

USER MANUAL FOR
M-2
GSM/GPRS MOBILE PHONE
(Version 1.0)

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Safety precautions



Switch off in Hospitals or where sensitive medical equipment is used.



Switch off mobile at a refueling point, or near chemicals and blasting areas.



Remember to make backup copies of all important data.



Use only approved power supplies with this product.



Only qualified personnel may repair this equipment.

Any damage to the security seal will cause the warranty to be invalidated.



Uses only approved accessories, and dispose of batteries in accordance with regulations.



All wireless phones may suffer from radio interference, which may affect performance.



Switch off in aircraft. Your mobile phone is a radio transmitter and may interfere with the aircraft systems.



Do not use a handheld phone while driving.

Warning: Improper use will cause the warranty to be invalidated.

■ Overview of the Phone





■ Index of the Mobile Key

1	Earpiece	For listening
2	LCD	260K TFT
3	Left Function Key	Press to select options that appears in the display .

4	Right Function Key	Press to select options that appears in the display .
5	Navigation Key	Move through the menus ,lists and texts .
6	OK Key	For confirmation
7	Power Key	<p>Switched off:press and hold to switch on .</p> <p>During a conversation or in an application : press briefly to finish .</p> <p>In menus : press briefly to go back a level ,Press and hold to return to standby mood .</p> <p>In standby mood : press and hold to switch off the key .</p>
8	Dial Key	To make and accept calls, and access the calls list.
9	Number Keys	Enter digits.

		Press and hold 0 to enter the international prefix+. Press and hold # to make the speaker off.
10	Speaker	To display Hi-Fi ring tones.
11	Microphone	For speaking.
12	7-color LED	To set different colors when having incoming calls.
13	Outer LCD	To display time, signal strength and battery status.
14	Side Key	When having an incoming call , press to silence the rong tone. Press and hold to reject the call.
15	Camera	1300K pixels, Auto focus, Built-in camera.
16	Plug scket	For charger and data cable.

Getting started

Install the Battery

1. Switch off the phone.
2. Remove the cover downwards .
3. Insert the battery in the direction of the arrow and place the cover as shown below.



Remove the Battery

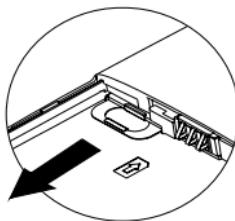
1. Switch off the phone.
2. Press the button on the back. Pull and remove the cover.
3. Lift the battery out.

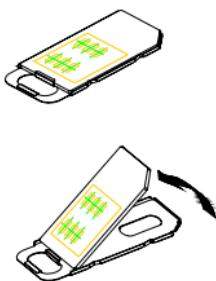


Insert the SIM Card

Warning :This phone supports 3 volt SIM cards only.

1. Make sure the phone is switched off before removing SIM card.
2. Pull out the SIM card holder carefully and place the SIM card with golden side contacts facing upwards.(make sure the angled corner is in the correct position).



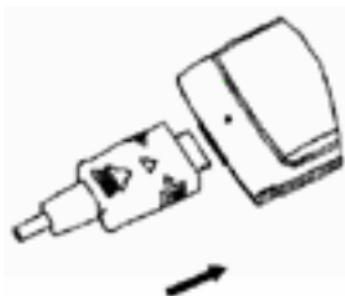


Charge battery

WARNING:

Please **DO NOT** remove the battery while the phone is charging!

1. Plug the charger lead into the socket on the bottom of the phone as shown below.
2. Connect the charger into a mains power socket.



The battery bar keeps scrolling while charging (even when the phone is switched off).

Note:

1. You will need to charge the battery for 12 hours before you use the phone for the first time to ensure the optimum battery life.
2. You can use the phone while charging.
3. If the phone's battery is totally discharged, it may take a few minutes before the battery bar displays on the screen.

Switch On / Off

- 1 Press and hold the **Power key** to switch the mobile phone On/Off.
2. When you switch on, the phone may ask you to enter your PIN code for security reasons.
3. Enter the PIN code if asked (displayed as ****). PLS see the detail explanation on page 114

Calling

■ Making Calls

Making Calls by Pressing Number Key

1. In the main menu, enter the phone number using the **Number Keys**. The entered number can be edited using the **Navigation Key** and 'Clear' Key. Press and hold the 'Clear' Key to delete all digits on the left of the cursor.
2. To make International Calls, press and hold the ***** **Key** to enter a "+".
3. To enter a 'P'(pause), press and hold the **# Key**.
4. Press the **Dial Key** to dial the numbers shown on the screen.
5. To end the call, press the **Power Key**.
6. Press 'Dial' to display the 20 last-dialed numbers.

Scroll to the number you want to redial by using the **Navigation Key** and press **OK** to select it. The call details are shown, if **OK** is pressed again this number can be Dialed, Sent a message, Erased or Saved to memory.

Making Calls by Using Names

1. In the main menu, press **Right Function Key** to enter the names menu.
2. Select the name by using the **Navigation Key** and press **OK** to show the details or press **Dial key** to call the default number .
3. You can select an alternative number stored against this entry by pressing **OK** and using the **Navigation Keys** to select an alternative number,

Note:

It is also possible to search the directory for a name using the Alphabetical search. When in the names list, press the Alphanumeric **Key** of the first letter of the

required name, and the list will jump to entries starting with that letter.

■ **Answering & Rejecting Calls**

1. Press the **Dial Key** to answer calls.

Options when answering a call

This mobile phone provides a number of functions during a call (many of them are based on Network Service which need Network Operators support , if they do not work, please contact your local service provider).

The following features are available during a call:

1. **Hold**: Put the current call on hold, allowing you to make or receive a second call.
2. **Dial New**: Allows you to make another call while you are involved in a call. (The current call will be held automatically).

