

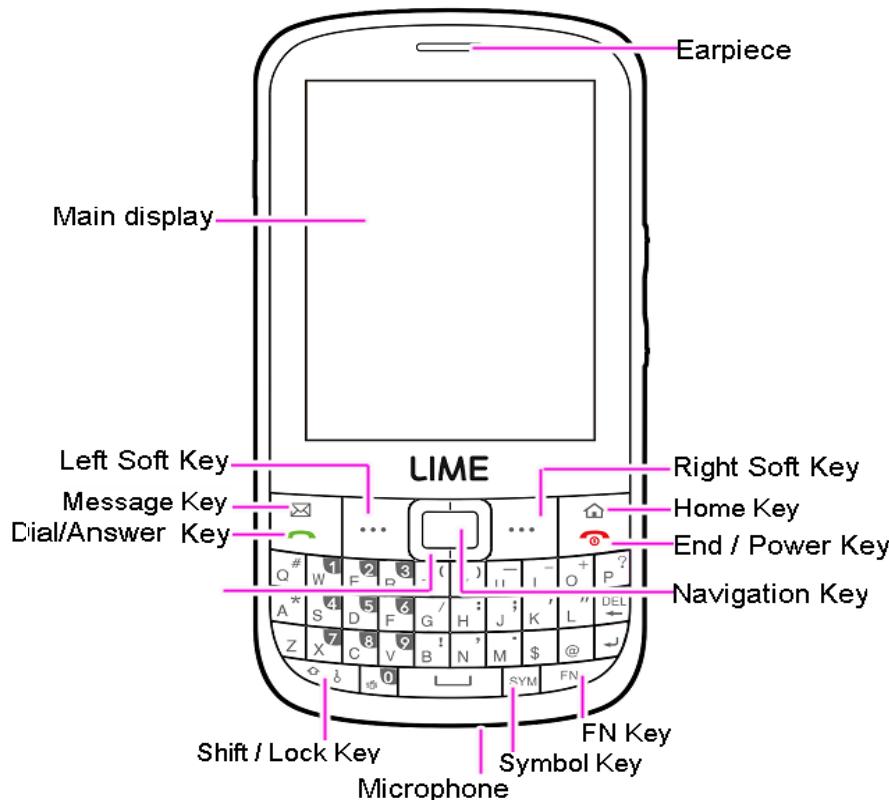
# **QTV1247 User Manual**

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## Your Phone



### Left/Right soft Key

- Press to perform the function currently displayed in the bottom left/right corner of the screen.

### Navigation Key

- In the standby mode, Navigation Key UP to access the Audio player
- In the standby mode, Navigation Key DOWN to access the baidu search
- Press the Navigation Key Left to access the User profiles
- Press the Navigation Key Right to access the Tone settings.

### OK Key

- In the standby mode, press to enter the main menu.
- Confirm a selection.

### Dial/Answer Key

- Press to make a call.
- Press to answer a call.
- In idle mode, press to display call list

### End/ Power Key

- Press to end a call.
- Press and hold to power on/ off the phone.

### Volume Side Keys

- Press to increase or decrease the volume.

## Standby mode

In the main display, you may see several icons displayed on your status bar. The meaning for each icon is explained below:

	Vertical bars indicate the signal strength of the GSM network signal.
	Indicates the battery charge level.
	Indicates your phone is locked.
	Indicates your phone uses the alert type of "Ring".
	Indicates your phone uses the alert type of "Vibrate and ring".
	Indicates your phone uses the alert type of "Vibrate Only".
	Indicates your phone uses the alert type of "Vibrate then ring".
	Indicates your phone uses the headsets profile settings.
	Indicates the alarm clock is set.
	Indicates a missed call.
	Indicates new text message(s).
	Indicates new multimedia message(s).
	Indicates new voice mail message(s).
	Indicates WAP push messages.
	Indicates your phone has logged onto GPRS.

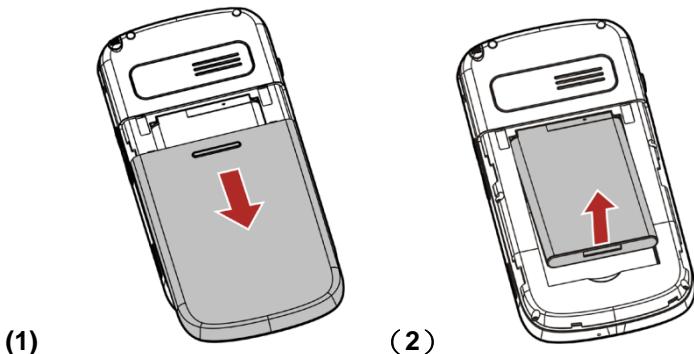
## Getting started

### Installing the SIM card and the battery

You need to insert the SIM card and charge the battery before using the phone.

