Claims

We reserve our right to make changes and improvements to any of the products described in this manual without prior notice. Under no circumstances shall we be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

The content of this manual is provided “as is”. To the fullest extent permissible by law, we make no representations or warranties of any kind, either express or implied, for, but not limited to, the accuracy, merchantability and fitness of this manual for a particular purpose.

Information about the Regulatory Compliance

The company declares herewith that these devices are in agreement with the fundamental requirements and the other relevant terms of the 1999/5/EG Guideline. Complete declarations of conformity are available under www.medion.com/conformity.
Contents

For your safety ........................................................................................................... 13

Brief introduction ..................................................................................................... 15
  Your phone’s label ................................................................................................. 15
  Password .................................................................................................................. 15
  Security Code ........................................................................................................ 15
  PIN & PIN2 code ................................................................................................... 15
  PUK & PUK2 code ................................................................................................. 16
  Phone image and key definition ........................................................................... 17

Brief menu tree .......................................................................................................... 20
  Display icon ............................................................................................................ 23

Getting started ........................................................................................................ 25
  Using the battery .................................................................................................... 25
    Installing the battery ........................................................................................... 25
  Installing a memory card and the SIM card ......................................................... 27
  Charging the battery ............................................................................................. 29
  Low battery warning ............................................................................................. 30
  Battery tips ............................................................................................................. 31
Turning your phone on/off ........................................................... 32
Power on ................................................................................... 32
Power off ................................................................................... 33
Keypad shortcuts .......................................................................... 34
In standby mode........................................................................ 34
* & # key function list .............................................................. 35
Use and maintenance.............................................................................. 36

**Basic functions** .................................................................38
Making a call................................................................................. 38
Making a call from standby mode ............................................ 38
Making a call by your phone book ............................................. 38
Making a call by call history ...................................................... 39
Answering or rejecting a call ......................................................... 39
During a call ................................................................................. 40
Switching to other functions...................................................... 40
Searching an entry..................................................................... 41
Missed Call.................................................................................... 41

**How to use multimedia entertainment** .........................42
Music Player ................................................................................ 42
To activate or quit the music player ............................................ 42
Background play mode .............................................................. 43
Play list ...................................................................................... 43
Select music ............................................................................... 45
Fast rewind and fast forward ...................................................... 45
Adjust the volume ...................................................................... 45
Switch the play mode ............................................................... 46
Switch the equalizer .................................................................. 46
Broken-point memory repeat ...................................................... 47
How to view the music information ........................................... 47
Lock keypad ............................................................................... 47
How to copy MP3 files to the phone .......................................... 48
How to change the panel skin .................................................... 49
FM Radio ....................................................................................... 50
To activate or quit the FM radio .................................................. 50
To listen to the Radio ................................................................. 50
Background play mode ............................................................... 51
Search channel ......................................................................... 51
Edit channel name ................................................................... 52
Adjust the volume ................................................................. 53
Lock keypad ........................................................................... 53
Voice recorder ........................................................................ 53
To activate or quit the Voice recorder ................................. 53
Record ring tone .................................................................... 54
Record voice memo ............................................................... 54
Play record ............................................................................ 54
Edit record ............................................................................. 54
Select the default save location ........................................... 55
Mass storage .......................................................................... 56
File manager ........................................................................... 58
File viewer ............................................................................. 58
Memory status ........................................................................ 59
Format .................................................................................. 59
Games .................................................................................... 60
Horo Bump ............................................................................ 60
Angel Cube ............................................................................ 60
**Bluetooth** ........................................................................ 61
Send data using Bluetooth technology ............................... 61
Pairing ................................................................. 62
Visibility ............................................................................ 63
Rename ............................................................................. 63
Service List .......................................................................... 64
Delete devices ................................................................. 64
Download data with Bluetooth technology .................. 64
Send data with Bluetooth technology .......................... 65
Security ............................................................................. 65
Select default save location .............................................. 66
Select prefer player ........................................................... 66
Adjust microphone volume .......................................... 66
Send phone book entries ................................................... 67
Send a phone book entry ................................................... 67
Send my business card ..................................................... 67
Exchange business card .................................................. 68

**Setting up ring styles and display** .................................. 69
Personalising a ring style .................................................. 69
Setting an incoming call ringer alert ................................ 69
Setting a message ringer alert ......................................... 70
Setting a group ringer alert ....................................................... 70
Setting ringer alert play mode .................................................. 71
Adjusting volume ..................................................................... 71
Setting up display ..................................................................... 72
  Setting the highlight bar ......................................................... 72
Setting wallpaper ..................................................................... 72
Setting the color of input font ................................................... 73
Setting backlight ...................................................................... 73
Setting brightness .................................................................... 73
Idle screen display ..................................................................... 74
Setting up Time & Date .............................................................. 74
  Setting time ........................................................................... 74
  Setting date ........................................................................... 74
  Setting date format ................................................................. 75
Setting up greetings and language ............................................. 75
  Setting language ................................................................... 75
  Setting greetings ................................................................... 76
Using phonebook ..................................................................... 77
  Storing a phonebook entry ..................................................... 77
Storing a phonebook entry from the menu............................ 77
Storing a phonebook entry in standby mode ....................... 78
Searching for a phonebook entry .......................................... 78
Editing a phonebook entry................................................... 79
Deleting phonebook entries.................................................. 79
  Deleting a single number.................................................. 79
  Deleting an entry............................................................. 80
  Deleting all phonebook entries......................................... 80
Assigning a group............................................................... 81
  Group filters .................................................................... 81
  Assigning a group............................................................ 81
Copying phonebook entries.................................................. 82
  Copy an entry.................................................................. 82
  Copy all entries............................................................... 82
Exporting or importing phonebook entries............................ 83
Viewing and setting up 1-touch dial...................................... 84
Viewing memory status....................................................... 85
  Choosing default save location......................................... 85
  Viewing memory status.................................................... 85
Using call history .................................................................86
Viewing call history ................................................................. 86
Deleting call history ................................................................. 87
Setting call history display mode ............................................. 87
Viewing call information .......................................................... 88
Cost information ........................................................................ 88
Timer information ........................................................................ 89

Entry method ...........................................................................90
Where to use entry method ....................................................... 90
Text entry methods ..................................................................... 90
Cursor ....................................................................................... 91
English entry method ............................................................... 91
Multi-tap ................................................................................... 91
T9 English entry method ........................................................... 92
Punctuation and Special characters .......................................... 93

Messages ................................................................................93
Viewing messages ...................................................................... 93
Inbox: ..................................................................................... 94
Outbox .................................................................................... 94
Calculator ................................................................................... 104
Stopwatch ................................................................................... 105
STK ............................................................................................. 105

Call and phone settings .................................................................. 106
Minute reminder ............................................................................ 106
Fixed dialing ............................................................................. 106
Reject calls ................................................................................ 107
Call forward ............................................................................... 108
Call barring .............................................................................. 110
Call waiting ............................................................................... 111
Phone setting .............................................................................. 112
  Auto key lock ......................................................................... 112
  Airplane mode ....................................................................... 112
  My number ............................................................................ 113
  Any key answer ..................................................................... 113
  Auto on and off .................................................................... 114
  Power on music .................................................................... 114
  Keypad lamp ........................................................................ 114
  Shortcut menu ....................................................................... 115
For your safety

SWITCH ON SAFELY Do not use in prohibited areas or when it may cause any interference or danger.

SWITCH OFF IN HOSPITALS Follow any restrictions.
Switch the phone off near medical equipments.

SWITCH OFF WHEN REFUELING Do not use the phone at a refueling point. Do not use near fuel or chemicals.

SWITCH OFF IN AIRCRAFT Follow any restrictions. Switch off the phone during the flight as the wireless devices can cause interference in aircraft.

ROAD SAFETY Obey all local laws. Please use the hands free kit whilst driving.

ACCESSORIES AND BATTERIES Use only approved accessories and batteries. Do not try to connect incompatible products.

BACKUP IMPORTANT INFORMATION Remember to make backup copies or keep a written record of all important information.

CONNECTING TO OTHER DEVICES When connecting to any other devices, read its user manual for detailed safety
instructions. Do not try to connect incompatible products.

**MAINTENANCE** Only authorized and qualified personnel may repair this product.

**WATER RESISTANCE** Your phone is not water-resistant. Keep it dry.

**INTERFERENCE** All wireless devices may be susceptible to interference, which could affect its performance.

| Damage to the security seal will cause the warranty invalid. |

| Warning |
| Improper use will invalidate the warranty. |
Brief introduction

Your phone’s label
The bar code label includes information about your phone, such as the serial number. Please keep it properly.

Password

Security Code
This phone includes a Personal Identity Code, to ensure your data is stored securely, enter your PIN to active code when you switch on the phone or need to access some features, e.g. the phone book.