3. **End this call:** Select this function to end the current call (allowing you to swap to a call waiting).
4. **Send DTMF:** Allows you to send further dialing digits during a call (some networks allow this feature automatically).
5. **Mute:** Disables the microphone in your handset to allow a private aside without the person on the call hearing you.
6. **Names:** Enter into contacts list to select the number needed.
7. **Main Menu:** Select this Function to display the main menu during a call.

Menu Structure

The main menu has nine icons,

Multimedia

MP3
Camera
Movie
V-meno
Media folder

Names

Search
Add
Edit
Copy
Move
Erase
Speed Dial
Setting

Message

SMS
MMS
Boardcast

Voice mail

Record

Dialled
Received
Missed
Erase
Time Info
Cost Info
GPRS Info

Service

Call divert
Call barring
Call waiting

Settings

Audio Setting
Phone Setting
Call Setting
Network &Security

Extras

Sync
Assistant

Games

Games

WAP

Home

Enter URL

Favorites

Push message

In box

Tools

History

MULTIMEDIA

■ MP3

Select **Multimedia** and enter into MP3 menu. You can change the MP3 settings using this procedure.

Shortcut: In the main menu, press **Navigation Key Left** to enter into the MP3.

Music List

1. Select **Music List** and scroll to the music you want to listen. Press **OK** to play the selected music.
2. In the playing mode, push the **Navigation Key** upward to increase the volume and downward to lower the volume.
3. Press  to change the play mode and equalizer of

the current music.

4. Press  to jump to the previous piece;
5. Press  to pause the current playing;
6. Press  to jump to the next one
7. Press  to stop playing and quit.
8. In the playing mode, press **Power Key** or close the clamshell to enter into the background playing mode.

Play Mode

Select the mode you want from the four. Scroll to [play mode](#) and press **OK**.

There are four play modes for choosing [Sequence](#), [Random](#), [Sequence repeat](#) and [Random repeat](#).

Equalizer

Select the mode you want. Scroll to [Equalizer](#) and press **OK**.

There are nine equalizer for choosing normal, rock, jazz, classic , country, SRS , FOCUS.,TRUBASS and WOWXT.

Volume

You can adjust the music volume in this item.

1. Scroll to **Volume** and press **OK**. Press the **Navigation Key** left or right to adjust the volume.
2. Press **OK** to save the setting or **Quit** to cancel and back to the previous menu.

■ Camera

The camera within this product have been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not

installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Activating the Camera

Select **Multimedia** in the main menu, press the **Navigation Key** left or right to scroll to **Camera**.

Capture

Select **capture**. Choose **General Photo**, **Sticker Photo** or **Quick Photo** and press **OK**.

General Photo

1. Press the **Navigation Key** up or down to Zoom in or Zoom out. Press **OK** to take a photo.

2. Press **Left Function Key** to enter into **Setting**. Press **Navigation Key** left or right to choose from **Brightness**, **Quality**, **Color** and **Size**. Press **Navigation Key** up or down to change the default settings.
3. Press **OK** or **Left Function Key** to save the photo, or press **Right Function Key** to quit without saving. The photos will be saved in the Multimedia Album.

Sticker Photo

Sticker photo shows a cartoon character and allows you to 'frame' a picture in the characters face.

1. Scroll to **Sticker Photo** and select a cartoon. Press **OK** to take a photo.
2. Press **Left Function Key** to enter into **Setting**. Press **Navigation Key** left or right to choose from **Brightness**, **Quality**, **Color** and **Size**. Press **Navigation Key** up or down to change the default settings.

3. Press **OK** or **Left Function Key** to save the photo, or press **Right Function Key** to quit without saving. The photos will be saved in the Multimedia Album.

Quick Photo

1. Scroll to **Quick Photo** and press **OK** to take quick photos.
2. Press **Left Function Key** to enter into **Setting**. Press **Navigation Key** left or right to choose from **Brightness**, **Quality**, **Color** and **Size**. Press **Navigation Key** up or down to change the default settings.
3. Press **OK** or **Left Function Key** to save the photo, or press **Right Function Key** to quit without saving. The photos will be saved in the Multimedia Album.

Album

In **Camera** menu, select **Album**. Choose **General Photo**,

Sticker Photo or Quick Photo and press **OK** to enter into the relevant album. If you have used the phone lock function ([Settings / Network Security / Phone Lock](#)), you will have to enter the phone password.

When you are viewing a picture, press **Left Function Key** to:

1. [Rename](#): Change the name of the current photo.
2. [Erase](#): Erase the current photo.
3. [Erase All](#): Erase all the photos.
4. [Usage](#) ,you can set the photo as the portrait in the phonebook. or set the photo as the wallpaper.
5. [Roam](#): Press the **Navigation Key** left/right or up/down to choose the part displayed on the screen.

[Setting](#)

The procedure is to change the settings of the camera. Select [Settings](#), scroll to the option you want.

■ Movie

Select **Multimedia** in the main menu, press the **Navigation Key** left or right to scroll to **Video**.

Take Movie

1. Select **Take Movie**.
2. Press **Left Function Key** to enter into movie **setting**.
Press **Navigation Key** left or right to select from **Brightness**  , **Quality**  , and **Rec. Speed**  , and up or down to change the default setting.
3. Press **OK** to take a movie.
4. Press **OK** or **Left Function Key** to save the movie, or press **Right Function Key** to quit without saving.

The movie will be saved in the Multimedia Album.

Film Folder

1. Select **Film Folder**.
2. Select a movie. If you have used the phone lock function(**Settings / Network Security / Phone Lock**),

you will have to enter the phone password.

3. Press **Left Function Key** to:

1. **Rename**: Change the name of the current movie.
2. **Erase**: Erase the current movie.
3. **Erase All**: Erase all the movies.
4. **Usage**: Set the current movie as the power on or power off animation.

