

User Manual

Model Name:HKM650

FCC ID:X77HKM650

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## 1 For your safety

Notice: To use your handset safely and efficiently, please read the following instruction carefully before using and abide by it.



Be careful when you are driving.

Please abide by the relative local laws and regulations. Use both of your hands to drive! Put the handset in its seat to avoid falling down. The ballonet will charge quickly when it is in danger, please don't put anything in its security scope, including fixed phone and handset equipment. Otherwise it may cause serious body injuries.



The handset must be turned off when you are on the plane.

The interference of mobile will influence the flight. It is illegal to use mobile on phone, please power it off.



The handset must be turned off when you are in blowing-up area.

When you are at a blowing-up area or near it, please abide by the relevant laws and power your mobile off.



The handset must be turned off when you are near a danger product.

Please do not use mobile when you are near gas station or chemical plant.



The handset must be turned off when you are in a hospital.

You have to abide by the relevant regulations of hospital and turn your handset off when you are near medical equipment. Any wireless transmission device, including mobile, will interfere those equipment not

fully-protected.



#### Interference

All the mobile handset may be interfered by the radio and reduce the performance of the handset.



#### Professional service

Only the professional can setup or maintain the handset. Improper installation or maintenance would bring out great danger, it also disobey regulations of maintenance guarantee.



#### Accessory and battery

Only the appointed accessory and battery can be used. It is suggested that you return the used battery to the factory or put it in the appointed recycle zone. Do not put it together with other rubbish or discard it.



#### Reasonable use


Please use the handset in reasonable way. It is prohibited to put your handset in high temperature (over 60°C), such as beside the window where there is sunshine. Please use wet or antistatic cloth to clean the handset. Do not use dry or static cloth to clean it. Your handset is not waterproof, please keep it dry.



#### Emergency call

Please make sure the handset is powered on so that it can dial the emergency call. In idle mode, the handset can dial emergency numbers, such as 112 and 911. Press dial key to dial it, report your location and the

situation briefly. Do not end the call without permission.

 Note: this handset, like any other one, may not support all the features because of the network coverage and wireless transmission. Some network even can not support 112. So do not rely totally on your handset about some significant calling (like medical aid). Please refer to the local operator.

## 2 Start to use

Please read the following section carefully before using the handset. It will instruct you how to insert and unlock the SIM card, how to setup and maintain the handset, how to charge the battery, and also the information about digital GSM network.

### 2.1 Battery installation

Please charge the battery after it has been completely used up, and use it after it has been completely charged. Three times later, the battery will be in best status.

#### 2.1.1 Installing and discharging of the battery

Pull the cover to take out the battery, and put it inside then close the cover to install it.

#### 2.1.2 Charge of the battery

- connect the charger with power supply
- connect the charge with handset
- The battery indication on LCD will bicker. If the handset is powered

off when charging, LCD will display “charging”. If you overuse the handset when it is out of battery, LCD will display “charging” a while after you begin to charge it.

- When the battery indication is full and stops bickering, it means the handset has been completely charged. If the handset is charged when power off, the indication will also be displayed on LCD. It will take 2 to 3 hours to charge, the battery, the handset and the charger will get warm during the charging time.
- Please disconnect the jacket and charger after finishing charging.
- The handset can be normally used when it is charging.

Warning: the handset must be put in a ventilated place where the temperature is  $-40^{\circ}\text{C}$ — $+55^{\circ}\text{C}$ . And you must use the charger supplied by the factory. It is dangerous not to use the appointed charger, and it will break the guarantee terms of the handset.

### 2.1.3 Use of the battery

When the handset is powered off automatically or when there is low battery indication, you should charge it in time. If the battery is not run out of energy before charging, the handset will adjust and reduce the time of charging.

The idle time and talk time of the handset specified by the factory is based on the perfect working environment. Actually, the working time of the battery will vary with the network status, work environment and the way of usage.

## 2.2 Connecting to network

### 2.2.1 SIM card

The phone supports one SIM cards. SIM card is the key for you to enter the digital GSM network. Please insert the useful SIM card before using the phone.

All information about the network connecting and your calling record will be saved in the SIM card, and also the list of your phonebook and messages. You can take it out and insert to any other GSM handset.

You should avoid touching the metal area of the card, and put it far away from the magnetic area. Once it is damaged, you can not enter the GSM network.

### 2.2.2 Insert and take out the SIM card

Normally, SIM is put in a card ; please take it out carefully before installing.

Power off the handset, discharge the battery or other power supply.

Insert the card, the metal face being downward.

When you need to take out the card, please turn off the handset and discharge the battery first.

