory Numbers
Navigation Key ▼	Menu shortcut to: Normal profile, Meeting profile, Outdoor profile, Driving profile and Quiet profile
Navigation Key ◀	Menu shortcut to: Calendar, To Do List, Calculator, World Clock, Alarms
Navigation Key ▶	Menu shortcut to: SMS Inbox, MMS Inbox, Write SMS, Write MMS, Voicemail



6 Main Display Layout




6.1 Inside Display Screen

Display screen includes 3 parts: (screen diagram)



Icon	Icon Description	
	Battery Level Low	Displays when battery level is low.
	Recharge battery	Indicates battery is recharging.
	Battery level Full	Displays when battery charging is complete.
	Unread SMS	Displays when there are SMS text messages to read.
	Voicemail	
	Missed calls	Displays when a call is missed.
	GPRS	Displays when GPRS calls are possible.
	Mobile Phonebook Full	Displays when the mobile phonebook is full.
	SIM card full	Displays when connecting to GPRS or when SIM card full
	Alarm clock	Displays when alarm has been set.
	Vibration alert	Displays vibration function is turned on.
	Roaming	Indicates the signal strength for GSM reception while



	Roaming	Indicates the signal strength for GSM reception while roaming.
	Reception	Indicates the signal strength for GSM reception.
	Call Divert	Call Divert is active

6.2 Outside Display Screen

There is a small display (LCD) screen on the top surface of the mobile phone. When the mobile cover is closed and there is incoming call, SMS, or an Alarm has occurred, a corresponding message will appear on this screen.

When the mobile phone cover is closed, you can press the left side key to activate the backlights and view the current date and time, as well as, the network service provider. The backlights will stay lit for a designated period and then turn off.

You can set up the waiting time before background lights are turn off, the display of the date and time and the display of the network service provider via mobile menu Phone Settings section 15.



7 Getting Started

7.1 Install SIM card

You need to insert a valid SIM card that is provided by your GSM/GPRS network service provider before you can use your mobile phone.

Note: SIM card and its contact area are easily scratched or bent, therefore handle with care while inserting or removing the SIM card. Always follow the SIM card manufacturers recommendation when using the SIM card and place the SIM card out of reach of children.

Turn mobile off by pressing the **End Key** for approximately 2 seconds.

To insert SIM card:

- Push buckle located on the top of battery downward, while body remains stationary
- Slide the battery down towards the bottom of your mobile phone
- Insert SIM card and make sure the slanted corner lines up with bottom panel, and the metal contact points on your SIM card face downward
- Refit battery ensuring that the protruding part of battery lines up with the concave part at the bottom of your mobile phone
- Press battery down and up towards top of mobile phone until there is a click sound and it is in the position

Note: Make sure battery is fitted correctly before your mobile phone is turned on.

7.2 Recharging Battery

A rechargeable lithium battery powers your mobile phone. Only the designated battery and charged can be used with your mobile phone.

Note: Before using your mobile for the first time the battery must be fully charged.

7.2.1 Recharge Battery in Mobile Phone

Your mobile phone can be used while the battery is charging:

- Fit battery into mobile phone and connect the portable charger plug to the connector at the bottom of mobile phone.
- Connect portable charger to suitable power plug. Your mobile phone is being charged when the battery icon on the mobile phone scrolls non-stop from blank to full.
- After recharging is complete the battery icon becomes solid. Disconnect the charger from the power plug and then disconnect the mobile phone connections.

Note: When unplugging or plugging the charger connector, first depress the side buttons on the connector plug.

7.2.2 Battery Level Indication

When the battery level is low, you will see an empty battery icon. When the battery is about to run out the screen will display a "Battery level low" warning. If the battery level is too low, the mobile will turn off automatically. If you are in the middle of a call, it will then the call will be disconnected.

7.2.3 Turn On/Off mobile

Press **End Key** for approximately 2 seconds to turn your mobile phone on.

Note: If SIM PIN number verification has been set up in your mobile, please enter SIM PIN number at the prompt, if phone PIN number has been set up please enter phone PIN number, then press soft key **Select**, your mobile will then attempt to connected to the network (refer Security options in section 15.5).



After your mobile phone finds a network, the network operator and other relevant information will display on the screen. If your mobile phone is outside of a service area, the screen will display 'Emergency' or 'No Network Service', in this situation, you cannot make or receive calls; you can only regain network services after entering a network service area.

When you want to turn the mobile off, press **End Key** approx for 2 seconds.

Note: When mobile is turned on, do not touch antenna, if antenna is touched; it may affect quality of the call.

7.3 Mobile Modes

7.3.1 Idle Mode

When you press **Send Key** to turn on the mobile phone it will enter idle mode after gaining access to a GSM network. While in idle mode, you can view the current date and time as well as other network related information.

Note: If you press the **End Key** during a call, you will return to idle mode and the call will be disconnected.

7.3.2 Call Mode

You can only make or receive a call when the mobile phone is turned on and you are in a network-serviced area. While in Calling Mode you can still access other menu functions by pressing the left or right soft keys.

7.3.3 Keypad Lock

This function can be used to lock the keypad to avoid pressing keys inadvertently. In idle mode, you can press the **#** key for 2 seconds to lock the keypad immediately. To unlock, press the **#** key for 2 seconds.



8 Call Functions

8.1 Make A Call

To make a call:

- In idle mode, key in area code and phone number
- Press **Send Key** to make the call

Note: When entering numbers, pressing the * key can insert a pause sign 'P' (i.e. in between switchboard number and extension number, the later number will be sent a few seconds after the first number has been sent).

Note: If you have set up the auto redial function and there is no answer or the line is busy, the mobile will redial that number automatically.

8.2 Dialling International or Long Distance Call

- Press * twice, "+" sign will appear on the screen immediately
- Enter country code, area code, and phone number then press **Send Key** to make the call.

8.3 Use Phonebook to Send a Call

To select a phone number from the Phonebook while in idle mode:

- Press soft key **Book**
- Press ▲, ▼ to scroll through available contacts
- Press soft key **Options**
- Press ▲, ▼ to scroll to **Dial** then press soft key **Select**

8.4 Redial Previously Dialed Number

Your mobile phone can store the 10 most recently called numbers:

- Press ▲ to display the calls short cut list
- Press ► to scroll to **Outgoing Calls**
- Press **Select** to display the list of calls and use the ▲, ▼ keys to select an item
- Press **Select** to make the call

8.5 Adjust Volume

During a call, you can use the volume control keys on the left side of your mobile phone to adjust the volume. Press the upper volume control key to increase volume and the lower key to decrease the volume.

8.6 Edit Number

Clear	Key operation
Last character on display screen	Clear button
Other positions of numbers	Press ◀, ▶ key to move cursor to correct position then press Clear key
All numbers	Press Clear key continuously



8.7 End a Call

When you finish a call, please press **End Key**. You can also close the cover to end a call. When a call is ended the screen displays call time and number information. If this number has been entered into the Phonebook, then the name of incoming caller is also displayed.

8.8 Reject a Call

When there is incoming call, press the **End Key** to reject the call or press either of the left side keys to turn the ringtone off for that call only.

8.9 Receive a Call

When receiving a call your mobile phone will transmit a ringtone and/or vibrate depending on your settings. If you have the incoming number recognition function activated (please contact your network service provider to enable this service) the incoming number will be displayed and the name of the caller will be displayed if their name has been stored into the Phonebook.

- If your mobile phones answer style is set up as **Any** key, press any key to receive a call (You can press any key except **End Key** to receive call).
- If answer style is set up as **Receive** key, you must press the **Send Key** to receive call.
- If answer style is set up as **Open Cover**, a received call is answered immediately when the cover is opened.

After finishing a call, close cover or press **End Key** to end the call.

Note: When you receive a call while using the menus in your mobile phone you use of the menus will be disrupted to notify you of the call.