PIN & PIN2 code
The PIN (Personal Identity Number) and PIN2 codes are 4-to 8-digit numbers that usually come from your network service provider along with the SIM card.
The PIN2 code is required to activate some network features. It can be obtained from your network provider.
To set up PIN and PIN2 codes, please refer to Other settings>Security setting on page 116 of this guide.
**PUK & PUK2 code**

These codes are only required should you accidentally enter your SIM PIN code incorrectly and block the SIM. The PUK (Personal Unblocking Key) and PUK2 codes are 4-to 8-digit codes obtained from your network service provider.
Phone image and key definition

Standby mode

Main menu
(FM Radio)

USB Cover

Headset Jack

Receiver

Display

Soft Key

Send Key
Make & Answer Calls

Numeric Keypad

Power & End Key

Previous

Music Key

Next

Microphone

17
<table>
<thead>
<tr>
<th><strong>Scroll key</strong></th>
<th><strong>Soft key</strong></th>
<th><strong>Send key</strong></th>
<th><strong>Power &amp; End key</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Scroll up and down to move through menu options, or to increase / decrease the volume.</td>
<td>Delete character or number</td>
<td>Make and answer calls</td>
<td>Power on or off</td>
</tr>
<tr>
<td>Press for OK or to open the option menu.</td>
<td>Back to the previous menu</td>
<td>OK, preview or open the option menu</td>
<td>End or reject calls</td>
</tr>
<tr>
<td>In standby mode, push up to open SMS menu.</td>
<td>Exit to standby mode (In Music player and FM radio interface)</td>
<td></td>
<td>Lock or unlock the keypad with # key (In Music player and FM radio interface)</td>
</tr>
<tr>
<td><strong>Scroll key</strong></td>
<td><strong>Soft key</strong></td>
<td><strong>Send key</strong></td>
<td><strong>Power &amp; End key</strong></td>
</tr>
<tr>
<td>------------------------</td>
<td>--------------------------------------------------</td>
<td>--------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>In standby mode, push down to open the main menu.</td>
<td>In standby mode, open the shortcut menu.</td>
<td></td>
<td>Exit to standby mode (Except in Music player and FM radio interface)</td>
</tr>
<tr>
<td>In standby mode, press to open the contact list.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Brief menu tree

<table>
<thead>
<tr>
<th>MP3 player</th>
<th>FM radio</th>
<th>Mobile</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Play background</td>
<td>1. Play background</td>
<td>1. Phone book</td>
</tr>
<tr>
<td>2. Play list</td>
<td>2. Choose Stn.</td>
<td>2. Messages</td>
</tr>
<tr>
<td>3. Skin settings</td>
<td>3. Name Stn.</td>
<td>3. Call record</td>
</tr>
<tr>
<td>4. Player settings</td>
<td>4. Delete Stn.</td>
<td>4. Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Manual tuning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Auto tuning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Set frequency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Search all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Settings</td>
<td>Profiles</td>
<td>File manager</td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>--------------</td>
</tr>
<tr>
<td>1. Phone</td>
<td>1. Normal</td>
<td>1. File viewer</td>
</tr>
<tr>
<td>2. Date &amp; Time</td>
<td>2. Meeting</td>
<td>2. Status</td>
</tr>
<tr>
<td>3. Call</td>
<td>3. Outdoor</td>
<td>3. Format</td>
</tr>
<tr>
<td>5. Security</td>
<td>5. VIP</td>
<td></td>
</tr>
<tr>
<td>6. Reset settings</td>
<td>6. Headset</td>
<td></td>
</tr>
<tr>
<td>Agenda</td>
<td>Tools</td>
<td>Game</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>3. Calendar</td>
<td>3. Calculator</td>
<td></td>
</tr>
<tr>
<td>4. Calendar cnvt.</td>
<td>4. Stopwatch</td>
<td></td>
</tr>
<tr>
<td>5. World time</td>
<td>5. Blue tooth</td>
<td></td>
</tr>
</tbody>
</table>
Display icon

Signal strength indicator. Vertical bars show the strength of the network connection.
- Strong signal, \(\text{}\) Weak signal, \(\text{}\) No signal

Battery level indicator
- Battery full, \(\text{}\) Low battery, \(\text{}\) Low battery warning

Message inbox full

New message. The icon disappears after the new messages are read.

Silence mode. In standby, press and hold # key to turn on or off the speaker.

Roam indicator.

Alarm on. The icon disappears after the alarms are turned off.

Vibration on.

Earphone is connected and detected.

Airplane mode

Call forward

Call history
Keypad unlocked
Keypad locked
Voicemail indicator.

Note:
Your phone may not appear exactly as the illustrations in this manual.
Getting started

Using the battery

Installing the battery
1. With your phone back upward, apply gentle pressure to the rear case of the phone, slide up the cover until the position mark on the right side aligned with the one on the phone body. Then take off the cover.

2. With the metal contacts facing into the phone clip the battery in place, positioning the bottom of the battery first.
3. Place the rear cover with the position mark aligning with the one on your phone body. Replace the rear cover, by sliding it back onto the phone until it clips in place.
Installing a memory card and the SIM card

Warning:
Do not bend or scratch your memory card or SIM card. Avoid exposing your memory card and SIM card to static electricity, water or dirt. As the memory card fits beneath the SIM card, please ensure that the memory card is fitted first.

1. With your phone back upward, apply gentle pressure to the rear case of the phone, slide up the cover until the position mark on the right side aligned with the one on the phone body. Then take off the cover. Slide the memory card into the memory card holder with the metal contacts facing down into the phone body.
Note:

If you need to format your memory card, please use formats FAT12 or FAT16.

If file formats other than FAT12 or FAT16 are used the phone may not be able to read the content of the memory card.

Only Micro SD/T-Flash card can be used on your phone. It is recommended to use the brands such as SanDisk, Kingston, KingMAX, ihope, TwinMos and pqi. Please refer to Appendix for detailed information.

2. Slide the SIM card into the SIM card holder with the metal contacts facing down.
Charging the battery

**Warning:**
To avoid damaging the phone, please do not remove the battery when the phone is charging.

To ensure the best performance of your phone’s battery, please charge the battery fully before using it for the first time (Approx. 12 hours), using the method described below. Please note: some batteries require several full charge/discharge cycles to reach their best performance.

1. Make sure the battery has been installed properly before charging.
2. Open the protective USB cover and plug the travel charger into the USB connector.
3. Plug the other end of the travel charger into the electrical outlet.
**Tips:**

It may take a few seconds for your phone to display a visible charging indication if your phone is switched off.

Your phone can be used while charging.

It may take a few minutes for your phone to display a visible charging indication if the battery is fully discharged.

The phone will be charged from your PC when it is connected with the USB cable, however it will take a longer time to charge than when charging with the travel charger.

**Low battery warning**

When the battery is low, the phone pops up messages to notify you to charge the battery. If the battery energy falls below the minimum limit, the phone will switch off automatically.

When the battery is low, the backlight may not work when pressing the keypad and some functions may not work. Please charge the battery immediately.
**Battery tips**

- Use only the batteries, data cable and chargers approved by the original manufacturer. Do not use a non-approved data cable or chargers, or else it may damage the battery.

- Do not short-circuit the battery. Please store the battery inside the phone to prevent accidental short circuiting of the battery contacts.

- Do not place or charge the battery in very hot or very cold locations as the extremely temperature can adversely affect the battery.

- Please keep the charger and handset out of the reach of young children.

- Please ensure that the metal contacts of the battery are kept clean and free from dirt.

- The battery can be charged and discharged hundreds of times but it will be eventually worn out. Please replace the battery when the battery capacity falls to approximately 50% of its original storage capacity.
Turning your phone on/off

Power on

<table>
<thead>
<tr>
<th>Tip:</th>
</tr>
</thead>
<tbody>
<tr>
<td>When switched on, your phone is busy searching the network. Some functions may NOT work properly in the first few seconds.</td>
</tr>
</tbody>
</table>

1. Press and hold the **Power key** for 2 seconds to turn your phone on. Your phone will display the power on animation and enter standby mode.

2. If necessary, enter your SIM card PIN code (displayed as ****) to unlock the SIM card.

3. Please refer to **Other settings>Security setting>PIN code** at page 116 to get more information on the PIN code.
Power off
Press and hold the **Power key** for 2 seconds to turn your phone off.
Your phone will display power off animation.

**Tip**
Your phone has a built-in antenna at the bottom of the phone body. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimizes the antenna performance and the talktime of your phone.
**Keypad shortcuts**

**In standby mode**

<table>
<thead>
<tr>
<th>Keypad</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scroll key</td>
<td><strong>Up</strong> To open SMS.</td>
</tr>
<tr>
<td></td>
<td><strong>Down</strong> To open the main menu.</td>
</tr>
<tr>
<td></td>
<td><strong>Press</strong> To open Names list.</td>
</tr>
<tr>
<td>Soft key</td>
<td><strong>Press</strong> To open shortcut menu:</td>
</tr>
<tr>
<td></td>
<td>Profiles</td>
</tr>
<tr>
<td></td>
<td>Mass storage</td>
</tr>
<tr>
<td></td>
<td>Record</td>
</tr>
<tr>
<td></td>
<td>Memo</td>
</tr>
<tr>
<td>Dial key</td>
<td><strong>Press</strong> To open Mobile&gt;Call record&gt;All calls.</td>
</tr>
<tr>
<td></td>
<td>Press the * or # key to switch between Dialled, Missed and Received calls.</td>
</tr>
</tbody>
</table>
### * & # key function list

<table>
<thead>
<tr>
<th></th>
<th>*key</th>
<th>#key</th>
</tr>
</thead>
<tbody>
<tr>
<td>In standby mode</td>
<td>Press and hold to enter the ‘+’ for international dialing.</td>
<td>Press and hold to turn the loud speaker on or off.</td>
</tr>
<tr>
<td>Name list</td>
<td>Press to page up.</td>
<td>Press to page down.</td>
</tr>
<tr>
<td>Call history</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calendar</td>
<td>Press to go to last month.</td>
<td>Press to go to next month.</td>
</tr>
<tr>
<td>Memo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create SMS</td>
<td>Press to enter the punctuation; Press to select letter group forward.</td>
<td>Press to switch entry method; Press to select letter group backward.</td>
</tr>
<tr>
<td>Music play</td>
<td>Press to switch the equalizer</td>
<td>Press to switch the play mode.</td>
</tr>
</tbody>
</table>
Use and maintenance
The following suggestions will help you use and maintain your mobile.