Setting

The procedure is to change the settings of the Movie. There are three options available which are **Quality**, **Brightness** and **Rec. Speed**. Select **Settings**, scroll to the option you want.

1. Press the **Navigation Key** up or down to select an option.
2. Press **OK** to save, or **Exit** to return to the previous menu.

■ **Voice Memo**

Select **Multimedia** in the main menu, press **OK** and Select **V-memo** by pressing the **Navigation Key** left or right.

Add New

Press **Add New**, and press **OK** to choose creating a **Voice Memo**, **Ring Tone** .

Voice Memo

In this Menu, it shows the total time that you can use to record, and the recorded time which you have already used. Press **OK** to stop recording. Select **Play** or **Save** and press **OK** to confirm:

1. **Play**: To play the current record.
2. **Save**: To save the current record.
3. Press **Exit** to return to the previous menu, or press the **Power Key** to return to the Main Menu.

Ring Tone

The procedure for recording a ring tone is identical to the voice memo. When the ring tone is saved it appears in the list of ring tones which can be selected

Saved :

You can listen to the saved Voice memos and ring tones.

Voice Memo

Scroll to **Saved** and press **OK**. Select a recorded voice memo and press **OK** or **Left Function Key** to choose:

1. **Rename:** To edit the name of the current saved record.
2. **Erase:** To delete the current saved record.
3. **Erase all:** To delete all the saved records.
4. **Detail:** Display the name, length and the date of

current record.

5. Press **Exit** to return to the previous menu, or press the **Power Key** to return to the Main Menu.

Ring Tone

Scroll to **Saved** and press **OK**. Select a recorded ring tone and press **OK** or **Left Function Key** to choose:

1. **Rename**: To edit the name of the current saved record.
2. **Erase**: To delete the current saved record.
3. **Erase all**: To delete all the saved records.
4. **Incoming Tone**: Set the current record as incoming tone.
5. **Detail**: Display the name, length and the date of current record.

■ **Media Folder**

In the Multimedia menu, scroll to **Media Folder** and press **OK**.

In the Media Folder you can manage **MP3**, **Album**, **Film Folder**, **Graphic Library**, **Melody Library** and **Voice Memo**, and also you can see Memory status here.

Note:

The memory for these folders is shared. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. Your phone may display a message that the memory is full when you try to use a shared memory feature. In this case, delete some of the information or entries stored in the shared memory features before continuing.

Names

The information in the contacts list can be saved either in the Phone or the SIM card.

Entries saved in the SIM card can only store the name and one number. If the SIM card is moved to a new handsets, then the information saved on is available in the new handset.

Entries saved in the Phone can store the contacts; name, main, mobile, office, home numbers, and email address.

The phone can store up to 500 entries in the handset.

The number of entries which can be stored on the SIM card

depends upon its capacity.

■ **Search**

In the main menu, use the **Navigation Key** to highlight **Names** and press **OK**. Scroll to **Search** and press **OK**.

1. **Search By Name:** Enter the first letter(s) of a name, then press **Search**.
2. **Search By Group:** use the **Navigation Key** to highlight the required group and press **OK**.
3. When in the names list, you can scroll up or down using the **Navigation Key**, or jump a page at a time by pressing the **# Key** or the *** Key**.
4. With the name highlighted, it can be dialed by pressing the **dial Key**, or press **Left function key**, it can be; Dialed, Sent message, Edited, Erased or Grouped.
5. Press **Exit** to return to the above menu or short press power key to return to the main menu.

■ **Add**

In the main menu, use the **navigation Key** to highlight **Names** and press **OK**. Scroll to **Add** and press **OK**.

To save in the phone

1st Line: Enter a name.

2nd Line: To enter default number (This number will be used by the mobile when you select the record and press dial).

3rd Line: Enter a mobile number.

4th Line: Enter an office number.

5th Line: Enter a home number.

6th Line: Enter the Info

7th Line: Enter an E-mail address.

To save in the SIM card

1st Line: Enter a name.

2nd Line: Enter default number

1. When the contact entry is complete, press **Save** or **OK** to store the record.
2. Press **Exit** to return to the previous menu or short press the **Power Key** to go to the main menu.

■ **Edit**

In the main menu, use the **Navigation Key** to highlight **Names** and press **OK**. Scroll to **Edit** and press **OK**.

1. The contacts list is shown. The symbol on the right hand side of the screen beside the contacts indicates if the entry is stored in the SIM or the phone.
2. To find an entry, use the **navigation Keys** up or down , or enter the first letter(s) of the required name.
3. To jump one 'page' of entries at a time, press the ***** or **# Key**.
4. Press **OK** to select the contact to be edited. When the changes are complete, press **Save** to store the edited information.
5. Press **Exit** to return to the previous menu or short press the **Powerl Key** to go to the main menu.

■ Copy

In the main menu, use the **Navigation Key** to highlight Names and press **OK**. Select **Copy** and press **OK**.

1. Choose either **SIM → Phone** or **Phone → SIM**, press **Ok** to select.
2. The entire contents of one contacts list can be copied in one action, by selecting 'All', or you can just select specific entries to be copied, if 'One by one' is selected.

Note: If you copy the entries, then the handset may show duplicate entries, the original and the copy.

■ Move

In the main menu, use the **Navigation Key** to highlight Names and press **OK**. Select **Move** and press **OK**.

1. Choose **SIM → Phone** or **Phone → SIM**, press **Ok** to

- select.
2. The entire contents of one contacts list can be moved in one action, by selecting 'Move All', or you can just select specific entries to be moved, if 'One by one' is selected.

■ **Erase**

In the main menu, use the **Navigation Key** to highlight **Names** and press **OK**. Scroll to **Erase** and press **OK**.

You can erase the entries at a time, the entire SIM card's contact list, or the entire phone's contact list.

1. **One by one**: This option takes you to the full contacts list, where you can select the entry to be Erased. With the entry to be erased highlighted, press **OK**. Press **OK** again

The entry can be erased .