8.10 Check Missed Calls

If an incoming call is not answered, you can check who has called you (please contact your network service provider to activate this function) and if required, you can return the call. The number of missed calls will be displayed on both the inside and outside screens.

If you want to check for a missed call:

- If cover has not been opened, the screen on the cover displays there is a missed call
- If cover has been opened, press soft key **View** to enter the Missed Call Numbers List.

Missed call handling options are:

- Press **▲**, **▼** keys to scroll between missed calls
- Dial selected number, press soft key **Select** then **Dial**
- To store in your Phonebook, press soft key **Options**, then **Copy**

Reminder: You can view missed calls from "Missed Calls" of "Call History" menu.

8.11 Quick Mute Mode Switching

You can quickly switch your mobile to mute mode by prolonged pressing on the left side key.

When there is an incoming call, press side key for 2 seconds to enter the mute mode. You only need to press the side key for 2 seconds again to switch to the normal mode.

Note: Your mobile phone provides many available functions during a call and the menu options will change depending on the current call situation. Most of these functions may not be required when you are on a call and these functions need to be supported by your network service provider.



8.12 Hold a Call

This function allows you to set the current call on Hold. If you are currently on a call and would like to make another call, then:

- Press soft key **Hold**, to keep the current call
- Press soft key **Menu** and make a call.
- Press soft key **Back** when you want to resume the call that was held.

If there is a call waiting press **Send Key** to answer the call. The current call is held automatically.

8.13 Switch Between Calls

When you are on a current call and have a call that is already on Hold, press soft key **Switch** to switch between calls. To disconnect a particular call switch to that call press soft key **Disconnect** or the **End Key** to end the selected call.

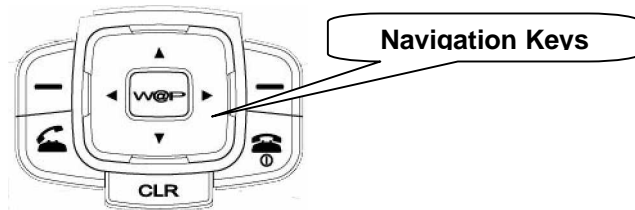
Note: Your mobile can receive a SMS during a call, SMS messages can be read immediately without having to end the call. You can also send a SMS during a call.



9 Using the Menu

Your mobile phone provides a range of functions to allow you to setup and use your mobile phone to meet your requirements. These functions are arranged in a menu and submenus structure.

Scrolling with the navigation keys (i.e. pressing the ▲, ▼ or ◀, ▶ keys) allows you to access the menus and submenus.



9.1 Scrolling with the Navigation Keys

- In idle mode, press soft key **Menu** to enter the top-level menu. Pressing the ▲, ▼ or ◀, ▶ keys will allow you to cycle through the menu options.
- Access to the submenu options for the top-level menu is achieved by pressing soft key **Select**.
- If the menu selection contains submenus press the ▲, ▼ key to scroll through the submenu options and press soft key **Select** to access that selection

If the submenu you have selected contains further options, repeat the process of using the ▲, ▼ keys to scroll through the various submenus.

Note: Press the soft key **Back** to return to last menu level or press the **End Key** to exit back to idle mode.

9.2 Menu Shortcuts

All submenu options after the top-level menu have numbers assigned to them. To go to an option in a submenu quickly, press the number key for the menu option required.



10 Menu Functions

A series of functions provided by your mobile phone allows you to customise your mobile phone to meet your requirements. Access to these functions is through a branched Menu structure where menus and submenus can be selected by the **Left** soft key or the **Right** soft key (refer Using the Menu in section 9). Each menu selection will allow you to view, use, and set up specific information or function.

The role of soft keys will vary according to the menu options and the previous selection. The display at bottom of the inside screen indicates the usage of the soft key.

10.1 Book

You can enter phone numbers and corresponding information for your contacts into the SIM card or the memory of your mobile phone. Although physically the SIM card and mobile phone are separate they can be treated as one item during operation. The number of items stored in the SIM card and Phonebook depends on the type of SIM card being used. Your mobile phone can store 500 items in its memory.



11 Phonebook

The Phonebook function allows you to use your mobile phone as a personal assistant that will maintain your personal and business contacts and manage your schedule or to do list.

11.1 Search

To search for a contact:

- Press soft key **Search** then **Select**
- Enter the name (or part of name) of a contact to search for then press soft key **OK**

Your mobile phone will attempt to match the characters with names in your Phonebook. If you press soft key **OK** without entering any characters then all names will be returned and you can view all options by using the **▲**, **▼** keys to scroll through the list.

When viewing details, press soft key **Option** to access the following functions:

- **Delete** - delete selected item
- **Modify** - edit name and number of selected item
- **Copy to Phone or SIM** - if current item is in the mobile phone Phonebook, and then copy to SIM Phonebook and from SIM to Phone
- **Add to Group** - include this contact in existing groups
- **Dial** - place a picture into the details for this contact

11.2 Add New

This function allows you to enter a new contact into the mobile phones Phonebook.

To add a name:

- Press the soft key **Select** to enter the name then press soft key **OK**
- Enter the number then press soft key **OK**

You are then presented with the option to save the new contact **To SIM** or **To Phone**. Press the **▲**, **▼** keys to make a selection then press soft key **Select**.

11.3 Groups

This function allows incoming and outgoing calls to be restricted to a selected user group. You can define up to 10 user groups and allocate numbers to specific groups. Press the soft key **Select** to **View** existing user groups and Press **▲**, **▼** key to scroll through the list and press the **Options** so that you can either:

- **View** available Groups
- **Add New Name**
- **Delete** the user group
- **Modify** the name of the user group
- **Settings** to customise ringtones for **Incoming Calls**, **SMS** and **MMS** messages

11.4 Copy All

Copy Phone to SIM - allows you to copy selected items between mobile phone and SIM card memory.

Copy SIM to Phone - allows you to copy selected items between SIM card and mobile phone memory.



11.5 View All

This function allows you to view all contacts in the mobile phones Phonebook.

11.6 Delete All

This function allows you to delete all items in mobile phone memory.

- **Delete SIM** - allow you to delete all items in SIM card memory.
- **Delete Phone** - allow you to delete all items in phone memory.

11.7 Memory Capacity

This option allows you to check total memory space and number of items already used in SIM Phonebook and mobile Phonebook

11.8 Business Cards

The Business Cards function of your mobile phone allows you to maintain and store a greater level of detail on your contacts than the Phonebook function.

With Business Cards you can store the following information:

- **Name**
- **Mobile** number
- **Office** number
- **Home** number
- **Fax** number
- **Email** address

11.8.1 Search

This function allows you to scroll through your Business Cards contacts based on any of the fields identified above. If want to view other items, press ▲, ▼ keys to scroll through the list.

11.8.2 Add New

This function allows you to enter a new contact into your Business Cards.

To add a contact:

- Press the soft key **Select**
- Enter the name then **Edit** to enter the details for each field
- Press ▲, ▼ keys to scroll through the list and press soft key **OK** to save the new contact to the Phone.

11.8.3 Details

This function allows you to check total capacity for Business Cards (200 contacts can be stored) and the number of items already used.



12 SMS

Your mobile phone supports a number of different message types:

- Short Message Service (**SMS**)
- Multi-Media Short Message Service (**MMS**)
-
-
-
-
- **Voicemail Messages**
- **Information Messages**

Note: Before sending out text and multimedia messages you need to contact your network provider to obtain the correct Service Centre access number for SMS messages and the correct network settings for MMS messages.

Your mobile phone can store 30 incoming and outgoing messages (different SIM cards stores different numbers). If the SIM card is already full, the mobile will display the SIM card memory full icon and automatically store information into your mobile phones memory. If both the SIM card and the mobile phone are full, the mobile phone cannot receive or store any more new SMS messages. When both memories of SIM card and the mobile phone are full you will need to delete old SMS messages before new messages can be received.

