



Mobile Phone



Operating Instructions

ezy100 GSM Mobile Phone with
Emergency Call Function



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1 Safety Information and Warnings

It is very important that you read the User Guide carefully as it contains detailed information on set up and operational issues which you will need to be aware of to ensure the mobile operates properly. If you are not clear about how to use the phone or have any queries on any issue, please contact our Australian Customer Support helpline on 02 45748888.

The following is a list of **some** of the important issues and important warnings which you need to be aware of. This is not a summary of all the important issues and you **must still read** the User Guide in full.



Risk of suffocation!

Keep packaging materials and protective foils out of reach of children.

Intended use

This telephone is designed for use when connected to a mobile phone network. Any other use is considered unintended use. Unauthorised modification is not permitted. Under no circumstances open the device or complete any repair work yourself. Repairs to this device may only be completed by qualified service personnel.

Safety Information and Warnings

YOU SHOULD NEVER RELY SOLELY ON ANY MOBILE PHONE FOR ESSENTIAL COMMUNICATIONS SUCH AS MEDICAL EMERGENCIES.

Areas of use

- Do not use the phone in prohibited areas such as on aircraft, in a petrol station in hospitals, or near to fuel and other flammable liquids, chemicals or blasting areas.
- When using this phone in a motor vehicle do not carry or store flammable liquids, gasses or explosives in the same compartment as this phone.
- Prevent exposure to smoke, dust, vibration, chemicals, moisture, heat and direct sunlight. The phone is not waterproof; therefore, keep it dry at all times. Water damage is not covered under warranty.
- Never leave this device exposed to direct sunlight inside a motor vehicle. Temperatures inside the vehicle on a hot day are extreme and damage to the phone may result which is not covered by warranty.
- Only use original accessories and batteries supplied with this product. Never attempt to connect other products.
- Never attempt to connect incompatible products.
- All mobile communication equipment is subject to interference which may impair its performance.

Safety Information and Warnings

- Keep the phone and accessories out of the reach of children.
- The SIM card can be removed. Caution! Small children can swallow them.
- The earpiece of the handset may attract small metal objects such as staples and pins. Care should be taken when placing the handset near these items.
- The ringing tone is issued via the loudspeaker. Take an incoming call first and then hold the phone to your ear. This prevents any possible hearing damage.
- You should not use your mobile phone whilst driving a motor vehicle. At all times obey all local traffic laws regarding mobile phone usage whilst driving a motor vehicle. Always keep your hands free to operate the vehicle safely.
- If you use this phone in a motor vehicle that has air bags installed. Do not place this phone or other objects in the area over the air bag or the air bag deployment area. If the air bag inflates serious injury could result.

Warning when used with implanted medical devices

- Manufactures of medical devices recommend that users with implanted heart pacemakers. Always maintain a distance of at least 15.3cm between the phone and the pacemaker to prevent any

Safety Information and Warnings

possible interference. If you have had a pacemaker implanted, do not carry the phone in a breast pocket when switched on. Always hold the phone to the ear furthest away from the pacemaker during calls.

Switch the phone off immediately if you notice or suspect any adverse effects.

- Ensure you read and follow the directions from the manufacturer of the implanted medical device. If you have any questions about using your phone with an implanted medical device, consult your health care provider.

Use with a hearing device

- This phone is hearing aid compatible. If you wear a hearing aid, however, please contact your Audiologist or the hearing aid manufacturer to inquire about any possible impairments through mobile communication equipment.

Emergency calls

- This phone uses radio signals and network service providers networks and user programmed functions. It is not possible to guarantee a reliable connection. You should never rely on this or any other wireless radio device for essential communications in the case of medical emergencies.

Safety Information and Warnings

AC power adaptor



Attention: Only use the AC power adaptor supplied. As other power supplies could damage the phone.

Rechargeable batteries



Attention: Never dispose of batteries into a fire. Only use batteries of the same type.

Environment

At the end of its service life, in order to dispose of your device, take it to a collection point if provided by your local public waste authorities (e.g. recycling centre). The adjacent symbol indicates that the device must not be disposed of in normal domestic waste!



Batteries must be disposed of in accordance with local regulations or at the appropriate collection points if provided by the public waste authorities.



Packaging materials all cardboard and paper packaging should be sent for recycling in accordance with local waste regulations.

2 Getting Started

Safety information



Attention: It is essential to read the Safety Information in Chapter 1 before starting up.

Checking the package contents

The package contains:

- 1 mobile phone
- 1 Li-ion battery pack
- 1 AC power adaptor

Barcode labels on the phone

The barcode label printed inside the phone contains the IMEI number and the serial number. Do not remove it.

Phone security

Every mobile phone has a unique 15-digit electronic serial number, known as the International Mobile Equipment Identity (IMEI) number.

Record your phone's IMEI number in case your phone is lost or stolen.

On the bottom of the box there is a large label. Remove one of the IMEI labels and stick it in the space below.

Getting Started

You can verify your IMEI number by dialling *#06# on your mobile phone.

If your phone is lost or stolen:

Notify your network carrier and the police immediately. Tell them your IMEI number and any other identifying features on your phone. Your network carrier can use this number to block your phone from all networks in Australia once you report the phone lost or stolen, making it useless to any thief. Importantly, this also ensures you're not paying for any calls made by the thief. If the handset is subsequently found, the IMEI block can be easily removed – as long as you can prove you're the original, legal owner of the phone.

Passwords

This mobile phone provides the option of using passwords. After activating the passwords, unauthorised users cannot access the data stored on the phone. If the option is activated, access to certain functions, e.g. the phone book, is only possible after entering the correct password.

PIN & PIN2 codes

The **PIN** (**P**ersonal **I**dentify **N**umber) and PIN2 codes are 4 to 8-digit numbers. The PIN and PIN2 codes are given to you, together with the SIM card, by your network provider.

PUK & PUK2 codes

The **PUK** (**P**ersonal **U**nblocking **K**ey) and PUK2 codes are 4 to 8-digit numbers. These are only necessary if you enter the PIN code for the SIM card incorrectly three times in succession and the SIM card is blocked. The PUK and PUK2 codes are given to you, together with the SIM card, by your network provider.

Getting Started

Installing the SIM card



Risk of swallowing small objects!

The SIM card can be removed.

Small children can swallow them.



The emergency call number 000 can still be dialed even if there is no SIM card installed.

The number is automatically dialed if the emergency call switch is activated!

Switch the phone off.



Pay attention that the SIM card is not bent or scratched. Prevent any contact with water, dirt or electrical charges.

Slide off the mobile phone's battery compartment cover towards the bottom using a little force.



If there is already a battery inside, remove it.