Warning: forbid to take out the SIM card when the handset is powered on. It is definitely prohibitive to insert or take out SIM card when the handset is connected to external power supply, or SIM card may be damaged.

### 2.2.3 Connecting to network

After unlocking the SIM card, the handset will search the registered

network or other available network. Once connected, the name of network supplier will show in the middle of the LCD. At this time, your handset is in idle mode.

Note: if it prompts “emergency call only” on LCD, it means you are out of service. But you can still make emergency calls according to the signal strength.

### 3 Operation manual

#### 3.1 Power on/off

##### 3.1.1 Power on

Long press the power key to turn on the handset.

If there is prompt “insert the SIM card”, please power it off and check the SIM card.

When the handset is powered on and indicate you to input the handset password or the PIN code, you have to input it correctly. If you do not know the PIN code yet, please contact with the network supplier. The default password is 1122.

##### 3.1.2 Power off

Long press the power key to turn off the handset. The handset is power off after displaying the flash on LCD.

#### 3.2 Flashlight

Flashlight: In the Idle status, long press the MP3 key to turn on or off the light.



### 3.3 Emergency calls

If your handset is under the cover of the network, wherever using the GSM network, you can make emergency calls. if you have no roaming service in the area, LCD will display “emergency calls only”. As long as you are under the cover, you can make those calls even without SIM card.

### 3.4 Auto response

After inserting the headset and setting the auto-answer on, it will auto answer after 2 seconds.

## 4 Phonebook

You can choose the following functions in the phonebook:

- Quick search: you can search the linkman by inputting the initial letter.
- Search contact: you can search the linkman by the name.
- Add new contact: you can add new entry to the SIM or the handset. There is a little difference on the saving format.
- Copy all: copy all the linkmen from SIM to handset or from handset to SIM.
- Delete: you can delete all the record on SIM or the handset, or you can delete them one by one.
- Caller groups: there are 5 groups. You can set the name, ring, picture, and members.
- Settings: Viewing memory status in both phone and SIM card, select preferred storage to either phone or SIM, setting the phonebook

format and also Edit or Send My vCard.

## 5 Messages

### 5.1 SMS

#### 5.1.1 Inbox

You can check the messages you have received in the inbox and reply, delete, edit, forward, copy or move to SIM or phone memory, delete all, copy all, move all, use the number (dial out or save), and so on. If the inbox has no message, there will be a prompt “empty”.

#### 5.1.2 Outbox

You can check the messages you have saved in the outbox which is already sent or unsent and edit, delete, copy them to phone/SIM, move to phone/SIM, delete all, copy all, move all, use number, and so on.

#### 5.1.3 Write message

To write a message, you can follow the instructions:

- Press # key to switch the input methods.

Editing a message, choose “options” to go to the following options: done, Use templates, insert object, format text, insert number, insert name and input method.

After editing the message, you can send, save and send, save, send

to many or send by group.

#### 5.1.4 Templates


Template has a list of frequently used words for quick reply.

#### 5.1.5 SMS settings

You have to make some basic settings before using the message function.

There are the following options:

- Profile setting: set a suitable format for messages. After entering a single format, you can set the file name; SMS center number, validity period and sending format.
- Common setting: whether to set message report or not
- Memory status: the memory status of the SIM card or the handset.
- Preferred storage: SIM card or the handset
- Pref.connection: Prefer GPRS or Prefer GSM or GSM only.

 Note: this function needs the support of network operator.

#### 5.2 Voice mail server


The voice mails you received are saved in network. You have to dial the number of the mail box if you want to listen to it.

- Edit: you can add or edit the name and number of the mail box.

- Call voice mail: dial the number and listen to the voice mail

### 5.3 Broadcast Message

- Receive Mode: open or close the function
- Read message: read the information you customized
- Languages: the language of the broadcasting
- Channel setting: set the band of the broadcasting, you can choose, add, edit or delete it.


 Note: the functions of info service and voice mail are both supplied by the operator, please contact with your operator.

## 6 Call center

In main menu, choose call center icon to go to call register interface.

### 6.1 Call history

- Missed calls: choose any missed call and view the details as date, time, number, times and call end duration.
- Dialed calls: the same as missed calls
- Received calls: the same as missed calls
- Delete call logs: You can either delete all call records or separated delete the missed, the dialed and the received.
- Call timers: There are four submenus of the call timers
  - ✧ Last call: the duration of last call

- ✧ Dialed calls: Call duration for all the dialed calls
  - ✧ Received calls: Call duration for all the received calls
  - ✧ Reset all time: Clear the data
  - Call cost: For you to check call cost.
    - ✧ Last call cost: the cost of last call
    - ✧ Total cost: The cost for all calls
    - ✧ Reset cost: Clear the data: input the PIN2 code, you can clear the data
    - ✧ Max cost: you can view, change or cancel this function. Change or cancel this function needs PIN2 code
    - ✧ Price and unit: you can browse, change or cancel this function. Change or cancel this function needs PIN2 code
  - SMS counter:
    - ✧ Sent: the total number of the messages sent.
    - ✧ Received: the total number of the messages received, and confirm whether or not you need to clear the list
-  Note: some of the functions need PIN2 code. Please contact with the operator to get the code.