12.1 Write Message

This option allows you to create an SMS message.

To write a SMS message press soft key **Select** then follow the following actions:

1. Edit the message to be sent
2. When the message is complete, press soft key **Options** to access the following:
 - Send to One** number
 - Send to Many** numbers
 - Clear Text**
 - Save Draft**
 - Close Editor**
3. If you choose to send the message, enter the phone number or select the number from the Phonebook
4. Press soft key **Select**, to send the message (a copy of the message is stored the **Sent box** automatically, if send has failed or cancelled it is saved to the **Outbox**).

Note: When the SMS message length exceeds 160 characters or 70 Chinese characters, the SMS message will be sent as multiple SMS messages.

12.2 Inbox

This option stores both SMS messages you have received. When you receive a new message, the new message icon will be displayed on the screen. To view messages in the Inbox, press soft key **Select** and then choose the message to view.

When viewing messages, you can press the soft key **Options** to perform the following operations:

- **Open**
- **Delete**
- **Reply**
- **Forward**



12.3 Unsent

This option stores SMS messages that you have composed but not sent. To view unsent messages, press soft key **Select** and then choose the message to view.

When viewing unsent messages, you can press the soft key **Options** to perform the following operations:

- **Open**
- **Delete**
- **Reply**
- **Forward**

12.4 Sentbox

This option stores both SMS messages you have sent. To view messages you have sent, press soft key **Select** and then choose the message to view.

When viewing sent messages, you can press the soft key **Options** to perform the following operations:

- **Open**
- **Delete**
- **Reply**
- **Forward**

12.5 Settings

This option allows you to set up the message service for Voicemail and SMS messages. To setup your message services, press soft key **Select** and then **Voicemail** or **SMS**.

Note: Voicemail and SMS are functions provided by your network provider and you will need to contact your network provider for details on the setting required.

-

12.6 Info Messages

Info messages are Cell Broadcast messages, which provide public information sent by a network provider to their GSM mobile users. These messages provide summary information on a range of topics (i.e. weather broadcast, traffic condition, share market situation etc). Each type of information has a specific information type number or channel. When you receive broadcast information, it will display on the screen automatically (if the information is too long to fit on the screen, press ▲, ▼ to scroll through the message). When new channel information arrives, your mobile phone will save it.

Functional options available to manage your information messages are:

- **View Messages** – display received messages
- **Channel List** - select the channels lists you would like to receive.
- **Languages** - when displaying Cell Broadcast information, select the language that is used to display Cell Broadcasts.
- **Receive Messages** - select to accept or reject broadcast information, select **On** to accept broadcast information, or select **No** to reject

12.7 Voicemail

When you receive a new voicemail, a new message icon will be displayed on the screen. Through this menu, voice messages in your voicemail box can be accessed and listened to.



If your mobile phone has stored voicemail box number, it will dial this number automatically, otherwise, your mobile phone will prompt you to enter the service centre number is required.

Note: Voicemail service is a function provided by your network provider and you will need to contact your network provider for details on the service centre number required.

12.8 Capacity

This function allows you to view available message storage capacity on both your mobile phone and SIM.



13 History

Through this function, you can see the call history of your mobile phone, as well as, other call related information:

- **Call Lists**
- **Call Timers**
- **Call Charging**

This history not only records the number and name of incoming call (if this number has a corresponding name in the Phonebook) but also records the date and time of these calls.

13.1 Call Lists

13.1.1 Missed Calls

This function allows you to preview the 10 most recent missed calls. For available call handling functions please refer to Check Missed Calls in section 8.10.

13.1.2 Incoming Calls

This function allows you to preview the 10 most recent incoming numbers. For available call handling functions please refer to Call Functions in section 8.

13.1.3 Outgoing Calls

This function allows you to preview the 10 most recent outgoing numbers, includes numbers that were connected, as well as, calls that were not connected. For available call handling functions please refer to Call Functions in section 8.

13.2 Call Timers

This menu can be used to view the time of outgoing calls and incoming calls as well as the duration of each call.

To access press soft key Select then:

- **Last Call** - display the time used by the last call.
- **Incoming Calls** - display total time used by all incoming calls since the timer was reset.
- **Outgoing Calls** - display total time used by all outgoing calls since the timer was reset.
- **Total Calls** - display total time used by all calls since the timer was reset.

13.3 Call Charging

This menu can be used to view the number of messages both sent and received for SMS and MMS messages and also the data transfer and sessions time statistics for GPRS connections.

Pressing the ▲, ▼ keys will allow you to cycle through the following menu options:

- **Data Counters** – **Select** this option to view individual **Session Data** or the **Total Data** transfer statistics in bytes.
- **Session Times** – **Select** this option to view the duration of the **Last Call** or the duration of **Total Calls**.
- **Clear Counters** – **Select** this option to reset all data counters and session time information.



14 Profiles

The profiles function provides a quick and convenient way to reset your mobile phone setting for a particular environment (e.g. to set your mobile to not ring when you are in a meeting, or increase the volume of the ringtone when outside or driving). Each profiles has a factory default, however you can adjust each profile to suit your requirements.

The profiles available are:

- **Normal** - all functions are the default setting or as set individually by you
- **Quite** - only basic answer and call functions are available
- **Meeting** – set to not ring or vibrate
- **Outdoor** – set to ring at maximum ring volume and vibrate and the keypad is set to lock immediately.
- **Driving** - auto answer function is turned on

To activate or modify a profile:

- Press the ▲, ▼ keys to select either **Normal**, **Quite**, **Meeting**, **Outdoor**, **Driving**, or then press soft key **Select**
- Press the ▲, ▼ keys to select either **Activate**, to turn on the selected profile or **Modify**, to set the individual functions such as:
 - Incoming Call** – set the Tone (ringtone sound), Type of ring (normal, escalating, or pip), Volume of ringtone, Vibrate, Flashing Lights, and Answer Mode
 - SMS** - set the Tone (ringtone sound), Type of ring (normal, escalating, or pip), Volume of ringtone, Vibrate, and Flashing Lights
 - MMS** - set the Tone (ringtone sound), Type of ring (normal, escalating, or pip), Volume of ringtone, Vibrate, and Flashing Lights
 - Key Volume** – key pad volume
 - Alerts** – which alerts will or will not be sounded
 - Alert Volume**

You can also **Rename** the individual profiles.



15 Phone Settings

This function allows you to set how your mobile phone will operate and includes setting options for **Language, Themes, Call Settings, Network, Browser, Inside Screen, Outside Screen, Clock, Text Input, Phonebook, Security, Own Number, and Factory Reset.**

15.1 Inside Screen

This function allows you to set up how the inside screen on your mobile phone displays information, as well as, adjust the contrast and backlight settings.

15.1.1 Backgrounds

The **Backgrounds** function can be used to set up the background image (often referred to as wallpaper) for the inside LCD screen.

To change the background:

- Press soft key **Select**
- Press the ▲, ▼ keys to highlight **Predefined, Photo, or Downloaded** and press soft key **Select**
- Press the ▲, ▼ keys to scroll through available images and press soft key **Select**

15.1.2 Greeting Text

You can edit the greeting your mobile phone displays when the mobile is turned on.

To include or change the greeting:

- Press soft key **Select**
- Edit you greeting then press soft key **Select** to save

Note: Your greeting is limited to 15 characters and spaces.

15.1.3 Backlight

This function allows you to set the amount of time the backlights in your mobile phone remain on after using your mobile phone.