1. Please keep dry. Rainwater, humidity and any kinds of liquid or moisture might contain minerals which could corrode the circuit.

2. Moving parts maybe damaged if you put or use the phone in a dirty or dusty place.

3. Please do not use or store the phone in a high temperature environment as this may result in damage to the electronic or plastic parts.

4. Please do not use or store the phone in a very low temperature environment.

5. Please do not use any chemicals, detergent or caustic detergents to clean the mobile. If you want to clean it, please wipe it gently using a soft cloth made damp with some soapy water.

6. Please do not paint the phone. Paint might clog the moving parts and prevent proper operation.

7. Only use the headset provided, or an approved spare.

8. If the mobile has got wet, please switch it off immediately and remove the battery. Leave it to dry thoroughly before using it again.
9. To get the maximum talk and standby times from your battery, please turn down the volume, reduce the backlight and contrast.
10. Please keep all metal objects away from the charger port on the top of the phone to avoid damaging the electronic circuits.
Basic functions

Making a call

Making a call from standby mode
1. Input the phone number. To change the number, move the cursor by the Scroll key, press the Back key to delete digits.
2. Press the Dial key (Dial).
3. To make an international call, press and hold the * key to enter the international prefix ‘+’ in place of the international access code. Then input the country code, area code and phone number, and press the Dial key (Dial).

Making a call by your phone book
1. In standby mode, press the Scroll key to enter the Phone book; or from main menu, select Mobile>Phone book>Names.
2. Select an entry by the Scroll key, then press Dial key (View) to view all the phone numbers in this entry.
3. Select a number you want by the Scroll key, then press the Dial key (Call).
Making a call by call history
Your phone can store 50 phone numbers for recently each Dialled, Received and Missed call.

1. In standby mode, press the Dial key to enter the All calls list. You can press the * key or # key to switch to the Dialled, Received or Missed call lists.

2. Select the number you want by scrolling up or down, then press the Dial key (Call).

Answering or rejecting a call

1. Press the Dial key (Ans) to answer an incoming call; or press the Scroll key to enter option menu and select from User busy, Reject or Answer.

2. Press the Power key (Reject) to end or reject a call.

3. When the headset is connected, press the Dial key or the headset button to answer a call.

4. Or press the Scroll key to open the option menu, User busy, Reject or Answer
During a call

Switching to other functions
Press the Dial key (Option) to enter the option menu as described below. Then press the associated number key to select the option or highlight the required option by using the Scroll key, and then press the Dial key to select.

1. Dial new
2. Hold
3. Mute
4. End this call
5. Send DTMF
6. Main menu
7. Start to record

Note
Some of these ‘in call’ functions require your network provider to activate them. For more details please contact your network provider.
Searching an entry
1. During a call, press the **Dial key** *(option)* to enter options menu *(talk)*, select Main menu>Phone book>Names.
2. Select a name and press the **Dial key** *(view)* to view the number list.
3. To search an entry from the name list, please refer to Searching for a phonebook entry at page 78.

Missed Call
The phone will display ‘Missed calls: X call(s)’. if you have X missed calls.
1. Press the **Soft key** to return to the home screen.
   Or press the **Dial key** *(View)* or **Scroll key** to view the missed call list.
2. Press * key or # key to switch to All calls, Dialled or Received call lists.

In the missed call list, select the number you want to dial and press the **Dial key** *(Dial)*. Or press the **Scroll key** to view the date and time of this entry.
How to use multimedia entertainment

Music Player
The music player allows you to store and play MP3 music on the phone or the memory card.

Music can be transferred to, or removed from the phone or memory card, by connecting the phone with a PC by using the supplied USB cable. The phone or memory card will appear as a removable drive under the PC’s ‘My Computer’ icon. Windows can be used to click and drag files into or out of the memory.

Note:
Your phone do not support link with Apple Macintosh computers. When connecting to PC, please only use in the circumstances of Microsoft 2000 or above.
Your phone only supports music files in MP3 format.

To activate or quit the music player
1. From the main menu, select MP3 player, press the Dial key or Scroll key to enter.
2. Press the Back key to exit music player and return to standby.
Background play mode
1. In MP3 player, select MP3 player>Play background to return to the main menu and play music in background mode. At the same time, you can change phone settings or play games and so on.
2. If you want to turn off the music player, select MP3 player and press the Soft key to turn off the player and return to the main menu.

Tip:
In background play mode, the display will show 🎧 on the top bar.

Play list
With the music playing, press the Dial key (⚫) or Scroll key and select Play list.

My favorite
1. Select My favorite to open the music list of collected track.
2. If the list is empty, press the Dial key (Add) to open File viewer.
3. Select the memory from the Memory card or Phone, press the Dial key (Select).
4. Select the track or file holder you want and press the **Dial key (Select)** or **Scroll key** to add to the list.

5. Press **OK** on the pop-up message ‘Completed, add another?’ to continue to add another track; press **Exit** to return to My favorite music list.

6. Select a track, press the **Dial key or Scroll key**.
   - **Play**: To play the selected track.
   - **Add**: To enter **File viewer** to add a track or file folder.
   - **Move**: To remove the selected track.
   - **Remove all**: To remove all the tracks off My favorite music list. This does not delete tracks, and they can be ‘Added’ again.
   - **Detail**: To check the detailed information of the selected track.
   - **Set ringtone**: To set the selected track as the incoming call ring tone.

**Tip**

You can add all the tracks in the memory card or the phone by selecting «Add folder». 
**All music**
1. Select All music to open the music list of all tracks.
2. Select a track, and press the Dial key or Scroll key.
   - **Play:** To play the selected track.
   - **Detail:** To check the detailed information of the song, such as artist, album and so on.
   - **Set ringtone:** To set the selected track as the incoming call ring tone.

**Select music**
1. With the music playing, press \( \text{\textup{previous}} \) to jump to the previous track, press \( \text{\textup{next}} \) to jump to the next one; press \( \text{\textup{pause}} \) to pause or continue playing the current track.
2. Or in the music list, select the track you want, press the Scroll key to play.

**Fast rewind and fast forward**
While playing, press and hold \( \text{\textup{previous}} \) to fast rewind; press and hold \( \text{\textup{next}} \) to fast forward.

**Adjust the volume**
With the music playing (excluding the background play mode),
1. Push the Scroll key up or down to adjust the volume.
2. Or press the **Dial key** or **Scroll key**. Select **Player settings>Volume**. Push the **Scroll key** up or down to adjust the volume.

**Switch the play mode**
1. With the music playing, press the **# key** to switch the play mode between **Sequence** , **Random** , **Sequence & Repeat** and **Random & Repeat**.
2. Or with the music playing, press the **Dial key** or **Scroll key**.
3. Select **Player settings>Repeat** to switch from the repeat mode: **Not repeat**, **Repeat one** and **Repeat all**.
4. Select **Player settings>Random**. Select **On** to play the tracks in random; select **Off** to play the tracks in sequence.

**Switch the equalizer**
1. With the music playing, press the *** key** to change the equalizer from **NORMAL, ROCK, POP, TREBLE** and **BASS**.
2. Or with the music playing, press the **Dial key** or **Scroll key**.
3. Select **Play settings>Equalizer** to open the option menu and select from **Normal, Rock, Pop, Treble, Bass**.
Broken-point memory repeat
It is possible to repeat part of a track. The start point for the repeat is ‘marked’ by pressing the 0 as the required point is reached when the track is playing. To mark the end point for the repeat the 0 is pressed a second time as the required point is reached in the track. The MP3 player will now loop between these two points forever. Then press the 0 again to stop the loop and continue to play.

How to view the music information
1. In the music list, select a track and press the Dial key or Scroll key.
2. Select Detail to check the detailed information of the song, such as artist, album and so on.

Lock keypad
In music player, press the Power key (b) and then the # key to lock the keypad (the display will show ◎).
How to copy MP3 files to the phone
To manipulate the music files stored on the phone’s memory card it must be connected to a PC via the USB cable provided.

When the phone is connected to the PC, it should be automatically detected.

However, if the PC fails to detect the phone, the connection can be manually established by selecting Tools>Mass storage from the phone’s main menu and pressing Connect.

The phone’s memory card will appear as a ‘Removable Disk’ under the My computer icon of the PC.

1. Copy MP3 files to the root directory of the removable disk.

2. When you have finished editing the contents of the Phone’s memory, close the USB connection by double clicking the ‘Safely Remove Hardware’ icon in the System Tray of PC and selecting ‘Stop’. Then press Exit on the handset and disconnect the USB cable.
**Note:**

If you have muted the handsets speaker by pressing the **#** key, you can only listen to the music through the headset.

The battery consumption is higher than usual when the MP3 player is being used.