Getting Started

Slide the SIM card with the gold coloured contacts facing down in the moulded SIM card holder.



Insert the battery. The gold coloured contacts on the battery must face towards the top left.

Press lightly on the bottom end of the battery until it snaps into place.



Replace the battery compartment cover back on the phone. Slide the battery compartment cover upwards until it snaps in to place.



Getting Started

Charging the battery



Before starting to charge the battery, ensure that it has been installed properly.

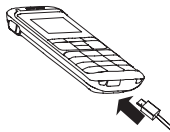
Do not remove the battery while it is being charged. This could damage the phone.



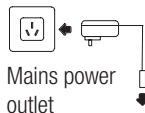
When charging the battery for the first time, it should be charged for at least 4 hours. Batteries only reach their full capacity after several complete charge/discharge cycles.

Charging via the mini USB port

Open the protective USB cover on the phone and plug the charging unit in the mini USB port.

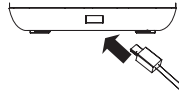


Connect the charging unit as illustrated in the diagram. For safety reasons, only use the optional Oricom approved charging unit.



Charging via the optional desktop charger

Plug the connector on the AC adaptor cable in the mini USB port on the desktop charger. Place the phone into the charging cradle.



The current **battery charge status** is shown in the display as follows:



Full



Half empty



Low



Empty



It may take a few seconds before the phone indicates the charging process.

You can use the phone during the charging process.

You can also charge the phone via a PC. To do this, connect the phone to the PC using an approved mini USB cable. The charging process takes longer via the PC than when using the charging unit.



Only use the mini USB cable approved by Oricom. The terms of guarantee are void if a different cable is used.

Getting Started

Battery status warning

When the battery charge is low, a warning message appears in the display.

 Charge the battery.

In cases where the battery charge is extremely low, it is possible that the back-lighting no longer works and certain functions are no longer available.

 Charge the battery.

When the battery charge drops below the minimum status, the phone switches off automatically.

Warnings on battery usage

Only use batteries, cables and charging units approved by Oricom, otherwise the battery could be damaged. Do not short circuit the battery. Always leave the battery in the phone to avoid accidentally short circuiting the battery contacts.

Keep the battery contacts clean and free of dust and dirt. The battery can be charged/discharged hundreds of times but its service life is limited. Replace the battery when the battery no longer holds sufficient charge for normal use. The Oricom battery part number is KEBT-5057, maximum talk time is up to 120 minutes and standby time is up to 170 hours.

Switching the mobile phone off and on

Press and hold the  button for 3 seconds to switch the phone on or off.

Setting the display language

Select the language required.

1. During standby mode, press **M1** to enter the setup menu.
2. Use **▲/▼** to select *Phone Setting*. Press **M1** to confirm.
3. Use **▲/▼** to select *Display Setting*, press **M1** to confirm.
4. Use **▲/▼** to select Language, press **M1** to confirm.
5. Use **▲/▼** to select desired language, press **M1** to confirm.

Getting Started

Setting the time and date

1. During standby mode, press **M1** to enter the setup menu.
2. Use ▲/▼ to select *Clock & Alarm*. Press **M1** to confirm.
3. Use ▲/▼ to select *Time & Date*, press **M1** to confirm.

Set Home City

4. Use ▲/▼ to select *Set Home City*, press **M1** to confirm. Use ▲/▼ to select and press **M1** to confirm.

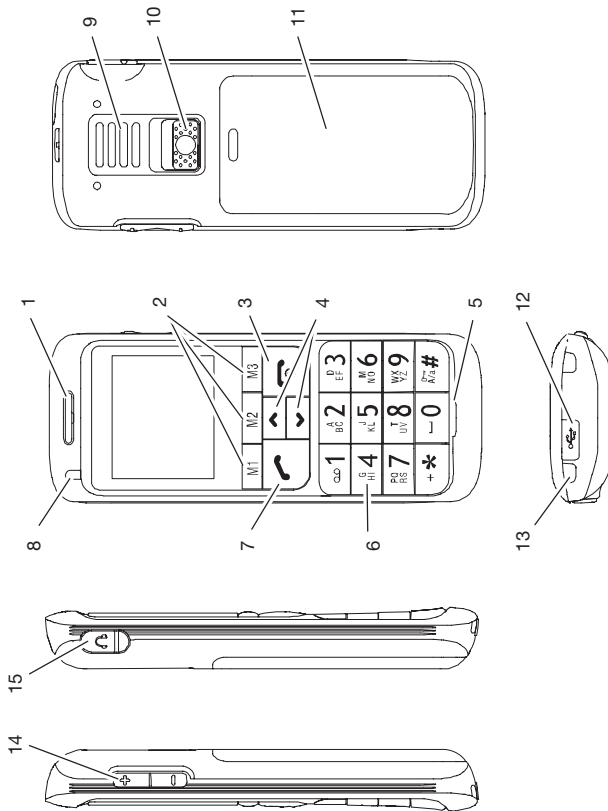
Set Format

5. Use ▲/▼ to select *Set Format*, press **M1** to confirm. Use ▲/▼ to select and press **M1** to confirm. Set time format to 24Hr or 12 Hr, and select the date format.

Set time and date

6. Use ▲/▼ to select *Set Time/Date*, press **M1** to confirm. Use ▲/▼ to select and press **M1** to confirm. Use keypad to input the time, minute, date, month and year. Press **M1** to confirm.
7. After setting the time and date, press **M3** to confirm and press **M1** to save the settings.






3 Your Oricom phone and controls







Your Oricom phone and controls

- 1 Earpiece
- 2 One-touch dialling buttons / Softkeys
- 3 On/Off button / On-hook button
- 4 Scroll up/down button
- 5 Microphone
- 6 Digit keys
- 7 Call button
- 8 LED
- 9 Loudspeaker for handsfree mode
- 10 Emergency call switch
- 11 Battery compartment cover
- 12 Mini USB port with cover
- 13 Charge contacts
- 14 Volume control
- 15 Headset socket

Your Oricom phone and controls

- | | |
|---|--|
| 1 Earpiece | The voice of the caller can be heard here when no headset is being worn or the handsfree equipment has not been installed, activated and the device set to Handsfree mode. |
| 2 M1 M2 M3 | One-touch dialling buttons / Softkeys
A phone number can be assigned to each one-touch dialling button and then dialled directly by pressing and holding the respective button. M1 M3 are also softkeys.
The softkeys are assigned different functions in the various menus. The current function is always indicated by a text directly above the button in the display. |
| 3  | On/Off button/On-hook button
Switch the mobile phone on and off.
Cancel the current process.
End or reject a call. |
| 4   | Scroll up/down buttons Navigate in the menus
 Open the menu
 Open the phone book |

Your Oricom phone and controls

5	 Microphone	Is activated during a call
6	1 - #	Digit keys Enter phone numbers and names or write a text.
7	 Call button	Take a call or dial a number. Open the call list.
8	LED	Indicates the phone operating status.
9	Loudspeaker	You can hear the caller's voice from here when the phone is in Handsfree mode. The outgoing alert message is played back loud via this loudspeaker.
10		Emergency call switch Activate emergency call.
11	Battery compartment cover	Cover of the battery compartment.
12		Mini USB port with cover Connect a USB plug.
13	Charging contacts	The phone is charged via these contacts when in the charging unit.
14	+ -	Volume control Regulates the volume of the caller.