To adjust the time backlights stay on:

- Press the ▲, ▼ keys to select **Backlight** then press soft key **Select**
- Press the ▲, ▼ keys to select **After 15s, After 30s, or After 60s** then press soft key **Select**
- Press the ▲, ▼ keys to adjust the contrast of the screen to the desired level then press soft key **Select**

15.1.4 Contrast

To adjust the contrast:

- Press the ▲, ▼ keys to select **Contrast** then press soft key **Select**
- Press the ▲, ▼ keys to select **Inside Screen or Outside Screen** then press soft key **Select**
- Press the ▲, ▼ keys to adjust the contrast of the screen to the desired level then press soft key **Select**

Repeat the above operation for both the Inside Screen and the Outside Screen.

15.1.5 Network Name

This function allows you to specify whether the network providers name appears on the inside and outside screens.

To activate this option:

- Press the ▲, ▼ keys to select **Network Name** then press soft key **On** to activate or **Off** to deactivate.



15.1.6 Time & Date

This function allows you to specify whether the time and date information appears on the inside and outside screens.

To activate this option:

- Press the ▲, ▼ keys to select **Time & Date** then press soft key **On** to activate or **Off** to deactivate.

15.1.7 Profile Name

This function allows you to specify whether the selected profile name appears on the inside screen.

15.2 Outside Screen

This function allows you to set up how the outside screen on your mobile phone displays information, as well as, adjust the contrast and backlight settings.

15.2.1 Backgrounds

The **Backgrounds** function can be used to set up the background image (often referred to as wallpaper) for the inside LCD screen.

To change the background:

- Press soft key **Select**
- Press the ▲, ▼ keys to highlight **Predefined**, **Photo**, or **Downloaded** and press soft key **Select**
- Press the ▲, ▼ keys to scroll through available images and press soft key **Select**

15.2.2 Contrast

To adjust the contrast:

- Press the ▲, ▼ keys to select **Contrast** then press soft key **Select**
- Press the ▲, ▼ keys to select **Inside Screen** or **Outside Screen** then press soft key **Select**
- Press the ▲, ▼ keys to adjust the contrast of the screen to the desired level then press soft key **Select**

Repeat the above operation for both the Inside Screen and the Outside Screen.

15.2.3 Network Name

This function allows you to specify whether the network providers name appears on the inside and outside screens.

To activate this option:

- Press the ▲, ▼ keys to select **Network Name** then press soft key **On** to activate or **Off** to deactivate.

15.2.4 Time & Date

This function allows you to specify whether the time and date information appears on the inside and outside screens.

To activate this option:

- Press the ▲, ▼ keys to select **Time & Date** then press soft key **On** to activate or **Off** to deactivate.

15.3 Language

Select the language mode you require so that all menus and messages will be displayed in the language of your choice.

The choice of languages will depend on the region you are in, but will include some of the following:



- English
- Simplified Chinese
-

Press soft key **Select** then press the ▲, ▼ keys to scroll through the available language. Press **Select** to choose a language.

15.4 Clock

This function allows you to set the current time and date and also format how the time and date are displayed on your mobile phone.

15.4.1 Set Time

To adjust the time:

- Press the ▲, ▼ keys to select **Set Time** then press soft key **Select**
- Press the ▲, ▼ keys to select **Time Format**, **Date Format**, or **World Clock** then press soft key **Edit**
- Press the ▲, ▼ keys to adjust the individual numbers and press the ◀, ▶ to move between the date or time fields.
- Press **OK** when you have completed the adjustment

15.4.2 Time Format

To adjust the time format:

- Press the ▲, ▼ keys to select **Time Format** then press soft key **Select**
- Press the ▲, ▼ keys to select **12hr**, or **24hr** then press soft key **Select**

15.4.3 Date Format

To adjust the date format:

- Press the ▲, ▼ keys to select **Date Format** then press soft key **Select**
- Press the ▲, ▼ keys to select **DD/MM/YY**, **MM/DD/YY**, or **YY/MM/DD** then press soft key **Select**

15.4.4 Display Mode

To adjust how the time is displayed:

- Press the ▲, ▼ keys to select **Display Mode** then press soft key **Select**
- Press the ▲, ▼ keys to select **Digital**, or **Analog** then press soft key **Select**

15.5 Security

Your mobile phone has a number of security methods to prevent your mobile phone and SIM card from being used without your consent.

15.5.1 Password

Your mobile phone and its SIM card can use many passwords, these passwords offer different levels of protection for your mobile phone and SIM card.

15.5.1.1 **SIM PIN1**

You can set up your mobile phone to request that the SIM card PIN number is required when your mobile phone is turned on. Without your **SIM PIN1** number, no one can use your mobile phone SIM card.

To enable this function:

- Press the ▲, ▼ keys to select **SIM PIN1** then press soft key **Select**
- Press the ▲, ▼ keys to select **Enable** then press soft key **Select**

To change your **SIM PIN1**:

- Press the ▲, ▼ keys to select **SIM PIN1** then press soft key **Select**



- Press the ▲, ▼ keys to select **Change PIN** then press soft key **Select**
- Enter old **SIM PIN1** number, press soft key **Select**
- Enter new **SIM PIN1** number using 4 to 8 digits, press soft key **Select**
- Re-enter new **SIM PIN1** number, press soft key **Select**

The screen will indicate if your **SIM PIN1** was successfully changed.

15.5.1.2 **Phone PIN**

In addition to the SIM card security function, you can also ensure that your mobile phone cannot be used without your consent even if another SIM card is placed in the mobile phone.

To enable this function:

- Press the ▲, ▼ keys to select **Phone PIN** then press soft key **Select**
- Press the ▲, ▼ keys to select **Enable** then press soft key **Select**

To change your **SIM PIN1**:

- Press the ▲, ▼ keys to select **Phone PIN** then press soft key **Select**
- Press the ▲, ▼ keys to select **Change PIN** then press soft key **Select**
- Enter old **Phone PIN** number, press soft key **Select**
- Enter new **Phone PIN** number using 4 to 8 digits, press soft key **Select**
- Re-enter new **Phone PIN** number, press soft key **Select**

The screen will indicate if your **Phone PIN** was successfully changed.

15.5.1.3 **SIM Lock**

When this function is enabled, your mobile phone will only work with the current SIM card. You must enter the SIM lock password to use your mobile phone (this is similar to Phone PIN).

To enable or disable this function:

- Press the ▲, ▼ keys to select **SIM Lock** then press soft key **Select**
- Press the ▲, ▼ keys to select **Enable** or **Disable** then press soft key **Select**

15.5.1.4 **SIM PIN2**

This function allows you to enable or change the SIM PIN2 number. The steps to use this function are similar to **SIM PIN1** in section 15.5.1.1.

Note: Not all SIM cards have a SIM PIN2.

15.5.1.5 **Network PIN**

Use this function to change the PIN that is required to set up the Call Barring functions.

15.6 Speed Dial

The speed dial function allows you to quickly make a call by pressing a key pad number that corresponds to a number stored in your speed dial list. Use this menu option to set up your speed dial contact numbers.

To use speed dial in the idle menu, press the number 1 (for the first number set up in your speed dial list) for two seconds and the mobile phone will call that number. You can set up to 5 items in a speed dial list.

15.7 Text Input

When using your mobile phone there will be many times that you will need to input text (e.g. sending messages, entering names into the Phonebook, editing the greetings message, editing Browser settings, etc).



Your mobile phone provides a number of different input modes:

- **Predictive Pinyin** - enter Chinese characters by Pinyin
- **Predictive Stroke** - enter Chinese characters by strokes
- **Predictive English** - enter continuous English letters
- **Multitap** – enter characters based on pressing the key of the letter you require. You press once to display the first letter, press twice quickly to display the second letter, and so on until the letter you require is displayed on the screen
- **Number** - enter numbers
- **Signs** – enter symbols and punctuations

Note: Predictive text provides a function to complete the words automatically. This function is based on an internal linguistic dictionary to determine the correct word, thereby requiring far fewer keystrokes to complete the word.