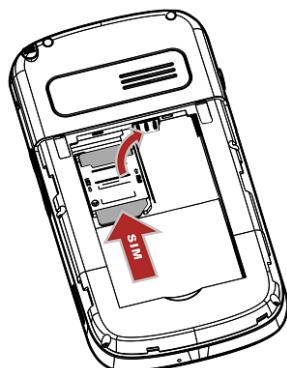
- Keep all miniature SIM cards out of the reach of little children.
- Be careful to handle, insert or remove the SIM card since the SIM card and the contacts inside can easily be damaged by scratching or bending.
- Before installing/removing the SIM card, always make sure that the phone is switched off.

### 1. Remove the back cover (1) and lift the battery away (2).

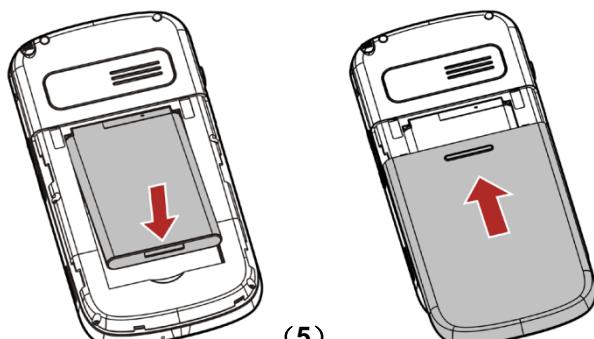


**2. Insert the SIM card (3), install the battery (4) and attach the battery cover as shown (5).**

(3)



(4)



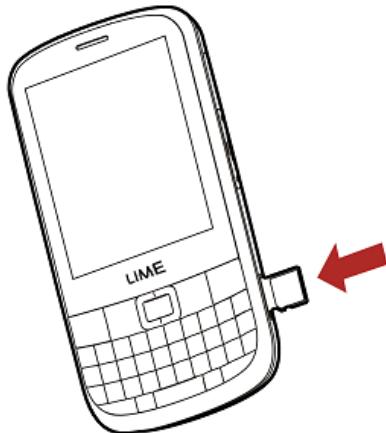
(5)

(6)

Note: make sure that the metallic contacts of the battery are facing the metallic contacts in the battery slot.

### Installing a microSD Card

1. The microSD card slot is on the right side of your phone.
2. With the metal contacts facing to the metal contacts in the slot, gently slide the SD card into the slot and press down until the card locks into place (6).  
Note: the metal contacts are facing front.
3. If you want to get the microSD card out, gently press the microSD card, then you can remove it from your phone.



## Charging the battery

You must fully charge the battery before using your phone for the first time.

1. Connect Charger cable to the micro charger port on the left of your phone.
2. Connect charger to an AC wall outlet.

When all the battery scroll bars are steady, the battery is fully charged. Then you can disconnect the charger.

## Switching the phone on and off

- Press and hold the Power Key.

### Notes:

1. You can also use the phone without SIM card. If the phone asks PIN code, key in the PIN code, and press the Left Soft Key (LSK) to confirm.
2. Do not switch the phone on when the phone use is prohibited or when it may cause interference or danger.

## Call Functions

This section gives you information about the calling service supported in your phone.

### Making a call

In standby mode, key in the number, including the area code, and press the Dial Key.

### To make a call from the Phonebook

In the standby mode, press the **Left soft key** to enter the main menu, and then select **Phonebook**. Scroll to the desired contact name or type the name in the search bar, and then press the Dial Key to make the call.

### To make an international call

1. For international calls, enter the international prefix (Press the \* Key twice quickly until "+" appears on the screen).
2. Key in the country code, area code and the phone number.
3. Press the Dial key to call.

### Answering or rejecting an incoming call

- Press the Answer key to answer the call when the phone rings.
- To reject an incoming call, press the End key to reject the call.

### Call Waiting

If you want to answer another incoming call, you should activate the call waiting function for the SIM at first.

During a call, press the Answer key to answer the new incoming call. You can swap back anytime by pressing the Left Soft Key (LSK) and select **Swap**.