Your Oricom phone and controls

15 Headset socket

You can connect an optional headset (Part No: KESP-5185-P).

The earpiece, loudspeaker and microphone are deactivated. You can only hear and speak via the headset.



There is no guarantee that headsets from other manufacturers will work properly.

Damage to the headset or mobile phone cannot be ruled out.

Buttons with special functions

In Standby mode, hold the ***** button to set Silent activated or General activated.

During an incoming call, hold the ***** button to activate the "No Alert" call setting for this call only.








In standby mode, hold the **#** button to activate the keypad lock function.

Press and hold **1**, a connection is established to your mailbox and you can play messages recorded.












Telephone Operation

4 Telephone Operation





Description of operating sequences in the manual

Display	Description
	Displays the contour of buttons
6 ^{MNO}	Press the button depicted briefly
2 sec. 7 ^{PQRS}	Press the button depicted for 2 seconds
Hold 1	Press and hold down the button depicted
	Enter digits or letters
	Mobile phone rings
	Remove phone from the charging unit
	Place phone in the charging unit
Option	Represents text in the display
e.g. 	Indicates icons in the display
Ok	Press the softkey;  Page 27

Icons and texts in the handset display

Icon	Description
	Displays the battery capacity. Running-through segments, the battery is being charged.
	Signal strength of the phone connection
	Alarm1 and/or Alarm2 are activated
	A headset is connected
	The key lock function is activated; ☞ Page 34
	A roaming ¹ call is in progress
	A call is currently being made
	There are new calls in the call list; ☞ Page 52
	A new SMS ² message has been received; ☞ Page 55
	The microphone is deactivated (muted); ☞ Page 34
	No call alert / silent is activated


Telephone Operation

	Ringing tone only is activated
	Vibration alert only is activated
	Vibration alert is activated first, then ringing tone
	Vibration alert and ringing tone are activated

¹Roaming calls: Outgoing or incoming international calls subject to special charges.

²**SMS: Short Message Service** = Service for sending text messages.

Standby mode

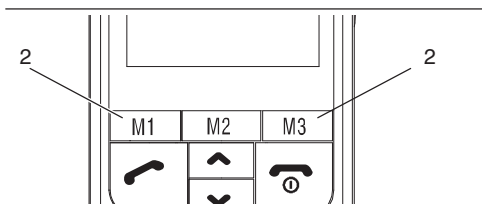
All descriptions in this operating manual assume that the mobile phone is in Standby mode. The system switches to Standby mode by pressing the  button, several times if necessary. It may be necessary to deactivate the key lock function.

Energy-save mode

When the phone has been in Standby mode for some time, it automatically switches to energy-save mode. The display no longer lights up. Press any button to reactivate Standby mode.

Softkeys

The softkeys **M1** (2) and **M3** (2) are assigned different functions in the different menus. The function buttons are always referred to in this manual according to the texts directly above them in the display.





Telephone Operation

Button	In Standby mode	In a menu
M1	Open the main menu	Various functions
M3	Initiate release of the key lock function	Various functions

Navigating in the menu

All the functions can be accessed via the various menus.

Menu (M1)	Open the main menu
▲/▼	Select the submenu required
Ok (M1)	Open the submenu
▲/▼	Select the function required
Ok	Open the function
▲/▼ Ok	Select the setting required
	Use the digit keys to enter numbers or letters
M1 (softkey)	Confirm the entries
M3 (softkey)	Move one level back
	Cancel programming and saving processes and return to Standby mode

Entering Data

The digit keys are also labelled with letters for the entry of text.

The phone provides various methods by which text can be entered. These are used when entering or editing contacts in the phone book, when searching for names in the phone book and when writing SMS text messages.



Not every method is always available for each application.

Entering text

Multitap

In order to enter text in Multitap mode, press the button labelled with the corresponding letter/character. If the first character of the group is required, press the button once. If the second character is required, press it twice, and so on.



To enter two characters assigned to the same button, press the button the respective number of times to enter the first character. Then wait for approx. 2 seconds and enter the second letter.

Telephone Operation

ABC	Multitap upper case
abc	Multitap lower case
123	Digits



To switch between the input modes, press the **#** button.

Punctuation and special characters

To access Editing mode, press the ***** button.

Punctuation marks and special characters are displayed.

Use the **▲/▼** buttons to select the required character and insert it by pressing the **M1**. To enter a space, press **0** button.

Creating phone book entries - example

The way in which to navigate through the menus and define settings is explained by means of the example **Creating phone book entries**. Proceed as in this example for all the settings.

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Phonebook*. Press **M1** to confirm.
3. Use **▲/▼** to select *Add New*, press **M1** to confirm.



4. Use ▲/▼ to select *To SIM* or *To Phone*, press **M1** to confirm.
5. Use ▲/▼ to select options (*Name, Phone Number, Home Number, Company Name, Email Address, Office Number*) and press **M1** to confirm and enter the edit mode.
6. Use the keypad to enter the information, press **M1** to confirm. Press **M3** to clear the incorrect entry.

Enter any further information regarding this name according to the procedure described. When all the necessary information has been entered,



1. Press **M3** to confirm the settings.
2. Press **M1** to save the entries, press **M3** to reject the entries.

5 Call Functions

Taking a call

When there is an incoming call, («») is shown on the display, press  to take the call.


Rejecting a call

When there is an incoming call, («») is shown on the display, press  to reject the call.

Ending a call





During a call, press  to end the call.

Making a call

1. Use the keypad to enter the phone number.
2. Press **M3** to delete the incorrect entries.
3. Press  to dial the phone number.


Call list

Your mobile phone stores the last numbers dialled (redialling), calls received and missed calls in a call list.


1. Press  to open the call list.
2. Use / to select the entry and press  to dial the number.

Dialling numbers from the phone book

You must have already stored phone numbers in the phone book.

1. During standby mode, press ▼ to open the phone book.
2. Use ▲/▼ buttons to select the entry and press  to dial the number.

If you have assigned several phone numbers to the entry, select the number required.