To activate one or all of the above text input methods:

- Press the ▲, ▼ keys to select **Text Input** then press soft key **Select**
- Press the ▲, ▼ keys to select **Pinyin**, **Stroke**, **English**, or **Multitap** then press soft key **ON** or **Off** to activate or deactivate this function
- Press **OK** once your selection has been made

15.7.1 Changing Text Input Mode

When you are in the text input mode, your mobile phone displays the current input mode at the top of the display.

To switch to another input mode:

- Press the # key repetitively until the right input mode is found and displayed.

To switch to the symbol and punctuation input:

- Press and hold down the * key for 2 seconds
- Press the ▲, ▼ keys to scroll between the symbols and punctuations and press soft key **Select** to insert the character into the text

To switch to the number input mode:

- Press and hold down the # key for 2 seconds
- Press the ▲, ▼ keys to scroll between the numbers and press soft key **Select** to insert the number into the text

To switch between upper and lower case:

- Press the * key before typing the next character

To clear characters:

- Press the **CLR** key or press soft key **Delete**

To scroll through a text message:

- Press the ▲, ▼ keys to view the message line by line
- Press ◀, ▶ key to move the cursor to the left or right through the current line of text

15.8 Service Indicators

This option allows you to turn On or Off the service indicator light on the outside of your mobile phone.

15.9 Factory Reset

This option allows you to reset your mobile phone settings to the factory default settings. This will clear all information stored in your mobile phone and the settings for each menu option will reset to their default settings.



When you select this function, your mobile phone will prompt you to confirm resetting to the factory default settings. To reset factory setting:

- Press the ▲, ▼ keys to select **Factory Reset** then press soft key **Select**
- Press soft key **Yes**
- Enter mobile PIN number to reset
- Press soft key **Select** to reset settings

Note: Factory Reset can reset mobile PIN number to 0000.



16 Call Settings

Many of these menu functions are network related functions, please contact your network provider to confirm that these functions are available for you to use.

16.1 Redial

Auto-redial allows you to set your mobile phone so that it automatically redials a number when the call is not getting through. Your mobile phone will try to dial this number 10 times. If the call cannot be connected after 10 auto re-dials, the number will be recorded as unreachable and you will not be able to re-dial this number until your mobile phone is turned off and on again.

The two functions to select from are:

- **Off** -will no longer re-dial this number.
- **On** - will re-dial

Note: If **On** is selected you will be prompted to **Select** the time interval between re-dials.

16.2 Call Waiting

Your mobile phone can support Call Waiting if this function is available from your network provider.

With this function, the network can notify you when there is new incoming call while you are on a current call. You can put the current call on hold and answer the new incoming call.

To set up call waiting:

- Press the ▲, ▼ keys to select **Call Waiting** then press soft key **Select**
- Press the ▲, ▼ keys to select **Activate**, **Deactivate** or **Status** then press soft key **Select**

The **Status** function reports the current setting.

Note: Call waiting for voice calls only.

16.3 Call Forward

This function allows you to divert incoming calls to other numbers. There are a number of incoming call options that can be selected:

- **All Incoming** calls – all calls are diverted to a nominated number
- **When Busy** – calls are diverted to a nominated number when you are on a call
- **No Answer** – all calls are diverted to a nominated number when you do not answer a call
- **No Coverage** – all calls are diverted to a nominated number when your mobile cannot access the GSM network or it is turned off
- **Data Calls** – received data calls are diverted to a nominated number
- **Fax Calls** – received fax calls are diverted to a nominated number

The **Cancel All** function turns all call diversion setting off.

To set up call diversion for any of the above options:

- Press the ▲, ▼ keys to select a type of call diversion, then press soft key **Select**
- Press the ▲, ▼ keys to select **Activate**, **Deactivate** or **Status** then press soft key **Select**
- If **Activate** is selected, you then edit the number to where you want your calls diverted

The **Status** function reports the current setting (if active you can edit the number) for the type of divert functions you have selected.



Note: After selecting a type of diversion, there will be a short delay when your mobile phone requests the network to process the current setting, after there is a response from the network, the result will be notified to you in a pop-up box.

16.4 Network

16.4.1 Search Mode

This function allows you to set your mobile phone to automatically or manually search for available networks when you are roaming (travelling outside your normal network coverage area).

To set up auto search or manual network search when roaming:

- Press the ▲, ▼ keys to select **Search Mode** then press soft key **Select**
- Press the ▲, ▼ keys to select **Automatic** or **Manual** then press soft key **Select**

Note: To access a different network while roaming your network provider must have an agreement with the local network in the region in which you are travelling. You will need to contact your network provider prior to travelling for roaming coverage information.

16.4.2 Band

Your mobile phone can support an additional network band to the 900/1900 bands normally used on the GSM network. The third 1900 band will allow you to use your handset (roam) in countries such as North America and receive and make calls just as you would at home.

To activate the appropriate band for the country you are in:

- Press the ▲, ▼ keys to select **Band** then press soft key **Select**
- Press the ▲, ▼ keys to select **900/1800** or **1900** then press soft key **Select**

16.5 Minute Minder

To allow you to monitor the length of your calls you can activate this function to have your mobile phone beep every minute during an outgoing call.

To activate this option:

- Press the ▲, ▼ keys to select **Minute Minder** then press soft key **On** to activate or **Off** to deactivate.

16.6 Send Own Number

This service allows you to display or hide your own number when making a call. If this function is enabled your mobile number will be displayed on other telephones you call from your mobile.

To activate this option:

- Press the ▲, ▼ keys to select **Send My Number** then press soft key **On** to activate or **Off** to deactivate.

Note: This function requires the support of your network provider and you will need to contact your network provider for further details on this function.

16.7 Call Connect

This function allows you to specify whether your mobile phone should beep when a call is connected.

To activate this option:



- Press the ▲, ▼ keys to select **Call Connect** then press soft key **On** to activate or **Off** to deactivate.



17 Games

Your mobile phone contains two types of small games.

- **Aero Phoenix**
- **Othello**

The sound volume and vibration function of your mobile phone when playing these games can be set through the **Settings** option. To stop the games press the **End Key** to access the menus for each game.



18 Accessories

This function provides convenient tools for managing **Alarms**, automatically turning your mobile phone off and on, **Stop Watch**, **Calculator** and a range of other useful tools for when using your mobile phone.

18.1 Alarms

This function allows you to set up three alarms that ring at three separate times. These alarms will ring even when your mobile phone is turned off.

18.1.1 Alarm 1, 2 or 3

To set an alarm:

- Press soft key **Select** to display the three alarm options
- Press ▲, ▼ key to scroll to the desired alarm
- Press soft key **Select** to either turn the alarm **On** or **Off**
- Press soft key **Edit** to set the time and date
- Press ▲, ▼ key to scroll to **Alarm Repetition** to set a **Daily**, **Weekly** or **Once** only alarm
- Press ▲, ▼ key to scroll to **Melody** to set a ringtone to play when the alarm sounds

18.1.2 Auto On/Off

The Auto On/Off function allows you to set a time and date when your mobile phone will automatically switch on or off.

To set a turn on or turn off alarm:

- Press soft key **Select** to display **Turn-On Time** or **Turn-Off Time**
- Press ▲, ▼ key to scroll to the desired alarm
- Press soft key **Select** to either turn the alarm **On** or **Off**
- Press soft key **Edit** to set the time and date
- Press ▲, ▼ key to scroll to **Alarm Repetition** to set a **Daily**, **Weekly** or **Once** only alarm

18.2 To Do List

This function provides quick access to alarms set in the calendar. Set alarms can be modified or deleted by pressing the ▲, ▼ or ◀, ▶ keys to scroll to the required date and then **View** to see all set alarms for that date. Press the ▲, ▼ keys to scroll through entries and **Select** the alarm to be modified.

18.3 Calendar

This function provides access to a calendar allowing you to view the current date and month. Press ▲, ▼ keys or press ◀, ▶ keys to scroll through dates.