You can download MP3 files up to the capacity of the memory card. The phones MP3 player will read the contents of any folders put onto the mass storage, but can only read down two levels of folder, so it is better to keep all the content in the top level folder.

My favorite music list will to be empty if you delete the ‘playlist’ file on the phones mass storage memory.

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**How to change the panel skin**

1. With the music playing, press the **Dial key** (_pressed_ ) or **Scroll key**.
2. Select **Skin settings**.
3. Select the panel skin you want and press the **Dial key** (_pressed_ ) or **Scroll key**.
**FM Radio**

**Tip**
The FM radio uses the headset wires as an aerial, so the radio will not work unless the headset is connected.

To activate or quit the FM radio
1. From the main menu, select FM radio and press the **Dial key** or **Scroll key**.
2. The radio will now display ‘Searching’, as it locates the radio stations.
3. The display will now show the current radio station found and playing it through the headsets.
4. The volume can be adjusted by operating the scroll up or down.
5. To change, rename or delete stations, or to manually tune or re-tune, press the **Dial key** to enter the options menu.
6. Press the **Soft key** to exit to main menu.

**To listen to the Radio**
In FM radio, press ¹ or ² to change channel.
Background play mode
1. In FM radio, select **FM radio>Play background** to return to the main menu and play the FM radio in background mode. At the same time, you can change phone settings or play games and so on.
2. If you want to turn off the FM radio, select **FM radio** and press the **Soft key** to turn off the radio and return to the main menu.

**Tip:**
In background play mode, the display will show 📻 on the top bar.

Search channel

**Tip:**
The FM radio stores all the channels found when the automatic search was performed. Please use the manual searching feature under the options menu to find a channel which was not found during the auto search.

Search All
In the FM radio, press the **Dial key (3)**, select **Search all** to search all FM channels and store them automatically in sequence.
Manual tuning
1. In FM radio, press the **Dial key** (Ε) to select **Manual tuning**.
2. Press [↑] or [↓] to tune the frequency in 100kHz steps.
3. Press the **Dial key** (Save) or **Scroll key** to save the new station.
4. Select a station number from 1 to 40 and press the **Dial key** to save the manually tuned station.

Auto tuning
1. In FM radio, press the **Dial key** (Ε) to select **Auto tuning**.
2. Press [↑] or [↓] to start auto searching. The tuning will stop at the first radio station found, and begin playing this station.
3. Press the **Dial key** (Save), select a station number from 1 to 40, press the **Dial key** (Save). Or press [↑] or [↓] continue searching.

**Note**
The radio may stop on ‘silent stations’, if this happens please press [↑] or [↓] to continue searching.

Edit channel name
In FM radio, press the **Dial key** (Ε) to display the following options:
1. **Choose Stn.** Select a stored channel and play.
2. Name Stn.: Rename the current channel.
3. Delete Stn.: Delete the current channel.

Adjust the volume
In FM radio, push the Scroll key up or down to adjust the volume.

Lock keypad
In FM radio, press Power key (רג) and # key to lock the keypad (shown as 령).

Note:
The radio remembers the last radio station you were listening to, and the next time the radio is turned on, it will try to return to that station and re-commence playing it.

Voice recorder
To activate or quit the Voice recorder
1. In the main menu, select Tools>Voice recorder. Or press the Soft key to open the shortcut menu and select Record.
2. In the voice recorder, press the Power key to go back to the previous menu.
Record ring tone

Tip:
In this procedure, you can record your voice and set as an incoming ringer alert.

1. Select Voice recorder>Ring tone. Press the Dial key (Record) or Scroll key to start recording.
2. Press the Dial key (Stop) or Scroll key to stop recording and save the record.

Record voice memo
1. Select Voice recorder>Voice memo. Press the Dial key (Record) or Scroll key to start recording.
2. Press the Dial key (Stop) or Scroll key to stop recording and save the record.

Play record
1. In the main menu, select Tools>Voice recorder>Saved record.
2. Select the location of Memory card or Phone.
3. Select a record and press the Dial key (Play).

Edit record
1. In the main menu, select Tools>Voice recorder>Saved record.
2. Select the location of Memory card or Phone.
3. Highlight the record you want and rename it, delete it and view details of it by using the Scroll key as follows.

**Rename**
Select Rename, enter the name you want and press the Dial key to save.

**Delete**
1. Select Delete to delete the current record.
2. Select Delete all to delete all the saved records.

**Details**
Select Details to view the detailed information on the selected record.

**Select the default save location**
1. In the main menu, select Tools>Voice recorder>Save priority.
2. Select the default save location between Memory card or Phone.

**Note:**
The recording time depends on the capacity and free space on the memory card.
All the recordings are saved in the file folder ‘audio’ created in the memory card automatically.
Mass storage

1. In standby mode (lock or unlock), connect to PC with USB data cable. The pop-up message shows ‘Link USB?’. Select ‘OK’ to activate mass storage; select ‘Exit’ to charge the battery by the USB data cable.

2. Or in the main menu, select Tools>Mass storage.
   1. Press the Dial key (Connect) or Scroll key to activate the connection to PC.
   2. Select mass storage on PC. Copy the MP3 files from PC to phone.
   3. Double click the ‘Safely Remove Hardware’ icon in the System Tray of PC, select Stop and quit safely. And then press Exit on the phone. Press the Dial key to turn off mass storage. And then the phone can be used properly.
Note:

You can format the mass storage on PC in FAT12 or FAT16 format. After formatting, double click the ‘Safely Remove Hardware’ icon in the System Tray of PC, select Stop and quit safely. Then take off the battery directly without exiting from the Mass storage on your phone and re-power on.

The phone can be charged via the USB connector from the PC. When the USB cable is connected, select ‘Exit’ on the phone when prompted to ‘Link USB’.
File manager

File viewer
1. In the main menu, Select File manager>File viewer.
2. Select the memory from Memory card or Phone.
3. Press the Scroll key to open the option menu:
4. Info.: To check the status of the selected memory.
5. Format: To format the selected memory.
6. Play: To play the music in the memory.
7. Select a file folder, press the Dial key to enter the folder, or press the Scroll key to open the option menu.
   Info: To check the detailed information of the current file folder.
   Play: To play the music in the selected file folder.
8. Select a file, press the Dial key to view the detailed information of the file, or press the Scroll key to open the option menu.
   Info: To view the detailed information of the selected file.
   Send by Bluetooth: To send the selected file via Bluetooth.
   Delete: To delete the selected file.
   Rename: To rename the selected file.
   Copy: To copy the selected track.
Note:
If the file is picture or music, press the Dial key to preview or play the file and the option menu may be a little different.

Memory status
In the main menu, select File manager> Status. You can check the current usage of the memory card and internal memory of the phone.

Format
1. In the main menu, select File manager> File viewer> Memory card or Phone.
2. Press the Dial key (Select).
3. Press the Dial key to select OK on the pop-up message ‘Confirm format?’ Or press the Power key to cancel and return to the previous menu.
Games

Horo Bump
1. In the main menu, select Game-Horo bump.
2. Press the Dial key or Scroll key to open the option menu.
   New Game: To start to play a new round.
   Select stage: To select a game stage.
   High score: To check the top score of the game.
   Help: To check the instructions and illustration description.
   About: To check the version of the game.
   Quit: To quit the game and return to the previous menu.

Angel Cube
1. In the main menu, select Game-Angle cube.
2. Press the Dial key or Scroll key to open the option menu.
   New Game: To start to play a new round.
   Collection: To check the collected card.
   Help: To check the instructions and rules.
   About: To check the version of the game.
   High score: To check the top score of different level or in certain mode.
   Quit: To quit the game and return to the previous menu.
**Bluetooth**

**Tips:**
To optimize the performance of the communication between Bluetooth headset and your phone, please ensure the communication is not interfered by obstructions or by wireless signal.

You are required to choose A2DP Bluetooth headset supporting MP3 streaming, or else you can not listen to the music by headset. Your handset supports MP3 with a rate less than 320kbps.

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**Send data using Bluetooth technology**

**Tips:**
Before pairing, please create your own password and agree with the owner of the other device to use the same password. This password is used only once and you do not have to memorize it.
Pairing
1. Place the two devices within 6 meter.
2. From the main menu, select Tools>Bluetooth>Switch and select On.

**Warning**
Please turn the switch on before using the Bluetooth connection. The default switch status of your phone is Off.

3. Select Tools>Bluetooth->My device. And select Search device, press the **Dial key** or **Scroll key** to begin searching for devices within range.

**Warning:** It will cost 15 seconds to find a new device. Your phone screen will turn off in several seconds, and you can press any key to light up the screen.

4. Press the **Power key** to stop searching and open the searched devices list. Select a device you want to connect with, press the **Dial key** or **Scroll key** to begin pairing. If paired successfully, the screen displays “Enter password”, or else it displays “Pair failed, retry?”, select **OK** to retry pairing.

5. Enter the password, press the **Dial key** or **Scroll key**. Enter the same password. If paired successfully, the screen displays “Paired ok”, or else it displays “Pair failed”. You are required to re-enter the
password to pair with the device again.

6. If paired successfully, you are transferred to My device list automatically. Press the Power key (Exit) to return to the standby mode.

Visibility
2. Select On to allow other Bluetooth devices to find you. Select Off to hide your phone so that you cannot be found by other Bluetooth devices.