2. **SIM Card**: If you want to erase all the records in you

SIM Card, select SIM Card and press **OK** to confirm.

All entries will be permanently deleted!

3. **Phone**: To erase all the records that are saved in your mobile phone, select **Phone**, and Press **OK** to confirm. All entries will be permanently deleted!
4. Press **Exit** to return to the previous menu or short press the **Power Key** to go to the main menu.

■ **Speed Dial**

In the main menu, use the **Navigation Key** to highlight **Names** and press **OK**, scroll to **Speed dial** and press **OK**.

You can set up 7 speed dial numbers from key 2 to key8, which are dialed by long pressing the appropriate **number Key** in the

Standby mood.

To create a speed dial entry:

1. Select an empty speed dial location.
2. Press the Add function Key, then will display the

contacts list, allow you to create a speed dial link to the contact.

To edit an existing Speed dial entry, highlight the entry and press option.

3. Press **Exit** to return to the previous menu or short press the **Power Key** to go to the main menu.

Setting

In the main menu, use the **Navigation Key** to highlight **Names** and press **OK**, scroll to **Setting** and press **OK**.

1. **Status**: Show the memory usage for the contact lists in the phone and SIM card.
2. **Own Number**: Display the mobile number associated with the SIM card. (Line 1 and Line 2 are displayed, as some SIM cards can have two numbers).
3. **Group Tone**: Allow a different ring tone to be allocated to each of the pre-defined groups on the handset.

MESSAGE

■ SMS

In the main menu, use the **Navigation Key** to highlight **Messages** and press **OK**:

New

Note:

The phone can 'join together' SMS messages to enable you to enter one message of up to 912 characters, including spaces. Please note this large message will be sent as separate smaller messages,

Additional special character are obtained by pressing the **“*” Key** and navigating to the required symbol then pressing OK to insert it.

The total number of characters typed is shown in the information bar on the top of the LCD.

Input method (need to confirm)

1. The phone is defaulted to multi-tap text entry,
2. Pressing the '# **Key**' will step through.

The text entry modes include; ABC for capital letters, abc for lower case letters, 123 for numeric entry and →En for predictive text mode.

Press **Option** to Send, Save , insert Name, Insert Number. Send to Group.

Received

All the SMS text messages received are shown in this menu (including messages that are read and unread.).

1. Select the **SMS** and press **Received** to read its content and show the sender's number (or name), date and time. If the message is too long and you cannot read them all in one screen, press the **Navigation Key** up or down to view all the information.
2. Pressing **OK**, or **Left function key** when reading a message allows you to:

1. Reply: To reply this SMS text message.
 2. Erase: To delete this message.
 3. Forward: To forward this message to another phone.
 4. Save: To save the message.
 5. Edit: To edit the content of the message and save it
 6. Call: To call the sender .
 7. Send to Group: To send this message to a group of people.
 8. Extract no.: to extract useful data such as phone number or number from the messages
 9. Extract URL: to extract URL from the message.
-
3. Press Exit to return to the previous menu, or press the **Power Key** to return to the main menu.

Sent

All the sent messages are shown in this menu. And you can delete all the sent messages by select **Delete All**.

1. Select a message and press **Read** to read its content and show the sender's number (or name), date and time. If the message is too long and you cannot read them all in one screen, press the **Navigation Key** up or down to view all the information.
2. Pressing **OK**, or **Option** when reading a message allows you to:
 1. **Erase**: To erase this message.
 2. **Send** : To send this message.
 3. **Save**: To save this message.
 4. **Edit** : To edit the content of the message and save it
 5. **Extract no.:** to extract useful data such as phone number or number from the messages

6. Extract URL: to extract URL from the message.
7. Send to Group: To send this message to a group of people.
3. Press Exit to return to the previous menu, or press the **Power Key** to return to the main menu.

Saved

All the saved messages (in the SIM Card or in phone) are shown in this menu.

Select the messages stored, pressing OK, or Option when allows you to:

1. Erase: To erase this message.
2. Send : To send this message.
3. Edit : To edit the content of the message and save it
4. Extract no.: to extract useful data such as phone number or number from the messages
5. Extract URL: to extract URL from the message.
6. Send to Group: To send this message to a

group of people.

Setting

1. **Info. Center** : the network telephone number for receiving or sending SMS text messages. Editing this number may result in you being unable to send or receive SMS messages.
2. **Delivery Rept.**: If you turn the delivery report on, when a message has been received, you will receive a notification message from the network confirming receipt.
3. Saving priority: choose to save the message in the SIM card or in phone.
4. **Validity**: set the time that the network will try to deliver your message for. If you set this to a low value, the network may not be able to deliver the message before it times out and is deleted.
5. **Memory Status** shows the SMS memory space in SIM card and phone

Press **Exit** to return to the previous menu, or press the **Power Key** to return to the main menu.

Template

Some useful expressions are listed here , which can be used widely during editing a message.

MMS

Select **Message** in the Main Menu, press **OK** and then scroll to **MMS** menu.

Please make sure your SIM card supports MMS and consults your network operator before using this function.

Before using MMS for the first time, you must ensure that the correct network settings have been selected. From the MMS menu, select 'Setting', 'MMS Profile'. Please select you network provider from the list..

New MMS

When a new MMS is created, the phone is in text entry mode, and you can type, just like a SMS text message. To add pictures or sounds, press 'Options' and select 'Insert'.

From here you can insert images or sounds that have been stored in the handset.

The message is made of a number of slides, each slide containing a maximum of some text, a picture and a sound. To insert more information a new slide must be 'Inserted' into the message from the Insert menu.