## 6.2 General Call settings

- Caller ID
  - ✧ Set by network: whether to send the number
  - ✧ Hide ID: the number will not be displayed when dialing

✧ Send ID: the number will be displayed when dialing

- Call waiting: open or close this function
- Call divert: activate or deactivate, or enquiry the status from network.
- Call barring: limit the calls activate or deactivate, or enquiry the status from network.
- Black list: you will be Undisturbed when the number in black list calling.
- Auto redial: when you set this function, each time you fail to get through, it will redial automatically.
- Speed dial: On/Off to enable or disable Speed Dial if long pressing the dedicated key 2 to 9.
- IP dial: Phone supports up to 4 IP numbers, if dialing, you may use one of them to make call via IP network, in order to save money (need the support of operator)
- More
  - Call time display: whether or not display the call duration.
  - Call time reminder: you can choose off single or Periodic.
  - Auto quick end: you can set the call duration at any time between 1 to 9999 seconds. calling will be end in the Specified time.
  - Line switch: line switch form 1 to 2. The default is line 1.
  - Close user group: select the group list you want to close

Note: if choosing line 2, whether you can make calls depend on the operator.

## 7 Settings

### 7.1 Phone setup

- Time and date

Set home city: choose time zone

Set time/date: set the current time and date

Set format: 12or24 restrict; Date format; Date separator.

- Schedule power on/off: you can set 4 different times on or off.
- Language: to choose a language for your headset
- Pref.Input method: choose a default input method
- Display characteristic on idle interface:
- Phone Style Setting: Press Key Vibrate on/off.
- Greeting text: choose whether to display the greeting note when powering on.
- Auto update of date and time: choose whether to update the time automatically.
- Flight mode: you can choose Normal mode、Flight mode or Query when power on.
- Misc. settings: set the brightness and time of LCD backlight.

### 7.2 Network setup

- Network selection

New search

Select network:

Selection mode.

- Preferential networks: save some preferential network

### 7.3 Security setup

- SIM Lock On/Off .You can use PIN code to lock SIM card.

And the code can be changed or disabled

Note: if you input the PIN code wrongly for three times, the SIM code will be locked. The default code is 1234, please change it to your personal code as soon as possible.

- Phone lock

You can lock the handset to avoid being illegally used.

Note: The default password is 1122; please change it to your personal password as soon as possible.

- Auto keypad lock

Set the waiting time for locking keypad. After setting, the keypad will be locked automatically

- Fixed dial

Format: open/close this function (PIN2 code is needed).

The list: input the numbers.

Note: to open/close this function, the PIN2 code is needed. Please contact with your operator to get it.

- Barred dial: set the numbers you can not dial.
- Change password: including PIN, PIN2 code and the password of the handset lock.

Note: some functions need the support of the operator.



## 7.4 Restore factory settings

Input the password of the handset lock, you can set the parameter to factory default.

Note: The default password is 1122;

7.5 Shortcuts: There are 10 default shortcut menus. You can choose one and doing the following operations:

Add: add shortcut menu

Edit: edit shortcut menu

Delete: delete shortcut menu

Delete all: delete all shortcut menus

Disable: close/open the shortcut menu

Change order: edit the order of the shortcut

## 7.6 Flashlight

You can press on/off turn on or off the flashlight. In idle status, long press the MP3 key to turn on or off the light.

# 8 Multimedia

## 8.1 Video player

After entering the film list, you can:

- Select the file by up/down key, then you press options to go to the

interface: play, send, rename, delete, delete all files, sort by or storage.

During video playing, you can adjust the speed by left/right key, and to pause/continue by OK key.

## 8.2 Audio player

After choosing music settings, there are the following operations:

- List: choose the music in phone or memory card.
- Auto creating list: you can choose to open or close this function.
- Repeat: you can repeat playing. There are 3 options: close, single repeat, all repeat.
- Shuffle: set the playing order. You can choose to open or close this function.
- Background play: choose this function; you can play the music when in other operations. (Except mute operation, camera operation and record operation.)
- Lyrics display: if on , the lyrics will display on the screen as the song is playing. The file must be .lrc format and has the same name with the song.