Rename

Rename devices
1. Select the device you want in My device list, press Dial key (Option) or Scroll key.
2. Select Rename to edit the default name of the selected device.

Rename your phone
1. Select Tools>Bluetooth>Options>Rename.
2. Push the Scroll key up or down to move the cursor, and press the Soft key to delete the characters before the cursor. Enter the name you want, and press the Dial key (OK).
Service List

Service list of other devices
1. Select the device you want in My device list, press **Dial key (Option)** or **Scroll key**.
2. Select **Service list** to check all the services the selected device can provide.

Service list of your phone
Select **Tools>Bluetooth>Bluetooth service** to check all the services your phone provides.

Delete devices
1. Select the device you want in My device list, press **Dial key (Option)** or **Scroll key**.
2. Select **Delete** to delete the selected device.

Download data with Bluetooth technology
1. Select the device you want in My device list, press **Dial key (Option)** or **Scroll key**.
2. Select **Browse files/Connect** to view the shared files or file folders on the other device.
3. Select the file you want, press the **Dial key (Get)** to download the file to your phone.
Note:
All the files received by Bluetooth technology are saved in the default file folder “Blue Tooth”.

Send data with Bluetooth technology
1. Select File manager>File viewer from the main menu.
2. Select the file you want to send, press the Dial key (Option) or the Scroll key to open the option menu.
3. Select Send by Bluetooth.

Security
Select File manager>File viewer to open the option menu.
- Off: To view the shared files in the paired device directly after pairing.
- Service level: When using FTP or OPP services, connection requests such as viewing, getting or deleting the shared files from the paired device must be accepted separately after pairing.
- Link level: When using FTP or OPP link, connection requests such as viewing, getting or deleting the shared files from the paired device must be accepted separately after pairing.
Select default save location
1. Select Tools>Bluetooth>Options>Root drive.
2. Select Phone or Memory card as the default save location for the data transmitted by Bluetooth.

Select prefer player
1. Select Tools>Bluetooth>Options>Prefer player.
2. Select the default player from the options:
   - **Phone**: Listen to music using the internal loudspeaker or the headset.
   - **BT sink**: Listen to music using Bluetooth headset.

Adjust microphone volume
1. Select Tools>Bluetooth>Options>Mic volume.
2. Push the **Scroll key** up or down to increase or decrease the volume.
Send phone book entries

Send a phone book entry
1. In the standby mode, press the Scroll key, or select Mobile>Phone book>Names from the main menu.
2. Select the entry you want to send, press the Scroll key to open the option menu. And select Send by Bluetooth.
3. Select the receiving device from My device list, and press the Dial key (Select) or Scroll key to send.

Send my business card
1. From the main menu, select Mobile>Phone book>My business card.
2. Select Edit to edit your business card including name, phone number and E-mail address. Then press the Dial key (Save).
3. Select Send by Bluetooth to open My device list. Select the receiving device and press the Dial key (Send) or Scroll key to send your business card.
Exchange business card
1. From the main menu, select Mobile>Phone book>My business card.
2. Select Exchange business card to open My device list. Select the receiving device, press the **Dial key** (Select) or **Scroll key** to send your business card and receive the business card from the other side.
Setting up ring styles and display

The phone comes with 5 pre-defined profiles: Normal, Meeting, Outdoor, Car and VIP. These profiles can be personalized by editing them.

**Personalising a ring style**
1. Open the main menu, select Profiles>Normal, Meeting, Outdoor, Car VIP or Headset.
2. Or press the Back key and select Profiles to open the menu.
3. Select one profile, then press the Dial key (Select) or Scroll Key to open it.

**Setting an incoming call ringer alert**
1. Select Personalise>Ring tone.
2. Select Default to open the internal ring tone list in the phone. Select the ring tone you want and press the Dial key (Select) or Scroll key.
3. Select Extern to open the external ring tone list which will include the MP3 files. Select the audio file you want and press the Dial key (Select) or Scroll key.
4. Set to ringtone: To set the selected external audio files as the ringer alert.

5. Set clip: To set part of the audio file as the ringer alert. Press the 0 key to mark the start and end of the loop. And press the Dial key or Scroll key.

Setting a message ringer alert
1. Select Personalise>Message tone.
2. Select the ring tone you want and press the Dial key (Select) or Scroll key.

Setting a group ringer alert
1. Select Mobile>Phone book>Settings>Group tones.
2. Select a group and press the Dial key or Scroll key.
3. Select Default to open the internal ring tone list in the phone. Select the ring tone you want and press the Dial key (Select) or Scroll key.
4. Select Extern to open the external ring tone list which will include the MP3 files. Select the audio file you want and press the Dial key (Select) or Scroll key.
5. Set to ringtone: To set the selected external audio file as the group ringer alert.
6. Set clip: To set part of the audio file as the group ringer alert. Press the 0 key to mark the start and end of the loop. And press the Dial key or Scroll key.

Setting ringer alert play mode
1. Select Personalise>Ring tone mode.
2. Push the Scroll key up or down to highlight the mode you want from the option menu, Beep one, Ring once or Cycle.
3. Press the Dial key (Select) or Scroll key.

Adjusting volume
1. Select Personalise>Ring volume, Earpiece volume, Keypad tone or Vibrator.
2. Use theScroll keyto adjust volume, then press the Dial key (Select) or Scroll key.
3. Press the Dial key (Select) or Scroll key to set vibrator on or off.
Setting up display
Open the main menu, select Settings>Phone>Screen.

Setting the highlight bar
Select Screen>Highlight bar, use the Scroll key to highlight the type you like. Then press the Dial key (Select) or Scroll key to save the highlight bar setting.

Setting wallpaper
How to select internal wallpaper
1. Select Screen>Wallpaper. Select the wallpaper you want, press the Dial key (Select) or Scroll key to preview pictures.
2. Press the Dial key ( ) or Scroll key to set the current picture to wallpaper.
3. Press the Soft key to return to the wallpaper list.
4. Press the Power key ( ) to return to the standby mode.

How to select external wallpaper
1. Copy the pictures you want from the PC to your phone or Micro SD/T-Flash card. Please refer to the steps of the Mass storage at page 56.
2. In the main menu, select File manager>File viewer.
3. Select a picture, press the **Dial key** (**Select**) or press the **Scroll key** and select **View** to preview the picture.

4. Press the **Dial key** to set the current picture as wallpaper. Or press the **Soft key** to return to the previous menu, press the **Dial key** and select **Wallpaper**.

**Note:**
Your phone supports file format of picture such as JPG, PNG, GIF and BMP.

**Setting the color of input font**
Select **Screen>Color of input**, use the **Scroll key** to choose from **Monochromatic** and **Rainbow**, then press the **Dial key** (**Select**) or **Scroll key** to save the color setting.

**Setting backlight**
Select **Screen>Backlight timer**, then use the **Dial key** (**Select**) or **Scroll key** to set the time you want.

**Setting brightness**
Select **Screen>Backlight level**, use the **Scroll key** to adjust the brightness, then press the **Dial key** (**Select**) or **Scroll key** to save the brightness setting.
Idle screen display
1. Select Screen>Idle display.
2. Push the Scroll key up or down to select from Network name,
   Time, Date & week or Select all.
3. Press the Scroll key to select or cancel the option.
4. Press the Dial key.

Setting up Time & Date
Open the main menu, select Settings>Date & Time.

Setting time
1. Select Date & Time>Time.
2. Enter the time you need, then press the Dial key (OK) or Scroll
   key to save the time setting. (e.g. If the time would be 2:45 pm,
   please enter 1-4-4-5)

Setting date
1. Select Date & Time>Date.
2. Enter the date you need, then press the Dial key (OK) or Scroll
   key to save the date setting. (e.g. If the date would be Mar 15th
   2005, please enter 1-5-0-3-2-0-0-5)
Setting date format
1. Select Date & Time->Date format.
2. Select the format you want, and then press the Dial key (Option) or Scroll key to save the date format setting.

Setting up greetings and language
Setting language

Note
If you select Automatic, your phone selects the language according to the information on your SIM card. In case there is no SIM card inserted, your phone selects English as default for the first time and changes the language in accordance with the information on your SIM card you used last time.

1. Open the main menu, select Settings->Phone->Language.
2. Select the language you want, then press the Dial key (Option) or Scroll key to save the language setting.
**Setting greetings**

1. Open the main menu, select **Settings>Phone>Greeting**.
2. Enter the greetings you want, then press the **Dial key (Save)** or **Scroll key** to save the greetings setting.

Please refer to **Entry method** at page 90 to get more information about entry method.

**Tips**

Greetings will be displayed before the home screen displays.
Using phonebook

You can store up to 500 phone numbers in your phonebook. The numbers you can store in the SIM card will vary. You can store the contact’s name, phone numbers and other relative numbers in the phone book.