1. Use ▲/▼ to select the relevant number.
2. Press  to dial the number.

Quick dialling

You must have already assigned phone numbers to the one-touch buttons.

Press and hold the one-touch dialling buttons (**M1**, **M2** or **M3**) to dial the number.

Setting the receiver volume

The volume can be adjusted during a call.

Press **+** or **-** to select the required volume during a call.

Call Functions

Talk time display

The duration of a call is displayed during a call in hours, minutes and seconds.

Handsfree

This function is used to listen to the caller via the loudspeaker.

1. When "H-Free" is shown on the display, the handsfree mode is activated.
2. When "H-Held" is shown on the display, the handsfree mode is deactivated.

Muting the microphone in the handset

The microphone in the handset can be activated and deactivated during a telephone conversation.

1. During a call, press **M1** to open the menu.
2. Use ▲/▼ to select *Mute*, press **M1** to select *On* or *Off*.

Keypad lock

The keypad lock is intended to prevent functions being triggered unintentionally.

1. Press and hold **#** for 3 seconds to activate the keypad lock function.



Calls can still be taken in the normal way even when the keypad lock function is activated.

2. Press **M3** and then **#** to activate the keypad lock function immediately after unlock the keypad.

Deactivating the ringing melody

The ringing melody can be deactivated.

In standby mode, press and hold ***** for 3 seconds to activate or deactivate the ringing melody.

Deactivating the ringing tone for the current call

During an incoming call, press and hold ***** for 3 seconds to deactivate the ringing melody.



The ringing tone is automatically activated for the next incoming call.

Options during a call

Whilst on a call, press **M1** to open the menu.

This menu provides access to functions which can be executed during a call:

Hold

1. Use **▲/▼** to select *Hold*, press **M1** to confirm and put the current call on hold.

Call Functions



When a call is put on hold, the menu option changes to "Retrieve".


2. To retrieve the call put on hold, use ▲/▼ to select *Retrieve*, and press **M1** to resume the call.

Handsfree

1. Use ▲/▼ to select *H-Free*, press **M1** to confirm and set the handsfree mode on or off.

New call

This puts first call on hold whilst you make a call to another party.

1. Use ▲/▼ to select *New Call* and press **M1** to confirm.
2. Use keypad to enter the phone number and press  to dial the number.



The first call is put on hold.

Phone book

Use ▲/▼ to select *Phonebook* and press **M1** to open the phone book for operation.

SMS (text messages)

Use ▲/▼ to select *SMS* and press **M1** to confirm and open the menu to write/edit an SMS text.

DTMF tones

Use ▲/▼ to select *DTMF*, press **M1** to select the DTMF tones On or Off.


6 Emergency Call Function

This mobile phone is equipped with a convenient emergency call function. Up to 5 phone numbers can be entered for emergency calls. When the emergency call function is activated, the phone automatically switches to "handsfree", an acoustic alarm is heard and information can appear in the display.

 If no SIM card is installed and the emergency call switch is switched on, the emergency call number 000 is automatically dialled.

Entering/Deleting emergency call numbers

Proceed as follows to define an entry in the phone book as an emergency call number.

 Each number you want to define as an emergency call number must already be stored in the phone book.

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Help Setting*, press **M1** to confirm.
3. Use **▲/▼** to select *Set Help Numbers*, press **M1** to confirm.

Emergency Call Function

4. Use ▲/▼ to select options (*Help No.1 to Help No.5*), press **M1** to confirm.
5. Use ▲/▼ to select *From Phonebook*, press **M1** to confirm and open the phone book and select an entry.

Select *View* and press **M1** to confirm and view the entry.
Select *Clear* and press **M1** to confirm and delete the entry.

Sending an emergency call

You define whether an emergency call is only sent to the number entered in "Help No.1" or to all the emergency numbers entered.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Help Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Set Help Numbers*, press **M1** to confirm.
4. Use ▲/▼ to select *Reach Setting*, press **M1** to confirm.
5. Use ▲/▼ to select *Reach All* or *Reach One Only*, press **M1** to confirm.

Setting the duration of an emergency call

You set the length of time an emergency call should attempt to contact an emergency number. When the set time has expired, the next number is dialled.

Emergency Call Function

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Help Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Help Call Duration*, press **M1** to confirm.
4. Use ▲/▼ to select *Off* or *1 min. to 5 min.*, press **M1** to confirm.

Entering message in the display for the emergency function

You can enter a text message which appears in the display when you activate an emergency call.



This information is **not** sent as text message but appears briefly in the mobile phone display.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Help Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Predefine Help Message*, press **M1** to confirm.
4. Use keypad to write/edit an emergency message, press **M3** to delete the incorrect entry, press **M1** to confirm.

Emergency Call Function, Examples

7 Emergency Call Function, Examples

The emergency call function is explained here using two realistic examples.



If no SIM card is installed and the emergency call switch is activated, the emergency call number 000 is automatically dialed.

Emergency calls to an emergency call center

The number of the emergency call center must be stored in the phone book.



It may be necessary for you to register with an emergency call center. Ask your doctor or community services for details.

Proceed as follows:

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Help Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Set Help Numbers*, press **M1** to confirm.
4. Use ▲/▼ to select *Help No.1*, press **M1** to confirm and select memory location 1.
5. Use ▲/▼ to select *From Phonebook*, press **M1** to confirm and open the phone book.

Emergency Call Function, Examples

6. Use ▲/▼ to select emergency call center and press **M1** to confirm.
7. In the Set Help Numbers menu, use ▲/▼ to select *Reach Setting* and press **M1** to confirm.
8. Use ▲/▼ to select *Reach One Only* and press **M1** to confirm.
9. Back to the Help Setting menu, use ▲/▼ to select *Help Call Duration* and press **M1** to confirm.
10. Use ▲/▼ to select *Off* and press **M1** to confirm.

In the case of an emergency call:

The mobile phone dials the number of the emergency call center and switches to handsfree mode. Make the call. If the number of the emergency call center is "engaged", up to three further attempts are automatically made to dial the number.

Emergency Call Function, Examples

Emergency call to several numbers

The required phone numbers must be stored in the phone book (relatives/friends).

Proceed as follows:

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Help Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Set Help Numbers*, press **M1** to confirm.
4. Use ▲/▼ to select *Help No.1*, press **M1** to confirm and select memory location 1.
5. Use ▲/▼ to select *From Phonebook*, press **M1** to confirm and open the phone book.
6. Use ▲/▼ to select an entry and press **M1** to confirm.
7. In the Set Help Numbers menu, use ▲/▼ to select *Help No.2* and press **M1** to confirm.
8. Use ▲/▼ to select *From Phonebook* and press **M1** to confirm.
9. Use ▲/▼ to select further entries and press **M1** to confirm.