To set up a reminder for a specific date and time, press the soft key **Add** then **Edit** to set up the date and time for the reminder. Press ▲, ▼ keys to scroll through the entry screen to set:

- **Reminder** for alarm – either 10 mins, 30 mins, 1 hour, 1 day, Punctual or None
- **Subject** – enter the desired alarm subject
- **Comment** – enter any other information about the alarm

Set alarms can be modified or deleted by pressing the ▲, ▼ or ◀, ▶ keys to scroll to the required date and then **View** to see all set alarms for that date. Press the ▲, ▼ keys to scroll through entries and **Select** the alarm to be modified.



18.4 World Clock

The world clock function allows you to check the current time of major cities and areas throughout the world.

To access the time in another location:

- Press ◀, ▶ keys to select a city
- Press ▲, ▼ keys to check other cities within the same time zone

The screen displays the City Name and the current Date and Time for the selected location.

18.5 Calculator

Your mobile phone has a calculator function to perform basic calculations (addition, subtraction, multiplication and division).

To use the Calculator:

- Use number keys to enter the first calculation value
- Press ◀, ▶ or ▲, ▼, keys to input '+', '-', '*', '/' respectively
- Input the second calculation value
- Press the **W@P** centre key to do the calculation
- Press **CLR** key to delete the calculation

Note: Press the * sign for decimal point input, # sign to change positive/negative attribute of the value.

18.6 Stopwatch

Your mobile phone also contains a stopwatch function with a **Lap** feature. Press soft key **Start** to start the timer.

18.7 Voice Record

This function allows you to record a short voice message or memo that you can play back at a later stage.

To record a voice memo on your mobile phone:

- Press soft key **Select**.
- Press the ▲, ▼ keys to select **Record** then press soft key **Start** to record a message.
- Press the ▲, ▼ keys to select **List** then press soft key **Select** to view the list of recorded messages.
- Press the ▲, ▼ keys to select **Delete All** to delete all stored voice messages.

18.8 IP Dial

The IP Dial function allows you to automatically prefix selected numbers to all numbers dialled on your handset. This allows you to take advantage of discounted mobile phone call rates from specific network providers where they require you to use an access number for routing of calls.

To setup an automatic prefix to all numbers dialled on your mobile phone:

- Press soft key **Select**.
- Press the ▲, ▼ keys to select **Edit** then enter the prefix numbers to use.
- Press the ▲, ▼ keys to select **Reset To Default** to use the default settings on your SIM.
- Press the ▲, ▼ keys to select **Enable** to activate this function for all numbers dialled.



18.9 Call Guard

This function allows you to restrict your incoming calls to a limited set of numbers that are automatically diverted or only received by your handset.

Note: Only one of these options can be used at any one time.

18.9.1 Black List

To restrict incoming calls to your mobile phone and automatically divert them as per your **Call Forward** setting:

- Press the ▲, ▼ keys to select **Black List** then press soft key **Create**
- Enter the name to be associated with the black listed number then press left soft key **Ok**.
Now enter the telephone number then press soft key **Ok**.

18.9.2 White List

To restrict incoming calls to your mobile phone for nominated numbers only you can create a white list through the following procedure:

- Press the ▲, ▼ keys to select **White List** then press soft key **Create**
- Enter the name to be associated with the black listed number then press left soft key **Ok**.
Now enter the telephone number then press soft key **Ok**.

18.9.3 Settings

The privacy guard setting menu allows you to the black list or white list functions or turn this feature off altogether.

18.10 Privacy Guard

This function provides convenient password protected way to limit access to your **Messages, My Files, Phonebook, History** and **To Do Lists**.

You can set up your mobile phone password so that it is required to access any of your personal information stored in your mobile phone.

To restrict access to your personal information on your mobile phone:

- Press left soft key **Select**.
- Enter your phone password when prompted and press left soft key **Select**.
- Press the ▲, ▼ keys to select the items of personal information you would like to password protect then press soft key **On** or **Off** as required.

18.11 My Files

Your mobile phone features a file system similar to the file system on a personal computer whereby you can store **Images** (either downloaded from the Internet or taken with the inbuilt camera) and **Sounds**. The options in this menu function allow you to view, rename, delete, and manage these various files.

18.11.1 Images

To access the images stored on your mobile phone:

- Press ▲, ▼ key to select **Images** then press soft key **Select**
- Press ▲, ▼ key to select either **Downloaded, Animations, Photos**, or **Portraits** then press soft key **Select**

When you have accessed one of the available image types stored on your mobile phone they will be listed on the display.

To access a specific image:



- Press ▲, ▼ key to scroll through the individual image files and press soft key **Select** to access
- Press ▲, ▼ key to select either:
 - Open** – to view the image
 - Rename** – to change the filename of the image
 - Delete** – to delete the image
 - Background** – to set as the background image for your mobile phone (refer Backgrounds section 15.1.1)
 - Make Portrait** – to convert the image to a size suitable for inclusion in the Phonebook or Business Cards contact list
 - Send MMS** – used to attach the image to an MMS message and start the MMS edit function.

18.11.2 Sounds

To access the sounds stored on your mobile phone:

- Press ▲, ▼ key to select **Sounds** then press soft key **Select**
- Press ▲, ▼ key to scroll through the individual sound files and press soft key **Select** to access
- Press ▲, ▼ key to select either:
 - Play** – to hear the sound
 - Rename** – to change the filename of the sound
 - Delete** – to delete the sound
 - Send MMS** – used to attach the sound to an MMS message and start the MMS edit function.

18.11.3 Manage

This function allows you view the memory used in your mobile phone by sounds and the individual image types.

18.11.3.1 Space Used

This function displays the memory used in kilobytes for each file type and the amount of space free on your mobile phone for additional sounds and images.

18.11.3.2 Delete All

This function allows you to delete the differently categories of sounds and individual image types.

To delete files:

- Press the ▲, ▼ keys to select **Delete** then press soft key **Select**
- Press the ▲, ▼ keys to select either **Downloaded**, **Animations**, **Sounds**, **Photos**, or **Portraits** then press soft key **Select**
- Enter the **Phone PIN** number, press soft key **Select**
- Press soft key **Select** to confirm deletion of all files in the category selected

18.12 Service Numbers (SDN)

Use this function to quickly find service directory entries on your SIM card that relate to the services provided by your network service provider.



19 WAP

The WAP browser function in your mobile phone allows you to obtain access to a wide range of information thorough the Internet. You will need to contact your network service provider to establish wireless network services and to obtain the set up related information. You mobile phone provides an Internet browsing function key that will allow you to press one key to browse information on the Internet.

19.1 Home Page

This function allows you to quickly connect to your preferred home page.

19.2 Haier Fairyland

This function allows you to quickly connect to the Haier Fairyland home page.

19.3 Bookmarks

Save your favourite websites so that you can quickly go to, edit, or delete your most frequently accessed web sites.

19.4 Go to URL

Allows you to enter a new website to visit.

19.5 Settings

19.5.1 Profiles

To configure the network settings for the Browser function:

- Press the ▲, ▼ keys to select **Browser** then press soft key **Select**
- Press the ▲, ▼ keys to select **Profiles** then press soft key **Select**
- Press the ▲, ▼ keys to select one of the three available **Profiles** to setup then press soft key **Select**
- Press soft key **Select** to **Modify Profile**
- For each of the eight (8) profile functions
 - Profile Name**
 - Bearer**
 - Connection Type**
 - Homepage**
 - Gateway IP Address**
 - Sub IP Address**
 - Security**
enter the details provided by your network provider.

- **Note:** Ensure all details are entered exactly as provided by your network provider.

19.5.2 Push Service

This function allows you to receive information service from your service provider via the Internet. This service is similar to Info Messages (refer Info Messages in section 12.6) but the content of the message is not limited to just text.