Storing a phonebook entry

Storing a phonebook entry from the menu

1. Open the main menu, select Mobile>Phone book>Add new.
2. Enter the contact name and press the Dial key to save.
3. Select a group for the current entry. Press the Dial key (Select) or Scroll key.
4. Enter the phone number you want. Then press the Dial key (Save) or Scroll key.
5. Select a number type, Press the Dial key (Save) or Scroll key.
6. Three phone numbers can be added into each entry. To add more numbers, select Add number and press the Scroll key and redo step 4 and step 5 above.
Storing a phonebook entry in standby mode

1. In standby mode, input a phone number, then press the Scroll key to enter Option menu>Save.
2. If adding a new phone number to an existing entry, select To existing to enter phone book list.
3. Select the entry you want, then press the Dial key (Select) to save the new number.
4. If creating a new entry, select New entry. (Please refer to ‘Storing a phonebook entry from the menu’ page 77)

Searching for a phonebook entry

In standby mode, press the Scroll key; or open the main menu, then select Mobile>Phonebook>Names to enter contact lists.
In contact lists, press the *, # key to page up or down.
1. To search by first letter: press the number key which the first letter of a contact’s name begins with, then use the Scroll key to select a name you want.
2. To search by name: press the Scroll key to open option menu, select Search, then input the contact’s name and press the Dial key (OK).
3. To search by group: press the Scroll key to open option menu,
select View by group, then select the group and press the Dial key (OK) or Scroll key, and then all the group’s contact lists will appear.

Editing a phonebook entry
In standby mode, press the Scroll key; or open the main menu, then select Mobile>Phonebook>Names to enter contact lists.
1. Select the contact you want, then press the Scroll key to open option menu and select Edit.
2. Select the contact name or phone number which needs to be changed, then press the Scroll key to enter editing mode.
3. After editing, press the Dial key (Save) or Scroll key to select a number type, then press the Dial key (Save) or Scroll key to save the entry.

Deleting phonebook entries
In standby mode, press the Scroll key; or open the main menu, then select Mobile>Phonebook>Names to enter contact lists.

Deleting a single number
1. Select the contact you want, press the Dial key (View) to view all phone numbers under this entry,
2. Select the phone number you want to delete, then press the
**Scroll key** to enter Option menu and select Delete to delete the
number.

**Deleting an entry**
1. Repeat the steps of ‘Deleting a single number’.
2. After deleting all the phone numbers in this contact, this contact
name will disappear automatically.
3. Or select the contact name you want, then press the **Scroll key** to
enter Option menu directly and select Delete.

**Deleting all phonebook entries**
In the main menu, select Mobile>Phone book>Settings>Delete all>SIM
card, Phone or All.
- Select **SIM card** to delete all entries in SIM card.
- Select **Phone** to delete all entries in your phone.
- Select **All** to delete all entries both in SIM card and your phone.
Assigning a group

Group filters
1. Open the main menu, select Mobile->Phonebook->Settings ->Group filters.
2. Press the Scroll key to set the display or hide status of group.
3. “orda”: Show all the contacts under this group; “orda”: Hide all the contacts under this group.
4. Press the Dial key (OK) to save the group status and back to previous menu.

Assigning a group
1. In the phonebook list, select a contact, then press the Scroll key to enter Option menu and select Add to group.
2. Select the group you want to assign, and then press the Dial key (OK) or Scroll key to save the setting.
Copying phonebook entries

Copy an entry
In standby mode, press the Scroll key; or open the main menu, then select Mobile>Phone book>Names to enter contact lists.
1. Highlight the entry you want to copy, press the Scroll key.
2. Select Copy and press the Dial key or Scroll key.
3. Press OK to delete the original entry; press Exit to keep the original one.

Copy all entries
1. In standby mode, select Mobile>Phone book>Settings>Copy all.
2. Select SIM to phone to copy all the entries in the SIM card to the phone; select Phone to SIM to copy all the entries in the phone to the SIM card.
Exporting or importing phonebook entries

1. In the main menu, select Mobile>Phone book>Settings.
2. Select Export/import>Export, then select the export location from To phone and To memory card. Enter the file name and press the Dial key.
3. Select Export/import>Import to open the File viewer menu, locate the file you want to import. Press the Dial key (OK) or the Scroll key.

**Note:**
The file imported and exported is in vCard format.
While entering the file name, press the Scroll key to switch the entry method.
All the exported files are saved in the file folder ‘Names’ created in the memory card automatically.
Viewing and setting up 1-touch dial

**Note**
On this phone you can only assign key 2 to 9 to eight numbers in SIM card as 1 touch dial numbers.

1. In the main menu, select Mobile>Phone book>Settings>Speed dial list. Then press the **Dial key (Select)** or **Scroll key** to view the one-digit speed dial number list.

2. In the main menu, select Mobile>Phone book>Names to access name list. Press the **Dial key (View)** to view the details. Press the **Scroll key** to access the option menu. Select **Speed dial**, and then select a speed dial number (from 2 to 9) for the contact, press the **Dial key (Select)** or **Scroll key** to save and back to the previous menu automatically.
Viewing memory status

Choosing default save location
Open the main menu, select Mobile>Phonebook>Settings>Default memory>SIM card, Phone or Optional.
- Select SIM card to save all new entries in SIM card by default.
- Select Phone to save all new entries in phone by default.
- Select Optional to save new entries in SIM card or phone.

Viewing memory status
Open the main menu, select Mobile>Phonebook>Settings>Status to show the memory status of SIM card or phone.
Using call history

Viewing call history

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>If the phone number has been saved in your phonebook, the contact name will be displayed in call record.</td>
</tr>
</tbody>
</table>

1. In standby mode, press the **Dial key** (__) directly to view all calls list.
2. You can switch to dialed, received and missed calls list by the * and # key.
3. Or open the main menu, select **Mobile>Call record>All calls, Dialled calls, Missed calls or Received calls.**
4. Highlight a record, press the **Scroll key** to show the details.
Deleting call history
1. Open the main menu, select Mobile>Call record>Delete> Dialed calls, Missed calls, Received calls or All calls.
   Select **Dialed calls** to delete all the records in Dialed calls list.
   Select **Missed calls** to delete all the records in Missed calls list.
   Select **Received calls** to delete all the records in Received calls list.
   Select **All calls** to delete all the records in Call history list.
2. Press the **Dial key** (Select) or **Scroll key** to delete and press the **Power key** to cancel this operation.

Setting call history display mode
1. Open the main menu, select Mobile>Call record>Display methods.
   By time: To display the call history according to time sequence.
   By group: To display the call history in group using the phone number or contact name as a unit. All the call records of a number are stored in the same entry.
2. Press the **Dial key** (Select) or **Scroll key**.
Viewing call information

**Note:**
To set call costs and cost limit, input PIN2. Please refer to PIN2 at page 15.
To view the last call cost and all call costs, set charge rate at first.

Cost information
Open the main menu, select Mobile>Call record>Call info.>Cost info.>Last call, All calls, Clear logs, Cost units or Max cost.

- **Last call:** Press **Dial key (Select)** or **Scroll key** to view the cost of the latest call.
- **All calls:** Press **Dial key (Select)** or **Scroll key** to view the cost of all calls.
- **Clear logs:** Press **Dial key** to clear.
- **Cost units:** To set the charge rate.
- **Max cost:** Input the limitation of cost. If necessary, please input PIN2.

Open the main menu, and select Mobile>Call record>Call info.> Cost info.> Cost units>Read units or Set units.
• **Read units**: View the current cost unit.
• **Set units**: Input the cost unit, then press **Dial key (Save)**. If necessary, please input PIN2.

**Note:**
The time duration displayed in your phone may not be exact with the time duration based on which your service provider charge you. To get the exact cost information, please contact your local service provider.

**Timer information**
Open the main menu, select Mobile>Call record>Call info.>Time info.>Last call or Total time.

• **Last call**: Press **Dial key (Select)** or **Scroll key** to view the time duration of the latest call.
• **Total time**: Press **Dial key (Select)** or **Scroll key** to view the time duration of all calls.
Entry method

Where to use entry method
Your phone offers a number of different text entry methods for entering text information in:
1. Creation or editing of contact details in the phonebook
2. Name searching in the phonebook
3. Creating SMS messages
4. Editing memos

Text entry methods

- **ABC** Capital letter
- **abc** Lowercase
- **T9** (Capital letter)
- **En** T9 (First letter capital)
- **Fr** T9 (Lowercase)
- **Num** Number
**Tips:**
To change between text entry methods, press the **# key** or **Scroll key**
With the T9 method selected, you can toggle between T9 entry methods by pressing and holding 0.
In Chinese entry method, press 0 to or push Scroll key to page up or page down. Press and hold 0 to enter a space.

**Cursor**
When editing, a cursor ‘I’ will be shown in the text string to indicate the location new characters will be entered.

**English entry method**

**Multi-tap**
To enter text in Multi-tap mode, the key with the appropriate group of letters must be pressed, if the first letter of the group is required, the key is pressed once. If the second letter is required it should be pressed twice.

e.g Input the word ‘Hello’
1. Switch to capital letter, then press 4 twice to input ‘H’
2. Switch to lowercase, then press 3 two times to input ‘e’, press 5 three times to input ‘l’, press 5 three times to input ‘l’, then press 6 three times to input ‘o’.

**T9 English entry method**

It’s easier to use T9 to input words.

* e.g. Input the word ‘Hello’

1. Ensure you are in T9 mode (cycle through the options by pressing 0), then press and hold the 0 key to switch to capital T9.
2. Press 4,3,5,5,6. As you type the phone will be trying to work out the most likely word you are trying to spell. When you have completed the word, confirm the word the phone has correctly predicted the word you require by pressing 0, this will enter the word displayed, enter a 0 and move on ready to enter the next word.
3. If the word the phone has predicted is not the one you require, alternative words found by the same keypresses can be shown by pressing the * or # key, or pushing up or down the Scroll key.
4. Press 0 to enter a 0.
Punctuation and Special characters

In editing mode, press and hold the * key to input punctuation and special characters. Push the Scroll key up or down to page up or page down. Press the corresponding number key to enter punctuation or special characters.