Emergency Call Function, Examples

After max. 5 emergency numbers have been dialled

1. In the Set Help Number menu, use ▲/▼ to select *Reach Setting* and press **M1** to confirm.
2. Use ▲/▼ to select *Reach All* and press **M1** to confirm.
3. Back to the Help Setting menu, use ▲/▼ to select *Help Call Duration* and press **M1** to confirm.
4. Use ▲/▼ to select *Off* and press **M1** to confirm.

In the case of an emergency call:

The mobile phone dials the 1st emergency call number and switches to handsfree mode. When a connection is made, speak to the person answering. If the phone number is "engaged" or an answering machine replies, the mobile phone automatically dials the next emergency call number (after approx. 1 - 2 minutes).



If a time has been set for the emergency call duration (1 - 5 min.), the mobile phone automatically starts to dial the next number when this period has expired. A call in progress is automatically disconnected.

8 Starting/Ending the Emergency Call Function

Starting the emergency call

Slide the **emergency call switch** upwards. An acoustic signal is issued when the corresponding function is activated.

The mobile phone dials the assigned number and switches to handsfree mode. Complete the call.

Depending on the settings selected, the number is redialled or the next number is dialled.

Ending the emergency call

When you have finished the call or want to interrupt the emergency call, slide the emergency call switch upwards again and then press the **M1** button.

Otherwise, the emergency call starts up again automatically.

9 Phone Book

Up to 500 entries (names with several related phone numbers) can be stored in the phone book.


- Always enter the area code with all the phone numbers.
- When the memory capacity is used up, the corresponding message appears when an attempt is made to store another entry. Before new entries can be stored, old entries must be deleted.
- The phone book entries are arranged alphabetically. To skip directly to a required phone book entry, press the corresponding first letter. To search for the entries manually, use the ▲/▼ buttons.



Your network service provider can state how many entries you can store on your SIM card.

- Entries which you have stored on the SIM card are identified by the  icon preceding the name.

Entering names

The digit keys are also labelled with letters for the entry of names. Press the corresponding button the respective number of times to enter letters. Information on ways of entering text;  Page 29.

1. During entering, press **0** to enter a space.
2. Press **M3** to delete the incorrect entry.
3. Use **▲/▼** to move the cursor or to scroll.

Creating phone book entries

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Phonebook*. Press **M1** to confirm.
3. Use **▲/▼** to select *Add New*, press **M1** to confirm.
4. Use **▲/▼** to select *To SIM* or *To Phone*, press **M1** to confirm and select memory location.
5. Use **▲/▼** to select *Home Number* and press **M1** to confirm.
6. Use the keypad to enter the number and press **M1** to confirm.
7. Use **▲/▼** to select options and use keypad enter information, press **M1** to confirm.

Complete any further information regarding this name according to the procedure described. When all the necessary information has been entered:

1. Press **M3** to confirm the settings.
2. Press **M1** to save the entries, press **M3** to reject the entries.

Saving in Standby mode

1. Use the keypad to enter the phone number.
2. Press **M1** to confirm.
3. Use **▲/▼** to select the memory location (*To SIM or To Phone*), press **M1** to confirm.
4. Use the keypad to enter the name and press **M1** to confirm.
5. Use **▲/▼** to select another option and press **M1** to confirm, use the keypad to enter the information and press **M1** to confirm.

Complete any further information regarding this name according to the procedure described. When all the necessary information has been entered:

1. Press **M3** to confirm the settings.
2. Press **M1** to save the entries, press **M3** to reject the entries.

Modifying, editing, deleting phone book entries

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phonebook*, press **M1** to confirm.
3. Use ▲/▼ to select *Search*, press **M1** to confirm. Search for the required entry as described at the beginning of this chapter.

After searching the number, press **M1** to confirm. The following functions are available:

Select *View* to view the entry.

Select *Edit* to edit the entry.

Select *Clear* to delete the entry.

Select *Copy* to Copy the entry from SIM to phone.

Select *Move* to move the entry from SIM to phone.

Select *Send Message* to send and SMS text.

Select *Send Card* to send a visiting card.

Use ▲/▼ to select the above functions and press **M1** to confirm.

Editing or deleting all entries

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phonebook*, press **M1** to confirm.
3. Use ▲/▼ to select *Delete All* or *Copy All*, press **M1** to confirm.

Select *Delete All* to delete all the entries from the SIM or phone.

Select *Copy All* to copy all the entries from the SIM or phone.

Groups

You can assign the entries to various groups. Groups can be displayed or hidden in order to have a better overview of the phone book. The groups can be allocated different ringing melodies.

Assigning an entry to a group

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phonebook*, press **M1** to confirm.

Phone Book

3. Use ▲/▼ to select *Caller Group*, press **M1** to confirm.
4. Use ▲/▼ to select *Family*, press **M1** to confirm.
5. Use ▲/▼ to select *Member List*, press **M1** to confirm.

If there are no entries in the *Member List*, only the *Add* menu option is available.

6. Press **M1** to confirm, use ▲/▼ to select an entry from the phone book and press **M1** to confirm and add it to the member list.

If there are entries available in the Member List, press the **M3** softkey. The following options *Add* or *Clear* are then available.

Changing the group name and tone

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phonebook*, press **M1** to confirm.
3. Use ▲/▼ to select *Caller Group*, press **M1** to confirm.
4. Use ▲/▼ to select *Family*, press **M1** to confirm.
5. Use the keypad to edit the group name, or
6. Use ▲/▼ to select the ring tone, press **M1** to confirm. Use ▲/▼ to select a different ringing tone and press **M1** to confirm.

Settings

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phonebook*, press **M1** to confirm.
3. Use ▲/▼ to select *Settings*, press **M1** to confirm.
4. The following functions are available:
Select *Memory Status* to display the status of the SIM and phone.
Select *Fields* to set the fields in the phone book to be displayed.
Select *My Card* to edit or send my card.
Use ▲/▼ to select the above options and press **M1** to confirm.

10 Call List

The mobile phone is equipped with a call list. Your mobile phone stores the last phone numbers dialled, taken and received but missed.



If one of the phone numbers received matches an entry in the phone book, the associated name appears.

The following icons appear to indicate



numbers dialled,



calls received,



missed calls.

Dialling from the call list

1. Press to open the call list.
2. Use / to select an entry and press to dial the number.

Displaying list details

1. Press to open the call list.
2. Use / to select an entry and press **M1** to confirm.

The following functions are available:

Select *Clear* to delete the entry,

Select *Save* to save the entry on the SIM or phone.

Select *Call* to dial the entry.

Select *Edit* to edit the entry.