## Input Method

You can key in text by pressing the keypad.

### To select an input method

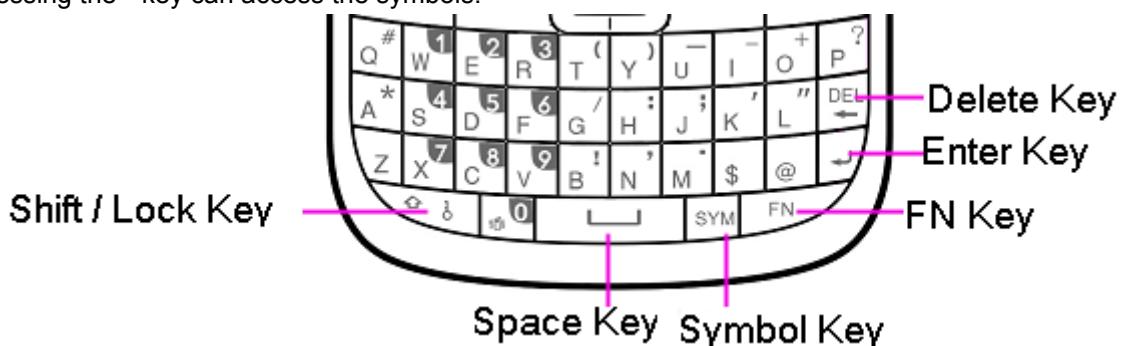
Before you key in text, press **Options** and select **Input Method**.

### To insert a space

You could press the **Space** key to insert spaces.

### To insert the symbols

Pressing the \* key can access the symbols.



### Multi-tap Input

Using this mode requires you to press a key as many times as needed to enter the desired letter.

To enter the word «home» in Multi-tap input mode “abc”, press key 4(GHI), 4 (GHI), 6(MNO), 6(MNO), 6(MNO), 3(DEF), 3 (DEF).

### Numeric Input

Press the # Key to select "123" then you can enter the numbers.

## File Manager

In this menu, you can manage images, audio, music, photos, videos and other contents you have downloaded. Two storages will be displayed:

### To check files saved in the File Manager

1. From the main menu, select **File Manager**. You may see one more drive named **Memory Card** if you insert the T-Flash card in.
2. Scroll to the menu to **Phone** and press **Options** to open options list.
3. When you choose **Open**, you will see a list of the folders. Note, some folder, such as **My Music** may be hidden until you enter the menu of **Music Player**.

## Phonebook

Your phonebook list is saved either on the SIM card's memory or Phone's memory. You can also choose to list both.

### Search

In standby mode, press the **Left Soft** key to enter the main menu, and then select **Phonebook**.

Now you can search names and numbers saved in the **Phonebook**

Key in full name or first character of contact person's name and the phonebook list will automatically jump to the character you have entered, or the matched contact will be displayed.

### Add New Contact

Allows you create a new entry into the phonebook list. It will be saved either in phone memory or SIM card.

#### To add a new contact

1. In **Phonebook** menu, select **Add New Contacts**, press **Left Soft** key to choose **Options > Select**, and then enter the contact information.
2. Press **Options > Done** to save the new contact.

Note, If you want to change the storage location, please select **Options > Phonebook Settings > Preferred Storage**.



#### Notes:

1. Your phone allows you to save 1,000 entries of phone numbers.
2. Image and video can be selected from both default and file manager.

## Caller Groups

In standby mode, press the **Left Soft key** to enter the main menu, and then select **Phonebook**, press **Left Soft Key** to select **Options > Caller groups**.

There are five default caller groups on the phone. You can edit each group's name. With the caller group function, you can send a message to all members of a group at the same time.

## Phonebook Settings

To access the **Phonebook Settings**, in standby mode, press the **Left Soft** key to enter the main menu, and then select **Phonebook**, press **Left Soft** key to select **Options**, and then select **Phonebook Settings**

Your phone provides you various setting options to personalize your phone, including,

- **Preferred Storage:** You can choose your preferred storage in phone, SIM or both.
- **Speed dial:** If you assign the number to one of the speed dialing keys (from the key 2 to key 9) saved in the **Phonebook List**, you can dial the phone number by pressing and holding the number of the key assigned in standby mode. First, you should turn this feature on, and then set the number by associating with a contact.
- **My Number:** Allows you to define number or name.
- **vCard version:** Allows you set the vCard version.
- **Extra numbers:** Allows you to view owner number, fixed dial number (FDN), Service numbers and SOS

numbers, some SIM card cannot support it.