Messages

Viewing messages

Note
You must set up your message inbox before you can send and receive messages. Usually, your service provider has already set up the message inbox for you.

In standby mode, push the Scroll key up to open SMS menu; or open the main menu, select Mobile>Messages>SMS>Inbox, Outbox or Saved items.
Inbox:
1. Use the **Scroll key** to select the message you need, press the **Dial key** *(Read)* or **Scroll key** to read the message.
2. Press the **Dial key** *(Option)* or **Scroll key** to open the option menu:
   - **Reply:** To reply to the sender’s number
   - **Delete:** To delete the message
   - **Forward:** To continue to send the message to other recipients
   - **Save:** To save the message
   - **Edit:** To edit the message and save
   - **Call:** To call the sender’s number
   - **Extract number:** To extract the numbers embedded in the message
   - **Send to group:** To send the message to a group of persons

Outbox
1. Use the **Scroll key** to select the message you need, press the **Dial key** *(Read)* or **Scroll key** to read the message.
2. Press the **Dial key** *(Option)* or **Scroll key** to open the option menu:
   - **Delete:** To delete the message
   - **Send:** To send the message
   - **Save:** To save the message
   - **Edit:** To edit the message and save
Call: To call the sender’s number
Extract number: To extract the numbers embedded in the message
Send to group: To send the message to a group of persons

Saved items
1. Use the Scroll key to select the message you need, press the Dial key (Read) or Scroll key to read the message.
2. Press the Dial key (Option) or Scroll key to open the option menu:
   Delete: To delete the message
   Send: To send the message
   Edit: To edit the message and save
   Extract number: To extract the numbers embedded in the message
   Send to group: To send the message to a group of persons

Tip:
You can check the previous or next message by pressing * or # key.
Creating messages

**Note**

If you set the language as English, up to 160 English characters can be contained in each message (including 0)
If you set the language as others, 70 characters can be contained in each message (including 0).

In standby mode, push the **Scroll key** up to enter SMS>create; or open the main menu, and select Mobile>Messages>SMS>Create.

1. To enter the content.
2. Press Dial key (**Option***) to access the option menu:
   - **Send**: To send the message
   - **Save**: To save the message
   - **Insert template**: To insert the template selected from the template list
   - **Insert name**: To insert the names selected from the list
   - **Insert number**: To insert the numbers selected from the list
   - **Send to group**: To send the message to a group of persons
**Warning**

In the message entry screen, press the **Power key** to delete the characters to the left of the cursor; Press and hold **Power key** to clear all the characters.

The SMS will be divided into at most 6 continuous pieces automatically and send them one by one if the characters entered in one message exceeds the character limits. The upper limit is 912 English letters in purely English language or 396 characters in other languages.

**Deleting messages**

Open the main menu, select Mobile>Messages>SMS>Inbox, Outbox or Saved items.

**Delete all**: To delete all of the messages in this folder.

**Delete one**:

1. Select a message, press the **Dial key (Read)** or **Scroll key** to view this message.
2. Press the **Dial key (Option)** or **Scroll key** to access option menu.
3. Select **Delete**.
Setting up messages
Open the main menu, select Mobile>Messages>SMS>Settings, to open the option menu:

- **SMS centre No.**: Enter the SMS service centre code, then press the **Dial key** (Save).
- **Validity**: Select the length of time your message will be stored in the SMS service centre and back to previous menu.
- **Delivery rept.**: Set the delivery status report on/off and back to previous menu.
- **Save priority**: Set the priority to store in SIM card or phone and back to previous menu.
- **Status**: Display the SMS storage status in SIM card and phone.

### Information messages

**Note:**
Information message functions are network support services. Please contact your service provider for more information.

Open the main menu, select Mobile>Messages>Info. Messages.
Viewing information messages
1. In Info messages menu, use the Scroll key to select Read.
2. Use the Scroll key to select the information you want, then press Dial key to read.

Notes
Please set up a topic first and then you can use the read menu.
If no information message in current topic, The display will show “no message”.

Setting up information messages
1. In Info messages menu, use the Scroll key to select Settings.
2. Press the Dial key (select) or Scroll key to Add or Delete the language.
3. Select Topics>Add new to access the self-created topic list. Press the Dial key (Select) or Scroll key to Add, View/Edit or Delete topics.
4. Select Topics>Current list to access the currently selected list. Press the Dial key (Select) or Scroll key to Add or Delete topics.
Voice mail

Open the main menu, select Mobile->Messages>Voice mail>Listen or Voice mail number.

Please set the voice mail number before listening to the voice mail messages.

Note:
Voice mail is a network support service please contact your local service provider for detailed information.
Personal organizer

Alarm

**Tip:**
You can set more than one clock at a time.

Open the main menu, and select Agenda>Alarm.

**Turn Alarm on**
1. Select Alarm list.
2. Select an alarm, press the Dial key (Option) or Scroll key to access the option menu.
   - Active: Activate the current alarm.
   - Edit/Set: Edit or set the current alarm.
   - Alarm status: View the status of the current alarm.
   - Close all: Close all the activated alarms.

**Turn Alarm off**
- **Turn all off:** Select an alarm, press the Dial key (Option) or Scroll key to access the option menu. Select Close all.
- **Turn one off:** Select an activated alarm, press the Dial key (Option) or Scroll key to access the option menu. Select Alarm off.
Set alarm ringer alert
1. Select Alarm tone.
2. Push the Scroll key up or down to check the alternative ringing tone.
3. Press the Dial key (Select) or Scroll key to set the selected ringing tone as the alarm ringer alert.

Memo
In the main menu, select Agenda>Memo.

Add
1. Select Add, enter the content and press the Dial key (OK) to save.
2. Select turn On or Off the reminder press the Dial key (OK).
3. If choosing On, select the remind date, and then enter the time. Press the Dial key (OK) or Scroll key to save.

View
Select View all to view the detailed content of the memo. Press the Dial key (Option) or Scroll key to enter the option menu:
• View/Edit: Enter the content you want and press the Dial key (OK) to save.
• Delete: Delete the current memo.
Calendar

In the main menu, select Agenda>Calendar.

1. Push the Scroll key to move the cursor left or right, push and hold the Scroll key to move the cursor up or down. Press the # key or * key to change month.

2. Press the C key to back to the previous menu, or press the Power key to return to the standby mode.

Tip:
The date below the solar date is the corresponding lunar date.

Calendar convert

In the main menu, select Agenda>Calendar cnvt.

1. Push the Scroll key to select from Solar to lunar or Lunar to solar.

2. Input the solar or lunar date you want to check, and press the Dial key (OK).
**World time**
In the main menu, select Agenda>World time.
1. Push the **Scroll key** to move the straight line on the screen to show the time zone and corresponding time.
2. Press the **Dial key** (Select) to select a time zone and the phone time will be set to the current time zone, and then the phone will go back to the previous menu automatically.

**Calculator**
You can have some basic mathematics operation such as plus, minus, multiply and divide.
In the main menu, select Tools>Calculator.
1. During entering digits, press the **Soft key** to delete a character.
2. Press the * **key** to switch the function notation. Press the **Dial key** to get the result.
3. Press the **Power key** to back to the previous menu.
Stopwatch
In the main menu, select Tools>Stopwatch.
1. Press the Soft key to start timing.
2. Press the Soft key to stop timing and record the time.
3. Press the Dial key to reset for the next round.

STK
Your phone supports STK.
Please contact your SIM card service provider on the usage, charge rate and data of STK.
Call and phone settings

Minute reminder
In the main menu, select Settings>Call>Minute reminder.
Select the time On or Off, press the Dial key (Select) or Scroll key to save.

Fixed dialing

Note:
The SIM card installed needs to support fixed dialing.
The amount of number can be stored depends on the memory of SIM card.

In the main menu, select Settings>Call>Fixed dialing.
1. Enter PIN2 code to access the option menu.
2. Select Fixed dial setting>On to enable the fixed dialing; select Fixed
dial setting>Off to disable the fixed dialing
3. Select Fixed dial list to access fixed dial name list. Select the contact you want, press the Dial key (View) or Scroll key to dial.
4. In the name list, press the Scroll key to access the option menu:
5. Select Edit to edit the number or name of the current contact;
6. Select Delete to delete the current number.
7. Select Add new to add a new contact.

**Tip:**
You can only dial or send messages to the numbers in the fixed dial list, when the fixed dialing is activated.

**Reject calls**
1. In the main menu, select Settings>Call>Rejected calls.
2. Enter the phone unlock code to access the option menu.
   Number list: To check the rejected number list.
   Add: To add new numbers you want to reject.
   Delete: To delete the rejected number you want.
   Status: To turn on or off the rejected calls.
Call forward

Tip:
Call forward is invalid when the fixed dialing is activated.
In this function, you can forward the incoming calls to the assigned number. (Call forward is network support service, please contact your local wireless service provider for detailed information.)

In the main menu, select Mobile>Services>Call divert>Divert all calls, Divert if busy, On no answer, If unavailable or Cancel all.