To activate this option:

- Press the ▲, ▼ keys to select **Push Service** then press soft key **On** to activate or **Off** to deactivate.



19.5.3 Cache

This function allows you to store recently viewed web pages to your mobile phones memory so that web pages you regularly visit are viewed quickly if the content of those pages have not changed.

Activation of this function will reduce the amount of mobile phone memory you have for storage of photo and ringtones, etc.

To activate this option:

- Press the ▲, ▼ keys to select **Cache** then press soft key **On** to activate or **Off** to deactivate.

19.6 Clear Cache

Allows you remove temporarily stored images and data that occur when browsing the Internet.

Note: Please refer to the information on how to enter the network configuration details for establishing an Internet link from your mobile phone. Browser service is a function provided by your network provider and you will need to contact your network provider for details on the setting required to access the Internet.

19.7 Push Inbox

When browsing WAP pages on the Internet you will often want to have games and other software application 'pushed' from the WAP site and downloaded to your mobile phone. WAP service providers will often send a message to confirm your acceptance of the download. These individual messages are stored in your mobile phone in the **Push Inbox**.

To view messages in the **Push Inbox**, press soft key **Select** and then choose the message to view.

When viewing messages, you can press the soft key **Options** to perform the following operations:

- **Open**
- **Delete**



20 Camera

Provides access to the camera settings for your mobile phone, as well as, allowing you to take pictures that can be displayed on your mobile phone or sent in MMS messages.

20.1 Take Picture

Starts the camera in preview mode so that the screen displays the image as viewed by the camera.

Press the left soft key **Options** to set up how the picture will be taken and stored in your mobile phone. Available functions are:

- **Auto Naming** – manually name your photo or allow your mobile phone to automatically name your photo
- **Image Size** – select the image size from the available options
- **Exposure** – set exposure level
- **Effects** – Normal, Warm, Sepia, Antique, Cool
- **Frequency**
- **Quality** – Economy, Standard or High
- **Flash** – On or Off
- **Shutter** – select On or Off for the shutter sound

To take a picture, press the right soft key **Photo** (or the right side key on your mobile phone). If you have selected Auto Naming as a default option you can continue to take many pictures. With Manual Naming you will be prompted after each picture to name the picture before it is stored in your mobile phone memory. Press the right soft key **Back** to return to idle mode.

20.2 Settings

This function provides access to the global camera settings for your mobile phone (please refer the available functions listed in Take Picture section 20.1). Once set, these settings will apply to all pictures taken with your mobile phone. Individual pictures can be adjusted through **Options** in the **Take Picture** menu.

20.2.1 Auto Naming

Use the **Select** soft key then **On** or **Off** for you to manually name your photo or allow your mobile phone to automatically name your photo

20.2.2 Image Size

Select the default image size from the available options of 640x480, 352x288, 320x240 or 160x120.

20.2.3 Frequency

Select the default image frequency from the available options of 50Hz or 60Hz.

20.2.4 Quality

Select the default image quality from the available options of **Economy**, **Standard** or **High**.

20.2.5 Flash

Check the default Flash option of either **On** or **Off**.

20.2.6 Shutter

Check either **On** or **Off** to play the shutter sound.



20.2.7 Quick Key Shortcuts

When in camera preview mode you can quickly adjust the camera settings by pressing the following keys:

Key	Description
Press the left side keys	Zoom the image so that it appears closer.
Press ▲, ▼ keys	Adjust the picture exposure.
Press ◀, ▶ keys	Select the effect to be applied to the photo

20.3 Images

Your mobile phones file system can store **Images** from a number of different sources (either downloaded from the Internet or taken with the inbuilt camera). The options in this menu function allow you to view, rename, delete, and manage these various files.

To access the images stored on your mobile phone:

- Press ▲, ▼ key to select either **Downloaded**, **Animations**, **Photos**, or **Portraits** then press soft key **Select**

When you have accessed one of the available image types stored on your mobile phone they will be listed on the display.

To access a specific image:

- Press ▲, ▼ key to scroll through the individual image files and press soft key **Select** to access
- Press ▲, ▼ key to select either:
 - Open** – to view the image
 - Rename** – to change the filename of the image
 - Delete** – to delete the image
 - Background** – to set as the background image for your mobile phone (refer Backgrounds section 15.1.1)
 - Make Portrait** – to convert the image to a size suitable for inclusion in the Phonebook or Business Cards contact list
 - Send MMS** – used to attach the image to an MMS message and start the MMS edit function.



21 MMS

Your mobile phone supports a number of different message types:

- Short Message Service (**SMS**)
- Multi-Media Short Message Service (**MMS**)
- **Voicemail** Messages
- **Information Messages**

Note: Before sending out text and multimedia messages you need to contact your network provider to obtain the correct Service Centre access number for SMS messages and the correct network settings for MMS messages.

Your mobile phone can store many incoming and outgoing MMS messages.

21.1 Write Message

To write a MMS message press soft key **Select** then **MMS** to access the following:

- **Subject** for message
- **Text** to be included in the message
- **Picture** to be included in the message
- **Animation** to be included in the message
- **Melody** to be included in the message
- **Book Entry** to be included in the message
- **Business Card** to be included in the message
- **Smileys** or emoticons to be included in the message

When the MMS message has been composed you can **Preview** the message and then **Send** the message (a copy of the message is stored the **Sent Box** automatically, if the send message failed or was cancelled it will be saved to the **Outbox**).

21.2 Inbox

This option stores MMS messages you have received. When you receive a new message, the new message icon will be displayed on the screen. To view messages in the Inbox, press soft key **Select**.

When viewing messages, you can press the soft key **Options** to perform the following operations:

- **Open**
- **Delete**
- **Reply**
- **Forward**

21.3 Sent Box

This option stores MMS messages you have sent. To view messages you have sent, press soft key **Select**.

When viewing sent messages, you can press the soft key **Options** to perform the following operations:

- **Open**
- **Delete**
- **Reply**
- **Forward**



21.4 Settings

This option allows you to set up the message service for MMS messages.

Note: Voicemail, SMS, and MMS are functions provided by your network provider and you will need to contact your network provider for details on the setting required.

21.4.1 Profiles

Detailed access settings from your network provider are required to send and receive MMS messages. To setup your MMS service:

- Press soft key **Select**.
- Press ▲, ▼ to scroll through available profiles and press soft key **Select** to **Select Profile** to use then **Modify Profile** to change the settings.
- For each of the eight (8) profile functions
 - Name**
 - APN**
 - Username**
 - Password**
 - Session Type**
 - Security**
 - Gateway Address**
 - Homepage**enter the details to each of these options as provided by your network provider.

Note: Ensure all details are entered exactly as provided by your network provider.

To delete a profile use ▲, ▼ to scroll through available profiles and press soft key **Select** to select the profile then **Delete Profile** to remove the settings.

21.4.2 Sent Reports

Allow you to receive receipts to ensure that the person you sent them to has received your messages. Press soft key **On** or **Off** as required.

21.4.3 Keep Sent Messages

You can save copies of messages you have sent for reference later. Press soft key **On** or **Off** as required.

21.5 Management

This function allows you to manage MMS messages.

To manage your messages, you can perform the following operations:

- **Capacity** – view available message storage capacity on both your mobile phone and SIM
- **Empty Inbox** – empty all messages from the Inbox
-
- **Empty Sent** – empty all messages from the Sent box



22 Reference Information

22.1 Passwords

Your mobile phone and its SIM card can use many passwords, these passwords can prevent your mobile phone and SIM card from being used without your consent.

22.1.1 Mobile Phone Password

This password can prevent your mobile phone being used by others.

22.1.2 Barring Password

This password can prevent others from changing your mobile phone setting and other details (i.e. Call Barring etc) without your consent.

22.1.3 Personal Identification Number (PIN)

The PIN protects your SIM card so that it cannot be used without your permission. The PIN is usually provided together with the SIM card. When the SIM PIN has been set (Phone Settings section 15) your mobile phone require the PIN to be entered each time the mobile phone is turned on.