Note: the player only put the music in My Music to the list.

Warning: please adjust the volume suitably, to avoid hurting the listening.

### 8.3 Sound recorder

There are the following options of record:

- Record: make a new record.
- Play: play the chosen record.
- Append: add new content to the record. (don't support WAV format)
- Rename: rename the file
- Delete; delete the file
- Delete all files: delete all files
- Settings: set the saving place and record format.
- Use: To User profiles.

Note: please take photos, shooting and record legally.

### 8.4 FM radio

- Channel list: After setting 9 channels, you can switch among them by pressing the numeric key.
- Manual input: input the channel you want
- Preset auto search: Auto search the channels and set them as a list.
- Settings: To set about background, Loud speaker.

## 9 File manager

Insert Memory card, then you can view this Menu. If the phone has no memory card, there will be a prompt “empty”.

- Open: open an appointed file
- New folder: add a new file folder.
- Format: format the file.

Note : you will lose all the information after formatting. Pressing the folder, there are following operations: Some folders are hidden. To show them, you'll have to save it to root directory of the handset with a right format, and move them to a corresponding folder.

## 10 User profiles

The handset supplies five modes: general mode, meeting mode, outdoor mode, indoor mode, Headset mode.

### 10.1 General

You can operate on each mode.

- Activate : activate general mode
- Customize :
  - Tone setup: set incoming call tone, Power on/off tone, message tone and keypad tone;
  - Volume: 1~7 volume levels for ring and key tone

➤ Alert type: ring only, vibration only, ring and vibration, ring then vibration

➤ Ring type: single, repeat and ascending

➤ Extra tone :

Warning: a tone will sound when there is warning

Error: a tone will sound there is error

Camp on: when the handset is searching the network, a tone means it has been connected successfully.

Connect: a tone will be sound when the call gets through

➤ Answer mode: Any key answer: whether to press any key to answer(except dial key and power key) ; Auto answer: when selecting this function, 2 seconds after the ring begin, the handset will auto answer

## 10.2 Meeting mode

The same to the general mode

## 10.3 Outdoor mode

The same to the general mode

## 10.4 Indoor mode

The same to the general mode

## 10.5 Headset mode

It will enter headset mode when you insert the headset.

Note : on standby mode, long press # to make silence mode on or off

## 11 Organizer

### 11.1 Calendar

- View tasks: Check or edit the memo of the date. Refer to memo for details.
- Add task : add new schedule
- Jump to date: skip to the appointed date to check or edit the memo.
- Go to weekly view : display it weekly

### 11.2 To do

you can check all the memo saved and then edit them as follows:

- View : view the selected memo details
- Add : add a new memo
- Edit : edit the memo
- Delete : delete the memo
- Delete all : delete all memos
- Send vCalendar: send the memo out through a SMS, save it to the folder.

### 11.3 Alarm

There are 5 alarm clocks for you to choose.

- Open/close
- Alarm time
- Alarm periods: one time, every day, one day or several days in a week.

You can select by up/down key.

- Alarm tone: set the alarm alert with tones or FM radio.
- Snooze: choose from 1 to 10 minutes.
- Alert type : ring, vibration, ring and vibration

Press right functional key to complete.

Note: when an alarm begins to ring, if there is no operation or you choose sleepy time mode, the alarm will ring again after 4 minutes (default). 3 times after that, the alarm will close automatically.

### 11.4 Calculator

There is calculator in the handset, and you can operate it by keypad.

The operation is as follows:

- Input the first number: when 0 is displayed on LCD, input the first number.
- Input the counting symbol and then the second number. Choose +, -, \*, /, = by press the up, down, left, right key
- Press the equal mark, and come out the result.
- Keeping calculating: You can use the result to keep calculating.

- Clear: press right functional key. The content cleared is decided by the inputting status. If the result is already there, then 0 is displayed on LCD

If you are inputting number or symbols, only the current number or symbol is cleared.

## 12 E-book reader

You can operate on the electronic books:

- OPEN: you can open and read the book
- Clear up bookshelf: arrange the book on the folder
- Global settings: Font style, size, scroll, auto scroll, scrolling speed, full screen, Encoding, Alignment and Select storage
- Book info: you can check the file header, size and form of the electronic book
- Delete: you can delete the electronic book
- Delete all files: delete all the electronic books in the directory.
- Sort by: sorting the electronic book, according the name, form, time and size.
- Apply global settings: E-book set will be set up by the Apply global settings
- Help: help you to know how to use shortcut operation.



## FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: HKM650(FCC ID: X77HKM650) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.87W/kg and when properly worn on the body is 0.84W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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 radio/TV technician for help.