Select *Delete All* to delete the calls list.

Use ▲/▼ to select the above options and press **M1** to confirm.

11 SMS – Text Messages

Writing an SMS text



A text message can contain up to 612 characters, including spaces.

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Messages*, press **M1** to confirm.
3. Use **▲/▼** to select *Write Message*, press **M1** to confirm.
4. Use keypad to enter the text.



Information on ways of entering text;  Page 29.

Press **M1**, use the **▲/▼** to select the following functions:

1. Select *Send Only*, press **M1** to confirm, and use keypad to enter the number or select from the phone book, press **M1** to confirm and send out the SMS text.
2. Select *Save and Send*, press **M1** to confirm, and use keypad to enter the number or select from the phone book, press **M1** to confirm. The SMS text is saved in the “Outbox” folder.
3. Select *Save* and press **M1** to confirm. The SMS text is saved in the “Outbox” folder.

4. Select *Send To Many* and press **M1** to confirm. The message can be sent to several recipients selected from the phone book.
5. Select *Send By Group* and press **M1** to confirm. The SMS text is sent to all the members of a group.

SMS text messages sent and received



Texts received are indicated by a ringing tone which you have set. "New Message!" appears in the display. Press the "Read" softkey to display the message.

SMS texts received are stored in the "Inbox" folder.

SMS texts sent are saved in the "Outbox" folder as are the drafts.

Editing stored texts

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Messages*, press **M1** to confirm.
3. Use ▲/▼ to select *Outbox / Inbox*, press **M1** to confirm.
4. Use ▲/▼ to select the SMS text and press **M1** to confirm and view the SMS text.
5. Press **M1**, use the ▲/▼ to select the following functions:

SMS – Text Messages

Select *Reply* to reply to the number from which the text was sent.

Select *Forward* to Forward the text to a different number.

Select *Send* to send the SMS text.

Select *Edit* to edit the SMS text.

Select *Clear* to delete the SMS text.

Select *Copy to SIM/Copy to Phone* to copy the SMS text.

Select *Move to SIM/Move to Phone* to move the SMS text.

Select *Delete All* to delete all the SMS text.

Select *Copy All* to copy all the SMS text to SIM or phone.

Select *Move All* to move all the SMS text to SIM or phone.

Select *Use Number* to use the number from which the text was sent.

12 Voice Mail



It is possible that not all functions described are supported by every network service provider. Therefore, please contact your local mobile phone network service provider for details. Fees and charges may apply for network services.

In order to use the "Voice Mail"¹ feature, the relevant phone number must be programmed in your mobile phone. Normally, this has already been set up by your network service provider.

Setting up the Voice Mail feature

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Messages*, press **M1** to confirm.
3. Use **▲/▼** to select *Message Settings*, press **M1** to confirm.
4. Use **▲/▼** to select *Voice Mail* and press **M1** to confirm.
5. Use **▲/▼** to select *Empty* and press **M1** to confirm and start editing.

Voice Mail



If a number is already available, it appears instead of "Empty".

6. Use keypad to enter or edit the Voice Mail number and press **M1** to confirm and save it.

The following functions are available in the "Voice Mail" menu.

Select *Clear* and press **M1** to confirm, the Voice Mail number is deleted.

Select *Connect to Voice Mail* and press **M1** to confirm, the Voice Mail number is dialled.

¹ Voice Mail, also referred to as mailbox (answering machine in mobile telecommunication network)

Playing the Voice Mail messages

Navigate to the "Connect to Voice Mail" menu option, as previously described, and press the **M1** softkey or Hold **1**, a connection is established to your "Voice Mail" and you can play messages recorded

13 Network services



It is possible that not all functions described are supported by every network service provider. Therefore, please contact your local mobile phone network service provider for details. Fees and charges may apply for network services.

Navigating to the "Call Setting" menu.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phone Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Call Setting*, press **M1** to confirm.

Forwarding calls

The following functions enable incoming calls to be transferred to other phone numbers.

Navigate to the "Call Setting" menu as previously described.

1. Use ▲/▼ to select *Call Divert*, press **M1** to confirm.
2. Use ▲/▼ to select *Cancel All Divert*, press **M1** to confirm and stop all the calls being transferred.

Network services

3. Use ▲/▼ to select the setting for which calls should be redirected: *All Voice Calls, If Unreachable, If No Answer, If Busy*, press **M1** to confirm.
4. Use ▲/▼ to select *Activate* and press **M1** to confirm, use keypad to enter the number or select from the phone book. Press **M1** to confirm, the call forwarding function is then active.
5. Use ▲/▼ to select *Deactivate* and press **M1** to confirm. The corresponding call transfer is deactivated
6. Select *Check Status* and press **M1** to confirm and display the current setting.

Call barring

The following function is used to restrict calls which can be received and made.

Navigate to the "Call Setting" menu as previously described.

Use ▲/▼ to select *Call Barring*, press **M1** to confirm.

Changing the network password

This service must be requested from the telephone network provider. The provider then makes the corresponding numeric code available.

Navigate to the "Call Setting" menu.

1. Use ▲/▼ to select *Call Barring*, press **M1** to confirm.
2. Use ▲/▼ to select *Change Password*, press **M1** to confirm.

Call waiting

You will hear a Beep informing you that another call has been received while the current call is in progress.

Navigate to the "Call Setting" menu.

Use ▲/▼ to select *Call Waiting*, press **M1** to confirm.

Automatic redialling

When this function is activated, redialling is initiated automatically if the number dialled is "engaged".

Navigate to the "Call Setting" menu.

Use ▲/▼ to select *Auto Redial*, press **M1** to confirm.

14 Settings

One-touch dialling buttons

It is possible to assign phone numbers to the one-touch dialling buttons **M1**, **M2** or **M3** which are then dialled directly by pressing and holding the corresponding button.



Each number you want to define as a one-touch dialling number must be stored in the phone book.

Assigning a phone number to a one-touch dialling button:

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Set M1/M2/M3*, press **M1** to confirm.
3. Use ▲/▼ to select *M2 Call Number*, press **M1** to confirm.
4. Use ▲/▼ to select the following options, press **M1** to confirm.

Select *View* to display the number.

Select *From Phonebook* to select and save a phone number from the phone book.

Select *Clear* to delete the number assigned.

Clock and alarm

This menu option can be used to set and change the date, time and alarms.

Open the menu:

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Clock & Alarm*, press **M1** to confirm.

Time & Date

1. In the *Clock & Alarm* menu, use **▲/▼** to select *Time & Date*, press **M1** to confirm.
2. Use **▲/▼** to select options (*Set Home City, Set Time/Date, Set Format*), press **M1** to confirm and go on setting.