Note: If the incorrect PIN is entered three times consecutively, the SIM card will be locked and a PUK number (Personal Unlock Key) is required to reset the PIN. If your network provider has not supplied a PUK number, please contact your provider for this number.

22.1.4 Personal Identification Number 2 (PIN2)

The PIN2 number that is provided together with the SIM card is required when getting into certain functions. These functions (i.e. Call Cost Rate) can only be implemented when your SIM card supports them. If you enter the incorrect PIN2 number three times consecutively, the PIN2 number will be locked and the PUK2 number is required to reset the PIN2.

22.1.5 Personal Unlock Key (PUK)

The PUK is used to reset a locked PIN. The PUK number maybe provided together with the SIM card, if it is not, please contact your network service provider. If an incorrect PUK number is entered 10 times consecutively the SIM card will cease to function and you will need to apply for a new SIM card from your network service provider. The PUK number cannot be changed, if it is lost, please contact your service provider.

22.1.6 Personal Unlock Key 2 (PUK2)

The PUK2 is used to reset a locked PIN2. The PUK2 number maybe provided together with the SIM card, if it is not, please contact your network service provider. If an incorrect PUK2 number is entered 10 times consecutively the SIM card will cease to function and you will need to apply for a new SIM card from your network service provider. The PUK2 number cannot be changed, if it is lost, please contact your service provider.

22.2 Alternate Lines Service (ALS)

The ability to have one SIM card with two lines. You can use one of these lines to make a call and answer a call base of requirements.

22.3 Call Barring

A network security function that allows you to restrict both outgoing and incoming calls on your mobile phone.

22.4 Call Diversion

The ability to re-send messages to any other mobiles or fixed phones.



22.5 Call Holding

During a call, if there is incoming call, the initial call can be put on-hold and the user can switch between the two calls as required.

22.6 Call Waiting

When user is in the middle of a call, if there is incoming call, a tone will notify the user of the incoming call.

22.7 Dual Tone Multiple Frequency (DTMF)

The sound generated by pressing the number keys while on a call.

22.8 Hands Free

The ability to use your mobile phone though a headset or without picking up and holding your mobile phone.

22.9 Global System for Mobile (GSM)

The GSM standard guarantees network compatibility between all network providers. It allows your mobile phone to be used wherever there is GSM coverage.

22.10 Liquid Crystal Display (LCD)

Refers to the type display screen used in your mobile phone.

22.11 Light Emitting Diode (LED)

Refers to the type of lights used in your mobile phone. The service indicators on the front of your mobile phone indicate different events based on the colour of the LED's.

22.12 Line Recognition Service

This service allows users to display or hide their own numbers when making a call.

22.13 Roaming

Refers to using your mobile phone on other networks providers other than who you purchased your SIM from. This occurs predominately when travelling internationally.

22.14 Subscriber Identity Module (SIM)

This refers to the network identity card with a self-contained chip. The chip contains all the relevant information needed to operate your mobile phone (e.g. network information, memory information, and personal data storage). The SIM card is fitted in the groove at the back of mobile underneath the battery.

22.15 Short Message Service (SMS)

Refers to a special kind of network service that allows text messages to be sent to, and received from, other GSM mobile phone users. Text messages up to 160 characters can be, sent, received, displayed, and edited.



22.16 Multi Media Short Message Service (MMS)

Refers to a special kind of network service, similar to the SMS service, where animations, pictures, ring tones, and text can be, sent, received, displayed, and edited. .

22.17 Soft Keys

Refers to the keys on your mobile phone that are used to interact with the menu displayed on the inside LCD screen. The purpose of the keys vary base on the current function that is being used. The operation of the soft key is displayed at the last line of the screen.

22.18 Voicemail Box

Computerised answering service that answers your incoming calls automatically and records a message when you are not available to answer a call.



23 Battery Usage Precautions

- Do not use or attempt to recharge any damaged battery under any circumstances.
- When using your mobile close to the network base stations, it uses less power; call and idle time are vastly affected by the signal strength of the GSM network and the parameters set by your network provider.
- Remaining battery charge and the type of battery and charger determine the Recharging time. The battery can be recharged and discharged many times but eventually it will fail. When battery-operating time (call time and idle time) is clearly shorter than usual, a new battery may be needed.
- If a recharged battery is not used it will discharge within a certain period of time.
- Use only manufacturer approved batteries and chargers. When a charger is not used, please disconnect from the power supply. Do not connect your battery to the charger for longer than one week as over recharging may shorten the life of the battery.
- Do not leave battery in places that are too hot or too cold (e.g. in a close car during Summer or Winter). This will reduce the lifetime of battery and your mobile phone might temporarily stop operating when the battery is too hot or too cold, even though battery is fully recharged. Please keep the battery at room temperature if possible. The Lithium battery in your mobile phone is affected when temperature is below zero degree.
- Do not short circuit battery. Accidental short-circuiting can occur when metal objects make contact with the positive and negative poles of the battery. A battery short circuit will damage the battery and may also damage contacting object.
- Dispose of used batteries in accordance with local regulations. Do not throw battery into the fire.



24 Maintenance

Outstanding designers designed this mobile; it should be taken care of. Below suggestions can help you to comply with the warrantee clauses, allow mobile to be used for many years. When using mobile, battery, charger or other parts:

- Keep your mobile phone and all of its components and parts out of the reach of children.
- Keep your mobile phone dry. Humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use your mobile in dusty, dirty areas as its moving parts may be damaged.
- Avoid dropping or knocking your mobile phone. Rough handling can break internal circuit boards.
- Do not store your mobile phone in places that are too hot. High temperature will shorten the lifetime of electronic equipments, damage battery, and may bend or melt the plastic.
- Do not store your mobile phone in places that are too cold. When your mobile phone warms up to its normal operating temperature, moisture can form inside your mobile phone, which will damage the electronic circuits.
- Do not clean your mobile phone with rough chemicals, bleach, or strong detergent. Wipe it with a soft cloth slightly dampened with soap and water.
- Do not paint your mobile phone. Paint will clog movable components and obstruct normal operation.
- Use only the provided or designated antenna, use of unapproved antenna or parts, or modified accessories will damage your mobile phone and may violate regulations governing wireless devices.

Note: If mobile, battery, charger or any other parts does not work normally, take it to the nearest qualified repair department.



25 Trouble Shooting

Before contacting the after-sales service centre, please preform the following checks to resolve the issue.

Problem	Resolution
Can not receive or send a call	<ul style="list-style-type: none">• Confirm if mobile has been turned on.• Confirm if battery has been charged.• Confirm if there is GSM reception on the signal indicator.• Confirm if call barring, or fixed outgoing numbers have been set up.• Confirm if calls have been diverted.• Confirm if the SIM card is correctly inserted.
Volume low	<ul style="list-style-type: none">• Confirm if conversation volume has adjusted too low.
Phone not ringing	<ul style="list-style-type: none">• Confirm if vibration style has been selected.• Confirm if ringtone volume has set too low.• Confirm if calls have been diverted.
LCD unclear	<ul style="list-style-type: none">• Confirm if contrast has been set too low.
Key pad does not work	<ul style="list-style-type: none">• Confirm if the key pad has been locked.
The other end can not hear your voice	<ul style="list-style-type: none">• Confirm if mute mode has been turned on.

If the above checks do not help you to solve the problem, please take note of your model and serial number and contact after sales service.

This company reserves the right to modify the product as described in this booklet without any notice. Amendments to this user manual and miss printing of procedures can occur at any time. Amendments and subsequent corrections will be included in a new release of this user manual.

- **Empty Inbox** – empty all messages from the Inbox
- **Empty Unsent** – empty all messages from the Unsent box
- **Empty Sent** – empty all messages from the Sent box