- **Memory Status:** You can check how many entries are stored in the SIM card or the phone's memory.
- **Copy contacts:** Allows you to copy the contacts among two storages.
- **Move contacts:** Allows you to move the contacts among two storages.
- **Delete all contacts:** Allows you to delete the contacts from the phone or SIM.

## Fun & Games

This phone is built with creative games.

You can get the game instructions from the "Help" submenu.

## Call center

Your phone can save the call records of missed calls, received calls, dialed calls, durations and cost of calls in the **Call History** menu.

### Notes:

1. Once the call list exceeds the memory limitation, the oldest one is deleted.
2. For the call logs, you can press the Dial key in standby mode to have a quick review.

## Call history

### Missed Calls

**To view Missed Calls:**

In the **Call Center** menu, choose **Call History > Missed Calls**, and press the **Navigation Key** to view the records.

### Dialed Calls

**To view Dialed Calls:**

In the **Call Center** menu, choose **Call history > Dialed Calls**, and press the **Navigation Key** to view the records.

### Received Calls

**To view Received Calls:**

In the **Call Center** menu, choose **Call History > Received Calls**, and press the **Navigation Key** to view the records.

### Delete Call Logs

Your phone allows you to delete calls from the Missed Calls list, Dialed Calls list, Received Calls list, or All Calls lists.

### Call timers

Your phone allows you to view the duration of both your incoming and outgoing calls.

### Call Cost

This function allows you to check the cost of your last phone call, or the total cost of all calls made. Some SIM card cannot support this function.

### **Text Message Counter**

This function allows you to check the numbers of text messages you've sent. You can press **Reset** to reset the message counter.

In **Call center** menu, choose **Call history > Text Msg Counter** to view the records.

The following items are available for the Text Message Counter:

- **Sent:** The number of Text messages you've sent.
- **Received:** The number of text messages you've received.

### **GPRS Counter**

This function allows you to check the data size (both message and WAP) of the GPRS packet you've used.

In the **Call Center** menu, choose **Call History > GPRS Counter** to view the content.

The following options are available for the GPRS counter:

- **Last Sent:** The GPRS volume that you sent last time.
- **Last Received:** The GPRS volume that you received last time.
- **All Sent:** The total GPRS volume that you've sent.
- **All Received:** The total GPRS volume that you've received.
- **Reset Counter:** Press to reset the counters.

## **Call Settings**

- **Caller ID:** Allows you to either send or hide your ID during calling or sending out the message. Your phone is defaulted in **Set By Network**, which means your ID is determined by your service provider.
- **Call Waiting:** Allows you to enable the call waiting function.
- **Call Divert:** Allows you to set the call condition by which the calls are diverted to another number.
- **Call Barring:** Allows you to restrict both incoming calls and outgoing calls from your phone.
- **Closed User Group:** This is a network service.

## **Advance Settings**

- **Blacklist:** Allows you to filter and block incoming calls for certain contacts you defined.
- **Auto Redial:** If turned on, your phone will make repeated attempts to connect the call after an unsuccessful call attempt.
- **IP Dial(Network dependent):** Preset the IP special service number, when you select IP dial, the mobile phone will automatically add the IP special service number preset by you in front of the phone number and then make IP dial.
- **Background sound:** Allows you to set the background sound when you make a call.
- **Call Time Display:** Allows you to enable or disable the call time display on the phone screen.
- **Call Time Reminder:** Allows you to set a time reminder alarm during a call.
- **Auto Quick End:** Allows you to set the time when the call will be ended automatically.

- **Reject By Message:** Allows you to set it on or off. If it is on, you can reject a call by sending a message when a call is incoming.

## Message center

Your phone supports voice mail notification messages and text messages. Voice mails, short message service (text messages) and multimedia message (MMS) are network service. Please check your service provider for further details on the fees.

### Writing a Message

#### To write a message:

1. From the main menu, select **Message center**.
2. Choose **Write Message > Text Message / Multimedia Message**.
3. In multimedia message content, you are able to add a picture, sound, video, and/or an attachment into your message.
4. After you're finished, select **Options** and then **Send To**.
5. Add the recipient by inputting the number manually or searching them in the phonebook.
6. Finally, select **Options** and select the **Send** option to send the message.

#### Notes:

1. To key in the content, please refer to "**Input Method**".
2. To use the multimedia message function, your network operator or service provider support is necessary. Only phones equipped with this function can receive and display multimedia messages.