- **Divert all calls**: All the incoming calls are to be forwarded to the assigned number unconditionally.
- **Divert if busy**: Forward the incoming calls to the assigned number when the line is busy.
- **On no answer**: Forward the incoming calls to the assigned number when the call is not answered.
- **If unavailable**: Diver the incoming calls to the assigned number when the phone is not available or switched off.
- **Cancel all**: Cancel all the activated forwarding.
You can use call forward feature in different conditions. There are On, Off and Status in each option. Press the Dial key (Select) or Scroll key to select.

1. Select On>Set number or Voice mail.
2. Set number: Enter the number you want to assign, or press the Dial key (Search) in the phone book before entering the number. Press the Dial key (OK) or Scroll key to save.
3. Voice mail: Your phone will display the voice mail number automatically. You can also enter the voice mail number you want, press the Dial key (Select) or Scroll key to save.
4. Select Off to disable call forward.
5. Select Status to view the current status of call forward.
Call barring

**Tip:**
In this function, you can restrict the incoming and outgoing calls. (Call barring is network support service, please contact your local wireless service provider for detailed information.)

In the main menu, select Mobile>Services>Call barring>Outgoing, Intl. out, Dial local, Incoming, Roaming in, Cancel all or Password.

- **Outgoing:** All out calls can not be made.
- **Intl. out:** International calls can not be made.
- **Local only:** Only local calls in the same network as the SIM card can be made.
- **Incoming:** All incoming calls can not be answered.
- **Roaming in:** Incoming calls can not be received while roaming.
- **Cancel all:** Enter the password to cancel all the restrictions.
- **Password:** You may change the network barring password provided by the wireless service provider when applying the relevant service.
You can use call barring function in different conditions. There are On, Off and Status in each option. Press the Dial key (Select) or Scroll key to save.

1. Select On and enter network password to restrict the numbers in the current condition.
2. Select Off and enter network password to cancel the restriction.
3. Select Status to view the current status of call barring.

**Call waiting**

In the main menu, select Services>Call waiting.

1. Select Activate to enable call waiting. Incoming call icon displays when there is an incoming call during a call.
2. Select Cancel to disable call waiting.
3. Select Status to view the current status of call waiting.
Phone setting

Auto key lock
In the main menu, select Settings>Phone>Auto key lock.
1. Select On to activate keypad auto lock.
2. Select Off to disable keypad auto lock.

Airplane mode
In the main menu, select Settings>Phone>Airplane mode.
1. Select On to disable calling functions. You can only use the entertainment functions on the airplane. (Please comply with the relative regulations.)
2. Select Off to disable the airplane mode.
My number

Tip:
You can set 2 my numbers only.

In the main menu, select Settings>Phone>My number.

1. Press the **Dial key** (Add), and enter the number, and then press the **Dial key** (OK) to save.
2. Select a number, and then press the **Dial key** (Option) or **Scroll key** to the option menu: to Edit No. or Delete No.

Any key answer

In the main menu, select Settings>Phone>Any key ans.

Press the **Dial key** (Select) or **Scroll key** to turn On or Off.

- **On**: Press any key to answer the incoming calls.
- **Off**: Press the **Dial key** or **Scroll key** to answer the incoming calls. (Please refer to Answering or rejecting a call at page 39 for more information.)
Auto on and off
Your phone switches on or off automatically on the assigned time
when Auto on/off is activated.
In the main menu, select Settings>Phone>Auto on/off.
1. Press the Dial key (Select) or Scroll key to set Auto on or Auto
   off.
2. Press the number keys to enter the time of switch on or switch off
   and press the Dial key (OK) or Scroll key to save.

Power on music
In the main menu, select Settings>Phone>Power on music.
1. Select On to turn on the power on music.
2. Select Off to turn off the power on music.

Keypad lamp
In the main menu, select Settings>Phone>Keypad lamp.
1. Select On to turn on the keypad lamp.
2. Select Off to turn off the keypad lamp.
Shortcut menu

Tip
You can set 4 shortcuts in the shortcut menu.

1. In the main menu, select Settings>Phone>Shortcut menu.
2. Select a place from 1 to 4. Press the Dial key or Scroll key.
3. Select a function you want to set and press the Dial key or Scroll key to replace the original one.
Other settings

Network setting
In the main menu, select Settings>Network>Network opts. or Edit password.
2. Select Edit password to change the network password.

Security setting
In the main menu, select Settings>Security>PIN code or Phone lock.

PIN code
1. Select PIN code, press the Dial key (Select) or Scroll key to open the PIN code entry screen.
2. Enter the proper PIN code, and press the Dial key (Select) or Scroll key to save the setting.
**Warning:**
The SIM card is locked if wrong PIN code is entered for 3 times. (Please contact your local wireless service provider to unlock the SIM card.)
The SIM card is to be damaged if the wrong PIN code is entered for 10 times. (Please contact your local service provider for help.)

**Phone lock**
Enter the phone unlock code to open the phone lock screen. Press the **Dial key (Option)** or **Scroll key** to turn **On**, **Off** or **Change code**.

**Note:**
You need to enter the unlock code to switch on the phone and access some menus if the phone lock is activated.
The default phone unlock code is 1234.
Reset settings

In the main menu, select Settings>Reset settings. Enter the phone unlock code, and press the Dial key (Select) or Scroll key to restore the factory settings.

**Note:**

Your personalized settings will be canceled after this operation.

Master reset does not have effect on the phone book or other data rather than setting.

Master reset does not change the time and date in your phone.
<table>
<thead>
<tr>
<th>Problems:</th>
<th>Solutions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display ‘Locked’ when the phone is turned on.</td>
<td>Wrong PIN number has been input, please contact your service provider to unlock.</td>
</tr>
<tr>
<td>No Signal strength indicator is displayed</td>
<td>Lose 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.</td>
</tr>
<tr>
<td>The keypad doesn’t work or work very slowly.</td>
<td>The operation speed of the screen is slow under low temperature. This will not influence the operation of the phone. Please try again in a warmer place.</td>
</tr>
<tr>
<td>No display while charging</td>
<td>Low battery, or out of the temperature range (0-45°C). Please wait for couple minutes or move the mobile to a warmer place to recharge again.</td>
</tr>
<tr>
<td>‘Not Provided’ or ‘Not Set’ is displayed on the screen while using some functions.</td>
<td>Many functions can only be used after applying for the services. Please contact your service provider for details.</td>
</tr>
<tr>
<td>Problems:</td>
<td>Solutions:</td>
</tr>
<tr>
<td>----------</td>
<td>------------</td>
</tr>
<tr>
<td>‘SIM damaged’ is displayed on the screen.</td>
<td>SIM might be damaged, please contact your service provider for help.</td>
</tr>
<tr>
<td>‘Insert SIM’ displayed</td>
<td>Please make sure that you have inserted the SIM card properly. If it still does not work, SIM may be damaged and please contact your service provider.</td>
</tr>
</tbody>
</table>
Battery information

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Li-ion</td>
<td>730 mAh</td>
</tr>
</tbody>
</table>

- The battery life depends on many factors, including the SIM card, network conditions, settings, usage and environment.
- Making calls, turning on the backlight and music player will consume more battery power.
- The standby time is shorter when the network is not available than in the standard status.
- For power saving, the backlight turns off automatically if your phone stands idle for an assigned time.
- The performance of battery varies with the charging status, temperature, local radio wave and backlight status.
Accessories

Safety of the battery

1. Please use the battery provided by the original manufacturer. Use of any other battery will lead to the warranty being invalid and the manufacturer of the phone will take no responsibility in repairing the phone damaged by the use of unapproved fittings.

2. Please keep any metal things (e.g. Keys in your pocket) away from the contact point of your battery to avoid short circuits.

3. Do not bend or open the battery by force

4. Please keep the battery away from water or fire.

5. The battery can not be charged under 0°C (32°F) or above 45°C (113°F).

Rapid travel charger

The rapid travel charger can help you to quickly charge the battery. Plug the charger to an AC wall socket and plug the other end into the charger port of the phone. Please make sure the battery is correctly inserted on the phone before charging. Please do not remove the battery while charging.
Data cable
Only use the data cable approved by the phone manufacturer. The use of any other types would invalidate any approval or warrant applying to the phone and could be dangerous.
<table>
<thead>
<tr>
<th>Brand</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>SanDisk</td>
<td>64MB, 128MB, 256MB, 1G</td>
</tr>
<tr>
<td>Kingston</td>
<td>256MB, 512MB, 1G</td>
</tr>
<tr>
<td>KingMAX</td>
<td>32MB, 64MB, 128MB, 512MB</td>
</tr>
<tr>
<td>ihope</td>
<td>128MB</td>
</tr>
<tr>
<td>TwinMos</td>
<td>128MB</td>
</tr>
<tr>
<td>pqi</td>
<td>128MB</td>
</tr>
</tbody>
</table>


FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.
Recycling and Disposal

Device

At the end of its life, the appliance must not be disposed of in household rubbish. Enquire about the options for environmentally-friendly disposal.

Batteries

Do not dispose of used batteries in the household rubbish! They must be deposited at a collection point for used batteries.

Packaging

To avoid damage during transport, the PC is stored in a packaging. Packaging is produced mostly from materials which can be disposed of in an environmentally friendly manner and be professionally recycled.

Should you have any questions concerning the disposal please contact your dealer or our service.

126