When the message is complete, press the Options Key or OK key to

1. **Send:** Type in subject, then scroll down using the **navigation Keys** and enter the recipient's phone number and other relative information, Press **Send** to send the MMS.
2. **Insert:** To insert **images**, **sound**, **new images** or **slide** to the current MMS. Select the object you want to insert and press **OK** to confirm.
3. **Template:** This function sets the display mode of words and images by **Above below** or **Auto**. Press the **Navigation Key** to select and press **OK** to confirm.

4. **Preview:** Select this option to preview the created MMS.
5. **Save:** To save the new MMS.

Inbox

When an MMS is received, the handset can auto-download it .

MMS can be much larger than SMS text messages, so may take a little while to download.

1. **Read:** To read the current MMS press OK. If the MMS has more than one slide, press and hold **Navigation Key** to go to the next slide in the message. Press the **Option** to do the following:
 - Extract: To pick out images, sound, etc. from the current MMS and save them. Pictures and sounds are stored in Multimedia Folders.
 - Erase: To delete the current MMS.
 - Forward: Type in the recipient's mobile phone number and other relevant info. Such as Cc.,

- Bcc. and press **OK** to forward the MMS.
- Reply: Press the **Navigation Key** and press **OK** to select between reply by SMS mode or by MMS mode. Then type in the content and press **OK** to send.
 - Dial: to dial the phone number of current MMS sender.
2. Erase: To delete the current MMS.
 3. Details: Information on the topic, sent date, number and size, etc. of the current MMS.

Outbox

All the MMS you have created, but not yet sent are saved in the outbox.

Sent MMS

All the MMS messages that have been sent are stored

here and can be viewed by pressing the **Navigation Key** to select, then press **OK** or Option to Read, Erase, Show the details or Edit the MMS

Saved MMS

All the Saved MMS are in this menu, push **Navigation Key** to select the MMS and press **OK** or options to [Read](#), [Erase](#), Show the [details](#), [Edit](#) the MMS or send the MMS.

Setting

1. [MMS profile](#): In order to use the MMS service, you must:
 - Have the service on your network
 - Have the correct network settings in your MMS profile on the handset.
2. [Delivery Rept.](#) to send a report when an MMS you have sent has been received; [Read Rept.](#) to send a report when an MMS you have sent has been read.

3. **Validity:** This is the time the Network will keep trying to deliver your MMS. If the network is unable to deliver the MMS in this time it will be automatically deleted.
4. **Download status:** If the handset is set to 'immediate Download' then the handset will download any message it is notified of immediately (this may incur a Network charge). Manual Download, allows you to download the message manually, or delete it without downloading it.
5. **Slide Duration:** MMS messages can be made up of a number of slides (each slide can contain one picture, one sound file and one text file). The handset can automatically step through each slide, or allow you to manually step onto the next slide. This setting adjusts the display time of each slide.

Broadcast

This function requires Network support, please contact the Network operator to confirm if this service is available.

1. Select **Read**, to view any received broadcast messages (You must have selected a topic from the Topics menu before you can receive broadcast messages)
2. Select **Topics** and you can customize the Broadcast categories.

Press **Exit** to return to the previous menu, or press the **Power Key** to return to the main menu.

■ **Voice Mail**

Voice Mail is a Network Service, so please ensure you have the service provided by your network operator.

1. Press **Ok** to enter the Voice mail menu
2. **Get V-mail** will dial the number stored in the 'V-mail box number (option 2).

Press **OK** to get into the **V-mail Box No.**

RECORD

The phone keeps a record of the **Dialled** ,**Received** and **Missed** calls.

Each record includes a full set of call details including the time, date and duration of a call.

■ **Dialed**

In the main menu, scroll to **Record** by pressing the **Navigation Key** up or down and press **OK**. A full list of the last 20 dialed calls is shown.

1. Press **OK** to redial the selected number.
2. Press **Left Function Key** to get the detailed information of the dialed calls. And press again to have the following options: **Dial**, **Send Message**, **Erase** and **Save**.

■ **Received**

In the Record menu, scroll to **Received** by pressing the

Navigation Key. A full list of the last 20 received calls is shown.

1. Press **OK** to dial back the selected number.
2. Press **left function key** to get the detailed information of the received calls. And press again to have the following

options: **Dial**, **Send Message**, **Erase** and **Save**.

Missed

In the Record menu, scroll to **Missed** by pressing the **Navigation key**. A full list of the last 20 received calls is shown.

1. Press **OK** to dial the selected number.
2. Press left function key to get the detailed information of the missed calls. And press again to have the following options: **Dial**, **Send Message**, **Erase** and **Save**.

■ **Erase**

In the **Record** menu, scroll to **Erase**. Choose from the options **Dialled**, **Received**, **Missed** and **All** to delete the content of each list.

■ **Time Info**

In the **Record** menu, scroll to **Time Info**.

1. Select **Time Info**. to view the time information of the calls. The list includes: **Total**, **Outgoing** and **Incoming** (calculating Total/Outgoing/Incoming call time).
2. Select **Erase Time Info**. to delete all the call time information.

■ **Cost Info**

In the **Record** menu, scroll to **Cost Info**. Select **Cost Info**. to view the information of the call cost. (This function requires Network support, please contact your Network operator).

Select **Last Call** menu and press **OK** to see.

1. Select **Last Call** and press **OK** to view the cost for the last call.
2. Select **ALL Calls** and press **OK** to see the cost for all the calls you made.
3. Select **Clear Logs** and input the correct PIN2 code to delete all the cost records.
4. Select **Cost Units** to check or set the cost rate.
5. Select **Max Cost** to check or set the maximum cost.

■ **GPRS Info.**

In this procedure, you can consult the information of data volume including the **current connection**, **all connections** and **last connection**. (This function needs the support of network, please contact your local service provider for detailed information.)

In the **Record** menu, scroll to **GPRS Info.** And press **OK**.