## Inbox

Your phone saves the text messages and multimedia messages (MMS) that have been received in the **Inbox** folder.

### To Read Messages

When you've received a message, icons will indicate that this is a message is from a SIM card or another phone in the **Inbox**. If your inbox is full since the messages you have received are saved in SIM as default setting, your message will be saved on the phone instead of the SIM card. If the phone's inbox is full also, there will be a pop-up window to remind you that your inbox is full and cannot accept any new messages.

1. From the main menu, select **Message center**.
2. Then select **Inbox**. All received messages are listed in this folder.

## Drafts

Your phone saves the saved messages in the **Draft** folder.

## Outbox

Your phone saves the messages that unsent in the **Outbox** folder.

## Sent Messages

Your phone saves the messages sent successfully in the **Sent Messages** folder.

## Delete Messages

You are able to delete all of the messages in a folder, or even the total messages at once.

## Chat

Your phone allows you to chat on-line, real-time with your friends and family using instant messaging. The phone offers you Chat Room1 and Chat Room2 for online conversation.

Before chatting, you need to do the following steps:

1. From the main menu, select **Message center** and press **OK**.
2. Select **Chat** and press **OK**.
3. Select **Chat Room1** or **Chat Room2** and press **Options**.
4. Select **Chat Room Info** and press **OK**.
5. Create a nickname by pressing **Edit**. After you finish inputting your nickname, press **Options**.
6. Press **Done** and select **Remote Number**.
7. Press **Search** and select a contact from the phone book. Press **OK**.
8. Select **Yes** to save **Chat Room Info**.
9. Select **Start New**, and choose a SIM card to start chatting.
10. Enter a message and press **Options**.
11. Select **Send** and press **OK**.
12. After sending the message, the Chat room is activated.

## Email

### To create an account

1. First, you must create the data account. In idle mode, press the **Left Soft key** to access the main menu, and then select **Settings > Connectivity > Data account > GPRS**. This is where you can input the APN.
2. Go back to idle mode by pressing the **Power Key**. Select **Menu > Message center > Email > Email accounts**.
3. Select **Options > New account** to add a new email account, follow the steps which prompt you to go ahead.
4. After you have finished, your phone will save the new account automatically.
5. Choose one of your favorite accounts, Select **Options > Activate** to activate the selected account.

### To write an email

1. In idle mode, press the **Left Soft key** to access the main menu, and then select **Message center > Email > Write Email**.
2. Add the Email address in the fields of To, Cc, and Bcc of where you would like the message sent.
3. Scroll to the subject field, enter the subject by selecting **Edit**, attach the files, set priority, and edit the email content.
4. When you have finished, select **Done**. A popup screen will indicate the mail size.
5. Select **OK** to send, send and save, save to drafts, or quit without saving.

## Gmail

1. In the main menu, select **Message center >Email**.
2. Select E-mail Accounts, then select **options > New account** to create new account.
3. Select "Yes" to the message of creating new account.
4. Enter the email address (your full email address is like sunnombre@gmail.com) and select **options > Next**.
5. In the protocol window, Select POP3 /IMAP4, then select **Options > Next**
6. Press **Options >Select**, select an appropriate Data account, then select **Options > Next**
7. Enter your incoming server, click next to enter Outgoing server.
8. Enter user name
9. Enter password, then Enter the name you give to your email account and select Options >Done.

Once the configuration email account folder is listed in the Email accounts. Select the Gmail account and press options.

9. Select Edit, then select Advance settings, select Outgoing Server and add the following settings

Example:

- a. Authentication: On
- b. Security: SSL/TLS

10. Select Incoming Mail and add the settings payable are:

Example:

- a. Security: SSL/TLS

Troubleshooting:

When you send a new email at the first time, there is a certificate error, The error occurs because the security certificate of the mail server electronic Gmail, not installed or Expired.

1. Press the option key, select the option 1: Install
2. Enter the security certificate name
3. Select Done.

**Note:** If you sent email through Gmail, you have to install the certificate, please contact your Gmail operator for more information.

## Broadcast Message

Your phone allows you to receive commercial messages. You can either enable or disable the receiving mode and set some other settings based on your personal preference.

## Templates

There are several default text message and MMS templates in your phone.

## Message Settings

Your phone allows you to set up default settings in the text message and MMS features.

1. Go to **Message center** and choose **Message Settings**.
2. Then select **Text Message** or **Multimedia Message** to change the settings.
3. Choose the field you would like to change.