Select *Set Home City*, press **M1** to confirm and use **▲/▼** to select the option, press **M1** to confirm.

Select *Set Time/Date*, press **M1** to confirm and enter edit mode, use keypad to enter the date and time, press **M1** to confirm.

Select *Set Format*, press **M1** to confirm and use **▲/▼** to select the option, press **M1** to confirm and go on with the time and date display format setting.

Settings

Set Alarm

1. In the *Clock & Alarm* menu, use ▲/▼ to select *Set Alarm*, press **M1** to confirm.
2. Use keypad to enter the time, press **M1** to confirm.

Show Time & Date

1. In the *Clock & Alarm* menu, use ▲/▼ to select *Show Time & Date*, press **M1** to confirm.
2. Use ▲/▼ to select *On or Off*, press **M1** to confirm.

Calender

This menu option opens the current calendar sheet. You can select other days and manage entries in the appointments list. Use the ▲/▼ buttons to navigate in the Calender display.

Open the menu:

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Calendar*, press **M1** to confirm.
Flashing keypad
3. Use ▲/▼ to select date, press **M1** to confirm. Use ▲/▼ to select options: *View Tasks* and *Jump To Date*.

Flashing keypad

Use this menu to select whether the keypad back lighting should flash in the event of incoming calls.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phone Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Call Setting*, press **M1** to confirm.
4. Use ▲/▼ to select *Key LED flash*, press **M1** to confirm.
5. Use ▲/▼ to select *On* or *Off*, press **M1** to confirm.

Navigation buttons

You can assign various menu options to the digit keys 2 to 9. Then hold the corresponding key pressed longer than 3 seconds to open the respective menu.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phone Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Set Fast key 2–9*, press **M1** to confirm.
4. Use ▲/▼ to select *4–key*, press **M1** to confirm.

Settings

5. Use ▲/▼ to select *Calendar*, press **M1** to confirm.



In the example above, the calendar is opened when the **4** button is pressed for longer than 3 seconds when in Standby mode.

Security settings

This menu is used to define which functions on the phone or SIM card should be protected by a password/PIN. The PIN and password can be changed.



PIN and PIN2 are supplied together with the SIM card. Further information is available from your SIM card provider.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phone Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Security Setting*, press **M1** to confirm.
4. Use ▲/▼ to select option, press **M1** to confirm.



The default setting for the password is 0000. If this lock is active, you can only open the main menu by entering the password.

SIM Lock



The password is supplied together with the SIM card. If you deactivate the SIM lock, you need not enter the PIN after switching the mobile phone on.

It is recommended to leave the SIM lock on to prevent unauthorized persons from using the mobile phone.

Phone Lock



The default setting for the password is 0000. If this lock is active, you must first enter the password for the phone lock after switching the mobile phone on and then enter the PIN.

Change Password

Change the passwords/PIN

Phone settings

Navigating to the "Phone Setting" menu.

1. During standby mode, press **M1** to enter the main menu.
2. Use **▲/▼** to select *Phone Setting*, press **M1** to confirm. Display settings

Use this menu to adapt the phone display to your own personal needs.

Navigate to the "Phone Setting" menu.

Settings

1. Use ▲/▼ to select *Display Setting*, press **M1** to confirm.
2. Use ▲/▼ to select options, press **M1** to confirm.
Select *Language* to set the display language
Select *Greeting Text* to edit the text displayed when the phone is switched on.
Select *Screen Saver* to select and setup a screen saver.
Select *Contrast* to adjust the display contrast setting.
Select *LCD Backlight* to set the brightness and lighting duration of the back-lighting.
Select *Font Size* to set the font size in the display to "Small" or "Large".
Select *File Manager* to manage folders and audio and image files.

Sound settings

Use this menu to adapt the phone's ringing tones to your own personal needs.

Navigate to the "Phone Setting" menu.

1. Use ▲/▼ to select *Sound Setting*, press **M1** to confirm.
2. Use ▲/▼ to select options, press **M1** to confirm.
Select *Set Sound* to select specific ringing tones for various alert ringing signals.

Select *Set Volume* to select specific volumes for the various alert ringing signals.

Select *Alert Type* to select whether you are alerted of incoming calls via a ringing tone or vibration.

Select *Help Tone* to select whether an acoustic alarm should be issued when an emergency call is activated

Automatic key lock

You can set up the mobile phone so that the key lock is automatically activated after a certain time in Standby mode. Navigate to the "Phone Setting" menu.

1. Use ▲/▼ to select *Auto KeyLock*, press **M1** to confirm.
2. Select *None* and press **M1** to confirm. The automatic function is *Deactivated*.

Select other options and press **M1** to confirm. the key lock is automatically activated after the selected value.

Default settings

This allows the phone to be reset to its default (factory) settings.

Navigate to the "Phone Setting" menu.

Use ▲/▼ to select *Restore Factory Settings*, press **M1** to confirm.



The default password is 0000.

15 Advanced Settings

SMS – Text Messages



It is possible that not all functions described are supported by every provider. Therefore, please contact your local mobile phone network service provider for details.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Messages*, press **M1** to confirm.
3. Use ▲/▼ to select *Message Settings*, press **M1** to confirm.
4. Use ▲/▼ to select *Profile Setting*, press **M1** to confirm.

SMS service center



Normally, this has already been set up by your network service provider.

Navigate to the "Profile Setting" menu.

1. Use ▲/▼ to select *Profile Setting*, press **M1** to confirm.
2. Use ▲/▼ to select *Number Edit*, press **M1** to confirm.

3. Use keypad to enter or edit the MSC number and press **M1** to confirm.

Validity

You can use this feature to define how long an attempt should be made to deliver a message which you have sent.

Navigate to the "Profile Setting" menu.

1. Use ▲/▼ to select *Profile Setting*, press **M1** to confirm.
2. Use ▲/▼ to select *Validity*, press **M1** to confirm.
3. Use ▲/▼ to select *Maximum*, press **M1** to confirm.

Settings

Delivery report

Select "Delivery Report – On" to receive the corresponding delivery confirmation report that a message sent has been delivered.

Reply path

Select "Reply Path – On" to send the reply path of your provider with an SMS message. Contact your network service provider for further details.

Navigate to the "Profile Setting" menu.

Advanced Settings

1. Use ▲/▼ to select *Profile Setting*, press **M1** to confirm.
2. Use ▲/▼ to select *Common Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Delivery Report* or *Reply Path*, press **M1** to confirm and use ▲/▼ to switch it on or off.

Memory status

Navigate to the "Profile Setting" menu.

1. Use ▲/▼ to select *Profile Setting*, press **M1** to confirm.
2. Use ▲/▼ to select *Memory Status*, press **M1** to confirm.