1. Select **Current Conn.** to view the information on the current connection.

2. Select **All Conn.** to view the information on all connections.
3. Select **Last Conn.** to view the information on the last connection.
4. Select **Clear Logs** to delete all the information on connection.

SERVICE

This procedure allows you to configure the network service options offered by your service provider.

In the main menu, select **Service** and press to enter.

Call Divert

You can divert the incoming calls to a number you have set by using this function. (The service is supported by the network, please contact your service provider for detailed information.)

In the Service menu, select **Call Divert**.

Unconditional

Diverts all calls to the number you have set regardless of the handset status.

Select **Unconditional** and press **OK**.

1. **On:** Press **OK** to **Set Number** or **Voice Mail**.

Set Number: Enter the number you want to divert to.

Voice Mail: If your phone has stored the voicemail number, it will automatically divert your calls to Voicemail. Or else, it will prompt you to enter one.

2. **Off:** Select **Off** and press **OK** to turn off unconditional divert.
3. **Status:** Select **Status** and press **OK** to view the status of current unconditional divert.

No Reply

Diverts calls if the incoming call is not answered.

Busy

Divert calls if the line is busy, all the incoming calls will be diverted to another number that you have set.

Not Available

Divert all calls to a number you have set if your handset

cannot find a network, e.g. Out of service area, or if the handset is turned off.

Cancel All

Select this function to cancel all the diversion.

Call Barring

In the [Service](#) menu, scroll to [Call Barring](#).

Outgoing

Press **OK** to have the following options:

1. Select [On](#) to forbid dialing out any call.
2. Select [Off](#) to turn off the restrain.
3. Select [Status](#) to check the current restraint status on outgoing.

Intl. Out

Scroll to [Intl. Out](#) and press **OK** to have the following options:

1. Select **On** to forbid dialing out International calls.
2. Select **Off** to turn off the restrain.
3. Select **Status** to check the current restraint status on international calls.

Dial Local

Scroll to **Dial Local** and press **OK** to have the following options:

1. Select **On** to forbid dialing to the numbers outside the local network.
2. Select **Off** to turn off the restrain.
3. Select **Status** to check the current restraint status on local calls.

Incoming

Scroll to **Incoming** and press **OK** to have the following options:

1. Select **On** to forbid receiving any call.
2. Select **Off** to turn off the restrain.

3. Select **Status** to check the current restraint status on incoming calls.

Roaming In

Scroll to **Roaming In** and press **OK** to have the following options:

1. Select **On** to forbid receiving any call when roaming.
2. Select **Off** to turn off the restrain.
3. Select **Status** to check the current restraint status on roaming.

Cancel All

Scroll to **Cancel All** to cancel all barring settings.

Password

The Call barring feature normally requires a Network password. Please contact your local service provider for detailed information.

■ Call Waiting

In the **Service** menu, scroll to **call waiting** and press **OK** to

have the following options:

1. Select **On** to turn on the call waiting function. The incoming call icon will display on the screen when there is another coming call during a call.
2. Select **Off** to turn off the function.
3. Select **Status** to check the current configure on call waiting.

SETTINGS

In the main menu, scroll to **Settings** and press **OK**.

■ **Audio Setting**

In this procedure, you can set different ringing tone to replace the default.

Incoming Tone

In the **Audio Setting** menu, select **Incoming Tone** and press **OK**. You can set different ringing tones to five groups including **Other**, **Family**, **VIP**, **Friend** and **Colleague**.

1. Select a group and press **OK**.
2. Select a ring tone from **Default** or **Extend tone**. Press **OK** to confirm or **Exit** to cancel.

Message Tone

Select a message alert tone from **Default** or **Extend tone**. Press **OK** to confirm or **Exit** to cancel.

Alert Tone

Select an Alert tone from **Default** or **Extend tone**. Press **OK** to confirm or **Exit** to cancel.

Profile

In the **Audio Setting** menu, scroll to **Profile** to have the following options: **Normal**, **Meeting**, **Outdoor**, **VIP** and **Silent**. You can **Set Profile** or **Edit Profile** on each profile.

Set Profile

1. Select a profile and press **OK**.
2. Select **Set Profile** and press **OK**.

Edit Profile

1. Select a mode and press **OK**.
2. Select **Edit Profile** and press **OK**.

Volume

You can adjust the volume of Speaker, Ring Tone and Message Tone by pressing the **Navigation Key** left or right. Press **OK** to confirm and **Exit** to cancel.

Keypad Tone

Select **Keypad Tone** and press **OK** to turn on/off keypad tone.

Power On Tone

Select **Power On Tone** and press **OK** to turn on/off power on tone.

System Tone

Select **System Tone** and press **OK** to turn on/off system alert tone as saved or deleted a file.

Vibration

Select **Vibration** and press **OK** to turn on/off vibrator.

Ans method

Select **Flip on** or **After** press to answer .

■ Phone Setting

In the **Settings** menu, scroll to **Phone Setting**.

Language

Select **Language** and press **OK**. Select a language you want and press **OK**.

Display Setting

This procedure allows you to configure the **Back Light**, **Wallpaper**, **Signal lamp** and **wallpaper**.

Back Light

Scroll to **Back Light** and press **OK**.

1. Select **Backlight Timer** to choose the duration of the backlight when pressing any key.
2. Select **Backlight Level** to set the brightness of the backlight.

Signal lamp

Scroll to **Signal lamp** and press **OK**.

1. Select Idle signal lamp to set .The optional are White ,Off , Red, Green ,Blue ,Orange ,Cambridge blue,Purple. Press OK to confirm.
2. Select Ring signal lamp to set the group of Ring signal lamp.

Wallpaper

The wallpaper is the background that appears on the idle screen. There are 5 pre-loaded wallpapers.

Scroll to **Wallpaper** and press **OK**.

1. Select **Default** to get into the default folder.
2. Select **Extend** to get into the media folder.
3. Select a wallpaper you want and press **OK** to confirm.