You can customize your text message with the following options:

- **Profile Settings:** If more than one message profile is allowed by your SIM, you may edit the profiles separately.
- **Voice Mail Server:** Your phone allows you to access your voice mailbox quickly if your operator supports this function. Your voice mail number will be provided by your service provider and displayed in the phone. In the **Standby** mode, press and hold the 1 key to call your voice mail directly.
- **Common Settings:** If **Delivery Report** is on, the network will send delivery reports on your messages. If **Reply Path** is on, you'll transmit the number of your text message center together with the message. The recipients can then reply using your text message center, and not theirs. This can speed up the rate of transmission of the message. This feature is subscription dependent. If **Save Sent Message** is turned on, the successfully sent messages will be saved in **Sent** box.
- **Memory Status:** Allows you check your memory status in either the phone, or the SIM card.
- **Preferred Storage:** Allows you to change your preferred storage to either your SIM, or the phone.
- **Preferred Connection:** Allows you to set your preferred connection.

MMS message provide the following options to customize:

**Profiles:** You may receive and send multimedia messages through a certain network or service provider.

To activate a profile setting, select it and then choose **Activate**.

**Common Settings:** see following settings.

- **Compose:** You can compose the format of your phone based on the options listed below:
  - **Slide Time:** Define the time for the delay between each slide.
  - **Creation Mode:** If you select **Restricted**, the device prevents you from sending messages that may not be supported. To include content in your message without notifications, select **Free**.
  - **Picture Resizing:** Define the size of the image in an MMS.
  - **Auto Signature:** Define whether you want to add a signature at the end of an MMS automatically.
  - **Signature:** Define the signature that you want to be added.
- **Sending:** This setting contains the options, such as priority, delivery report, and so on.
- **Retrieval:** This setting contains the options, such as roaming, read report, and so on.
- **Memory Status:** Allows you check the used and free memory.

 **Note:** You may contact with your network service operator to consult MMS settings.

## Multimedia

### Mobile TV

Your phone is capable of delivering full length analog, broadcasting television programs from some of the most popular TV channels. TV function may only be available in an analog signal coverage region.

#### To start using

1. To open TV, press the **TV** key in idle mode. The system will show program availability in your location. In the first start-up, this may take a few minutes. You can pull out the TV antenna and adjust it for better reception.
2. To select a program, you can press **Options** and choose **Change Channel**.

If it cannot find any program when you open TV, please press **Options** and choose **Auto Search** to search for a signal again. Be sure to check if your country & region is correctly set.

Your phone provides the following selections for your option:

- **Country & Region Setting:** Allows you to choose your current country and region.
- **Auto Search:** Allows you to auto scan the TV channels without having to press the forward or backward key over and over. The station searched will be automatically memorized in the **Channel** list.
- **Change Channel:** Allows you to change a channel by choosing a channel from **Channel** List.
- **Display Mode:** Allows you to watch TV program with **Full screen** or **Normal Screen**.
- **Brightness:** Allows you to adjust the brightness of the screen.
- **Sound Settings:** Allows you to switch 3D Surround and Mute on or off.
- **Add to Favorite:** Allows you to edit your **Favorite Channel** list.
- **TV Recorder:** Allows you to record the current TV program.
- **Storage:** Allows you to choose the storage for recording file.
- **Exit:** Exit from mobile TV mode and return to idle mode

## Shortcut Key Definition

Key	Key Definition
RSK	Go back
LSK	Option
End/ Power Key	Go back to idle screen
*	Mute
Volume Side Keys	Volume Up/Down
Navigation Keys	→ EV Up ↑ Channel Up ↓ Channel Down ← EV Down
OK Key	Change the display mode
Numeric Keys	Jump to Channel

## Camera

You can use this phone to take photos with the phone's built-in camera and adjust its settings. The camera lens is on the back of the phone, and the display of the phone works as a viewfinder. If there's not enough memory for camera, you need to delete old photos to free some spaces for new photos or you can choose to save photos in memory card. The status of your camera setting will be displayed on the top of preview mode.

 **Note:** Do not use this feature when it violates local laws.

### To start using Camera

1. In the main menu, select **Camera** and press **OK**.
2. Press **Left Soft Key** to personalize your camera setting.
3. To zoom screen in or out during the preview mode, press the Navigation Left /Right Key.
4. To take the picture, press the SIM1/SIM2 Call Key.