The memory locations occupied and free on the mobile phone and SIM card are displayed.

SIM Toolkit

Your mobile phone supports the SIM Toolkit¹.



You receive information on: using STK, charge rates, data and offers from your network service provider.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *SIM Toolkit*, press **M1** to confirm.

Broadcast messages

You mobile phone supports receiving broadcast² messages.

 You receive information on: broadcast messages, charge rates, data and offers are from your network service provider.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Messages*, press **M1** to confirm.
3. Use ▲/▼ to select *Message Settings*, press **M1** to confirm.
4. Use ▲/▼ to select *Broadcast Message*, press **M1** to confirm.

¹ Sim Toolkit (STK)

The SIM Application Toolkit (commonly referred to as STK) is a standard of the GSM system which enables the SIM to initiate actions which can be used for various value added services.

² Broadcast, also referred to as **CB = Cell Broadcast** (information services from your telephone network service provider)

Network setting

Network selection: This menu can be used to select mobile telecommunication networks other than your own mobile network provider. However, the corresponding agreements must have been concluded.

Preferred networks: You can select the mobile telecommunication networks prescribed on the SIM card and edit them. Use the ▲/▼ buttons to change the priority.



It is possible that not all functions described are supported by every provider. Therefore, please contact your local mobile network service phone provider for details. They may contain services which are subject to charges.

1. During standby mode, press **M1** to enter the main menu.
2. Use ▲/▼ to select *Phone Setting*, press **M1** to confirm.
3. Use ▲/▼ to select *Network Setting*, press **M1** to confirm.
4. Use ▲/▼ to select *Network Selection* or *Preferred Networks*, press **M1** to confirm.

16 Troubleshooting

Problems and solutions

Problems	Solutions
The mobile phone can not be switched on.	– Insert battery, charge and try again.
The display is "locked" when the mobile phone is switched on.	– Enter the PUK to "unlock" the SIM card. Contact your network service provider.
No signal quality is displayed.	– No network connection. The mobile phone is in a location where there is no network service. Move to a different location or contact your network service provider.

Troubleshooting

<p>Keypad does not function or only functions very slowly.</p>	<ul style="list-style-type: none">– The operating speed of the display is reduced in the case of low temperatures. This is normal. Use the phone in a warmer location.
<p>A message appears in the display for some functions, indicating execution/use is not possible.</p>	<ul style="list-style-type: none">– Many functions can only be used after the respective service has been applied for. Contact your network service provider for more details.
<p>No display during the charging process.</p>	<ul style="list-style-type: none">– The battery status is very low or the mobile phone is being operated outside the recommended temperature range (0° – 45 °C). Wait a few minutes or move the phone to a warmer location. Start the charging process again.

Troubleshooting

No connection to the mobile telecommunication network.	<ul style="list-style-type: none">– Contact your network service provider.
The "Insert SIM" message appears in the display.	<ul style="list-style-type: none">– Ensure that the SIM card has been installed correctly. Contact your network service provider, if necessary.
The battery cannot be charged or is empty within a short time.	<ul style="list-style-type: none">– Battery is defect.– Place the phone correctly in the charging unit or connect the charging unit properly. Clean the contact surfaces on the mobile phone and charging unit with a soft, dry cloth.– Charge the mobile for 4 hours.

Technical Properties

16 Technical Properties

Technical data

Feature	Value
Standard	GSM ¹ 900, 1800 MHz Dual-band
Dimensions	50 x 128 x 16.5 mm (W x H x D)
Weight	< 100 g incl. battery
Power supply	Input: 100–240 V, 50–60 Hz, 0.2 A Output: Mini-USB 5 V, 800 mA
Battery	Model: KEBT-5057 3.7 V, 750 mAh
Standby time	Up to 170 hours
Max. talk time	Up to 120 minutes
Display	1.77" monochrome, Resolution: 128 x 128
SMS	Standard SMS
Permissible ambient temperature	0°C to 40°C
Permissible relative humidity	30% to 75%

¹ **GSM** = Standard for mobile phones.

17 This oricom mobile phone meets the guidelines for exposure to radio waves

The Australian safety standard for electromagnetic emissions (EME) is set by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) and regulated by the Australian Communications and Media Authority (ACMA).

These requirements are set out in the Radio Communications Act 1992 and the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003.

All the applicable safety standards related to radio frequency emissions were complied with during the development of this mobile phone. The limit values are based on scientific directives and include a safety margin in order to guarantee the safety of all persons regardless of age and state of health.

SAR (Specific Absorption Rate) is a unit of measurement used in the standard and it measures the amount of radio frequency energy absorbed by the body when using a mobile phone. SAR values are measured using standardized methods by which the mobile phone works in all the frequency bands used with the highest energy level. Although the SAR values of various phone models can differ, all the models were developed to maintain the relevant directives on radio frequency emissions. The following information applies to residents of countries which, as with Australiasia, have adopted the SAR limit value recommended by the ICNIRP (International Commission on Non-Ionizing Radiation Protection) which lies at 2W/Kg (averaged from 10 gram tissue): The highest SAR value measured, averaged over 10g tissue, was < 0.526 W/kg for this mobile phone measured at the ear.

Warranty (Australia)

- (a) Warranty Oricom International Pty Ltd (Oricom) warrants that the product is free from defects in materials and workmanship for a period of 12 months effective from the date of purchase. This warranty in no way affects your statutory warranty under the Trade Practices Act 1974 or any other similar legislation. It is important that you read the Warranty Card as it contains full and additional details of the warranty, limitation of warranty and conditions for receiving the warranty services during the warranty period. The Warranty Card is located in the package.
- (b) Exclusion and limitation of liability. Oricom will not be in breach of a warranty or condition expressly stated in this User Guide or the Warranty Card or implied by the Trade Practices Act and excludes any liability arising under any statutory or common law for damages or any other remedy if the damage occurs as a result of:
 - (i) Failure by you to follow the instructions in the User Guide for the installation and proper functioning of the product;
 - (ii) Negligence on your part or misuse by you of the product;

- (iii) Any un-controlled external cause to the product not functioning including but not limited to electricity failure, lighting, over voltage;
- (iv) Non adherence by you to the warnings in the User Guide and the User Guide generally; and
- (v) Modification to the product or services carried out to the product by anyone other than Oricom or on Oricom's behalf.

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Guarantee

Customer Support

If you feel this product is not working correctly please consult the user guide and ensure that you are using the product in accordance with the instructions.

To order spare parts and in case of any technical issues you may have with this product please consult our website for further information or send us an email for a prompt response to your enquiry.

In the unlikely event of a fault developing, please contact us for assistance. If the product is then found to be faulty you will be asked to return it directly to us with a copy of the purchase receipt.

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