Input Methods

When entering text in SMS text messaging, MMS Messaging, the directory etc. there are different text entry modes. The different modes can be selected during text entry by a short press on the '# Key'.

Select the input methods you want and press **OK**.

Time & Date

Select this option to edit the time and date on the phone.

1. Scroll to **Time & Date**, press **OK**
2. Select **Set Time**, press **OK**. Please enter the time in

- 12/24-hour mode.
3. Press **OK** to save the entry.
 4. Select **Set Date**, press **OK**. Please enter the date, Day, Month Year.
 5. Select **Set Time Format**, press **OK**. Select **12 hours** or **24 hours**.
 6. Select **Set Date Format**, press **OK**. You can choose the display mode of date.

Auto On/Off

This feature allows the handset to turn itself on and off at times of your choosing.

To use the feature, set it to On and then enter the time for the 'On' and 'Off' events.

Factory Settings

You can use this function to reset your mobile to the Factory Setting (default setting). If you set up your system to the default setting, you will lose all the setting changes

you have made.

It will not delete your phone book or the other information which you have saved to your phone.

The time and the date you have set up will also not be changed.

■ **Call Setting**

In the **Settings** menu, scroll to **Call Setting** and press **OK**.

Outgoing ID

Enables you to release or block your telephone number being sent to the people you are calling. This feature must be supported by your service provider.

Minute Reminder

If this feature is enabled, you will hear a quiet beep in your ear for every minute you are involved in a call. It is not heard by the person you are speaking to.

Fixed dialling

This is a Network feature and must be supported by your

Network operator. Accidental operation is locked by a Network PIN (PIN 2) which must be obtained from your Network operator.

When enabled, only certain numbers can be dialed, which can be selected as follows:

- **Number List:** Lists all the numbers that can be dialed.
- **Add:** You can add more numbers from this menu. Press **Save** to confirm after you have entered the number.
- **Edit:** You can edit the names and numbers on the list.
- **Erase:** Select the number you want to erase from your **Fixed Number List**. Press **OK** to confirm.

- **Status:** Select **On** or **Off**, and press **Ok** to turn this function on or off.

Rejected Calls

Scroll to **Rejected Calls** and press **OK**. Please enter your phone password. (The original password is 1234.) Select the calls you want to reject and press **OK**.

■ Network Security

In the **Settings** menu, scroll to **Network Security** and press **OK**.

Choose Net

You can choose the way of your handset connecting to the network **Automatically** or **Manually**.

1. **Automatic**: The phone will search for a proper network service.
2. **Manual**: Select **Manual** and press **OK**. The handset will list all the available networks for your choice.

Band mode

You can choose the band mode EGSM/DCS or PCS only.

PIN

You can set a Personal Identification Number from this menu, which will prevent unauthorized access to your SIM. Normally PIN code are 4 digits.

Warning: If you enter the wrong PIN three times, your SIM card will be locked and you will have to contact your Network provider to get an Unlock code.

If you enter the wrong PIN ten times, your SIM card will be damaged and no long be used. (You will have to buy a new SIM Card)

Phone Lock

You can protect some areas of your phone with a Phone Lock PIN code, e.g. [SMS](#), [MMS](#), [Album](#). (The default password is 1234.)

PIN2

6-digit security code is originally set to 000000. Your

service provider may reset these codes before you receive the phone ,if the codes are not reset ,You can edit the PIN here ,enter the old PIN2 first ,then you can change a new PIN2.

EXTRAS

■ Sync.

In the main menu, select **Extras** and press **OK**.

1. Select **USB HD** to connect the handset to PC.
2. Select **Wap Camera** to get connection and work as web camera.
3. Select **Connect PC** to connect .

■ Assistant

In the **Extras** menu, scroll to **Assistant** and press **OK**.

Alarm

Select **Alarm** and press **OK**. Select **Set Time** to set time for an alarm or **Alarm Status** to check the status of alarm setting.

Activate Alarm

Select an alarm, press **Dial key (Option)** or **Scroll key** to access operation menu.

Active: Activate the current alarm.

Modify/Reset: Edit or set the current alarm.

Alarm status: View the status of the current alarm.

Close all: Close all the activated alarms.

Memo

In the **Assistant** menu, select **memo** and press **OK**.

Allows a text Memo to be created, as a 'Stand alone' reminder, or associated with a date and time. A memo cannot be created and attached to a date that has already passed.

Add

1. Enter the memo text.
2. You can short press the **# Key** to change the text entry mode. After you have completed the memo entry, press **OK** to save it.
3. Use the Navigation Key up or down to select **Reminder alert** or **No reminder** .

View All

Allow you to view all of the memos that are stored on the handset.

World Time

Allow you to nominate the time zone in which the phone is being used.

1. Press the **Navigation Key** left or right to move the line around the world map to select your time zone.

Press **OK** to Confirm.

Calculator

The calculator offers basic mathematical functions which can be selected using the **navigation Key**. Pressing the **OK Key** will perform the calculation and display the result.

To exit the calculator, press the power **Key**.

Calendar

Select Calendar to Display a monthly view calendar.

GAMES

■ Games

In the main menu, scroll to **Games** and press **OK**.

The handset has two pre-loaded games (it is not possible to download additional games).

The two loaded games are **Tetris** and **Jumper**.

The Music and Key backlight for both games are controlled from the **setting** Menu.

Tetris

The objective of the game is to fit together the puzzle pieces as they fall from the top of the screen. If there are no gaps in a row across the screen, the row will be deleted, creating more space at the top of the screen.

The game is controlled by the **Navigation Keys**.

A falling piece can be moved left or right with the left or right **Navigation Keys**.

Pressing the up **Navigation Key** will rotate the piece.

Pressing the down **Key** will cause the pieces to fall to the bottom of the screen rapidly.

The player's score increases with every piece that the player is able to locate in the 'wall'.