 **Note:** The photo will be saved in the **Photos** folder in **File Manager** menu. You can also view the picture by selecting photo Album from option list or open **Photos** folder from **File Manager** menu.

### To setup the Camera

1. Press **Left Soft Key** in the preview mode. All options will be displayed in the bottom of screen, and you can adjust the setting through the preview mode directly.
2. Use the Navigation Up/Down Key to select different camera settings and Right/Left Keys to select your preference.

 **Note:** This LED light is for indicating only.

## Image Viewer

All images from photo folders can be reviewed from here and storage is located in either the phone or memory card. You may choose to view your images in **List Style** or **Matrix Style**.

To change the storage, select **Options** and select **Storage**.

## Video Recorder

You can record a video clip through the built-in camera. The status of your video recorder setting will be displayed on the top of the preview mode.

### To start using Video Recorder

1. In **Multimedia** menu, select **Video Recorder** and press **OK**.
2. Press Left Soft Key to personalize your setting; otherwise, you might start video recording by pressing the SIM/SIM2 Call Key.
3. You can also press the Left Soft Key to pause and resume the recording. If you press Right Soft Key to stop recording, the video clip will be saved in the **Video** folder of **File Manager** automatically. After recording, the clip will be saved automatically.
4. You may preview your video clips from **Video Player**.

 **Note:** The video clip will be saved in **Video Player** menu and **Video** folder in **File Manager**. You can also play the video via **Video player** from the option list.

Key Definition	
Right Soft Key	Back / Stop
Left Soft Key	Option and Record/Pause/Resume
SIM1/SIM2 Call Key	Record / Pause / Resume

## Video Player

It stores videos saved from your phone or one's downloaded from your PC.

### Playing A Video:

1. In the **Multimedia** menu, choose **Video Player**, and then select the file you wish to play.
2. After a certain video clip is selected, select **Options > Play**.

## Photo Editor

You can edit the photo and slide show files saved in your phone or memory card. The status of your photo editor setting will be displayed on the top of the preview mode.

Your phone provides the following selections for your option:

- **Photo Artist:** Allows you to edit the image or photo files saved in your phone or memory card.
- **Image Tiles:** Allows you to split images based on the number of segments per image.
- **Slide Show:** Allows you to slide show the files saved in your phone or memory card.

### To start using Photo Artist

1. In **Multimedia** menu, select **Photo Editor** and press **OK**.
2. Select **Photo Artist**, and press **OK**.
3. Select **Select from file**, and press **OK**.

Note: if you want to edit a new photo, please select **Capture from camera**, and then go to step 5 for reference. If you want to resize an image, select **Resize image**.

4. Select **Memory Card or Phone**, and press LSK to open the folders.
5. Select an image file you like to edit, and press **LSK** to start photo editing. Options includes:
  - **Auto Resize:** Allows you to adjust the selected image. In the submenu of **Auto Resize**, you can add icon, add text, and rotate the picture, and so on.
  - **Main LCD clip:** Allows you to select a certain part of the selected image for the full screen display. Use the Navigation Keys to adjust your selection, use the \* or # Key to zoom out or in, after finish, press **OK**.
  - **Manual clip:** Allows you to select a certain part of the selected image for the full screen display. Press the \* Key to choose the clip state, and then press the Navigation Keys to adjust your selection. After finish, press **OK**.
  - **Clip help:** Allows you to review the instructions on how to clip the image described above.

### To start using Slide Show

1. In **Multimedia** menu, select **Photo Editor** and press **OK**.
2. Select **Slide Show**.
3. Select **Memory Card or Phone**, and press LSK to open.
4. Use the Navigation down Key to select a folder you like to play.

## Audio Player

### Key Operation

The keypad operations during music playback are as follows:

Key	Description
The OK Key	Show the play list in <b>File Manager &gt; Phone/Memory card &gt; My Music</b> .
Navigation Key ▲ or ▼	Short press to select the previous song/next song. Press and hold to rewind/fast forward the track during playback.
Navigation Key Up ▲	Press to Start/Pause/Resume music playback.
Navigation Key Down ▼	Press to stop the music playback.
Volume Side Keys	Adjust volume.
Left Soft Key [List]	Show the play list in <b>File Manager &gt; Phone/Memory card &gt; My Music</b> .
Right Soft Key [Back]	Return to previous menu.

### Audio Player Setting Menu

Press Left Soft key **[List]** to list the audio files, and then press the Left Soft key **[Option]** to choose **Settings**. You can set your preferred play list, list auto gen, repeat, shuffle, background play and so on.