The game is over when there is no more room at the top of the screen for a new piece to enter the screen.

Jumper

The objective of the game is to launch the golden ball from the lower cup, catching it in the next cup up, and so climbing the ladder of cups.

The golden ball is launched by pressing the **OK Key**.

The higher you climb to higher your score.

Setting

Select **Setting** and press **OK**. Select **Music Volume** to

adjust the volume of the game and [Key Backlight](#) to adjust the brightness of backlight.

WAP

The WAP browser, allows you to access and surf the mobile Internet.

You must ensure that the appropriate network settings have been selected before the Wap service will work.

From the idle screen, select the WAP option and select Option 5, Tools, and from the profiles, select your Network. Then from the Data connections menu (Option 5, Tools, option 2) please select your network.

(Note: some networks have different settings for Pay As You Go, PAYG and Contract, please ensure you select the correct settings).

■ Home

Select **WAP** in the main menu, select **Home** and press **OK**.

The WAP browser will now connect to the homepage for your network provider. Under the Options Key you can:

- **Refresh:** To refresh the content webpage.
 - **Back:** To return to the previous page.
 - **Stop:** Select **Stop** to end the connection to the WAP service.
 - **Image:** Select **Image** to send or save the image.
 - **Enter URL:** To input any available website address and get connected.
 - **Add To Favourites:** To save the current website to your favourites list.
 - **Set As Homepage:** To set the current website as homepage.
 - **History:** To view the history of the WAP session
 - **Favourites:** To show the Favorite menu
 - **Home:** To return to the homepage.
 - **Main Menu:** To return to the previous page that you have just visited.
2. Press **Exit** to the previous menu or short press the

power key to return to the main menu.

■ **Enter URL**

Select **WAP** in the Main Menu. Press **OK**, and press **Option** to view the sub-menus. (The browser must be connected to the internet at this time).

Using the text input, enter the name of the URL site you want to visit. There are three options:

- **Standard phrases:** To select the general network format.

- **Add to Favourites:** To add the current website address to Favourites.

- **Save as Homepage:** To save the current page as homepage.

3. Press **Exit** to go to the previous menu.

■ **Favourites**

Select **WAP** in the main menu. Press the **Navigation Key**, and select **Favourites** to view the menu.

1. Select saved website from your favourites list.

■ **Push Messages Inbox**

Some services like ring tones deliver information to your handset as Push messages. If you receive a push message it will go into this in box.

■ **Tools**

Profiles

Please ensure you select the Network entry from the list that matches the SIM card you are using.

Data connections

In this procedure, you can choose from GPRS Telcel or Telcel..

Cache

Cache memory allows your handset to store information about WAP sites that you visit regularly and can speed up access times.

1. Select the cache mode. Press **Option** to enable this feature.
2. Press **Exit** to return to the previous menu.

Cookies

Cookies can be used to obtain information about you when you visit a WAP site. We recommend for security reasons, you leave cookies disabled.

1. Select the cookies mode. Press **Option** to set.
2. Press **Exit** to return to the previous menu.

Clear History

Clear the history logs of the phones WAP browsing activity.

Settings

Allow you to enable and disable graphics support. We recommend you leave this enabled.

Security

Press **Select** to view security certificate of the website.

Statistics

To sum up data flow received and sent. Press **Exit** to return to the previous menu.

■ History

In the main menu, select **WAP**. Press **Option** to enter:

1. Select the sub-menu. Press **Option** to set the records.
2. Press **Exit** to the previous Menu

APPENDIX

■ Technical Data

Length	Width	Height	Weight
98mm	46mm	17mm	80g (including battery)

Accessories

Battery

Type	Capacity
Li – ion	700mAh

The battery life is depending on SIM card, network and usage settings, usage style and environment.

Safety of the Battery

1. Please use the battery approved by the original manufacturer. Use of any other battery will invalidate the warranty.
2. Please ensure that any metal objects are not inserted into the connector on the bottom of the phone, e.g. Keys when the phone is in your pocket.
3. Do not try to open the battery case.
4. Please keep the battery away from water and fire.
5. Please ensure the battery is charged in a normal operating temperature, being 0C (32F) to above 45C (113F).

■ SAR Information

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types M-2 (FCC ID:

TPP06M-2) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.682 W/kg and when properly worn on the body is 0.093 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Use and Maintenance

1. Keep the phone and all parts in a safe place out of

- the reach of young children.
2. Please keep dry. Exposure to rainwater, very high humidity and any kinds of liquid may damage the phone.
 3. Please ensure the phone is kept clean. If abrasive dirt contaminates the slide mechanism or other moving parts, damage may result.
 4. There are no customer serviceable parts inside the phone. If the case is opened by a non authorized person the warranty will be invalidated.
 5. Please do not use chemical cleaning agents. If the phone requires cleaning wipe it with a clean soft cloth.
 6. If your phone should get wet, please switch it off and remove the battery. Make sure the mobile has dried for 24 hours before using it again

■ Problems and Solutions

Problems:	Solutions:
Display "Locked" when the phone is on.	Wrong PIN number input, contact with your local service provider.
No Signal level is displayed	Lost connection with the Network. The phone may be in a place without network service. Please move to another location or contact your service centre for help.
No reaction of the Keypad or slow reaction	The operation speed of the screen is slow at very low temperatures. Please try again in a place warmer.
No display on the screen while charging	Very low battery, or out of the temperature range (0-45 degrees C). Please

	wait for couple minutes or move the mobile to a warmer place to continue charging.
“Not Provided” or “Not Set” is displayed on the screen while using some function.	Many functions can only be used after subscribing to the services on the Network.
“SIM card error” is display on your screen.	SIM might be damaged, please contact your service provided for help.
“Insert SIM” displayed	Please make sure that you have inserted the SIM correctly and that it is fully inserted.