**Note:** This menu lists the music file in **File Manager > Phone/Memory Card > My Music**. It supports the audio format of MP3, AMR and WAV.

### Playing Music

If you are a first-time user, select **List > Options > Settings > Player Settings > Pre. Playlist** to set the storage for adding music tracks. Your music player will automatically detect and add all the music tracks into the default play list.

 **Note:** MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson. Supply of this product does not convey a license, nor imply any right to distribute MPEG Layer-3 compliant content created with this product in revenue-generating broadcast systems (terrestrial, satellite, cable and/or other distribution channels), streaming applications (via internet, intranets and/or other networks), other content distribution systems (pay-audio or

audio-on-demand applications and the like), or on physical media (compact discs, digital versatile discs, semiconductor chips, hard drives, memory cards). An independent license for such use is required. For details, please visit <http://mp3licensing.com>.

## AB repeater

This menu lists the audio file in File Manager > Phone/ Memory card > Audio which is the storage you selected. It supports the audio format of AMR.

Press the Navigation Key Up ▲ to start/Pause/Resume the audio file.

Press Navigation Key Down ▼ to stop.

Other operations are similar to audio player.

## Sound Recorder

The **Sound Recorder** is a simple sound-recording tool that provides all of the required functionalities for you to manage voice files.

### To Start Recording

1. In **Multimedia** menu, choose **Sound Recorder**.
2. Select **Options > New record** to start recording.

#### Notes:

1. During recording, you can pause or continue the voice recording anytime by pressing the OK key.
2. After the recording is completed, the voice file is saved as AMR, WAV or AWB format.

## FM Radio

This feature allows you to listen to your favorite FM radio station anytime with frequency ranging from **87.5 MHz** to **108.0 MHz**.

### To Start Using

1. From the main menu, choose **Multimedia > FM Radio**.
2. If FM is off, press the OK key to turn on the FM radio.
3. You can choose to either turn on or off the auto search by pressing the Navigation Up key.
4. Press the Navigation Left or Right key to start searching.

#### Your phone provides the following options for your selection:

- **Channel List:** Allows you to bookmark up to 9 radio stations by entering the channel name and frequency. You can have quick access to 9 radio stations by assigning a station a numeric key. You are allowed to play, delete or edit a selected radio station frequency.
- **Manually Input:** Allows you to key in the radio station frequency manually.
- **Auto Search:** Allows you to auto scan through the radio stations, and the station chosen will be memorized in the **Channel** list.
- **Settings:** Allows you to change the settings of background play, skin, loud speaker, record format, audio quality, or record storage.
- **Record:** Allows you to record your favorite program.

- **Append:** Allows you to resume the file you have recorded and continue to record at the same file.
- **File List:** Allows you to list the radio program you have recorded. You may send the file to your friends.

## **Schedule FM record**

This phone allows you to pre-schedule programs from the radio. You are allowed to record 4 programs according to your personal setting. You can edit following items: to set up the period of pre-scheduling, to set the repeat period, to set up channels by listing or manually inputting the frequency, and to make the record settings.

## **Melody composer**

This menu allows you to compose a new melody; it will be saved as IMY format in File manager.

## **Slide Show**

1. In **Multimedia** menu, select **Slide Show**.
2. Select **Memory Card or Phone**.
3. Select a folder you like to play.

# Organizer

## Calendar

This feature allows you to keep track of your schedule and tasks saved in the calendar. You can also switch on the alarm with the task for reminding.

To make a note and reminder in **Calendar** for the first time:

1. In **Organizer** menu, choose **Calendar**.
2. Select a day in the calendar.
3. Select **Options > View** to view the event. You can also select **Options > Add Event** to add a new event.
4. Choose a type of the event. Input the start and end time of your event, and describe the event contents in **Subject and Details**.
5. After you finish editing the contents of your event, select **Options > Done** to save your description.
7. Choose **Alarm Clock** to turn on or off.
8. Choose **Once/ Everyday/ Custom/ Weekly/ Monthly/ Yearly** in **Repeat**.
9. Then you can edit other information.
10. Press **Done** to save the event.

## Tasks

You can also view, edit or delete the tasks from the options under this feature. For the first-time user, you will need to follow the steps below:

1. Select **Add** in the **Task List**. Then choose the task type.
2. Edit your **Task** by entering date, time, subject, alarm, repeat, and other information.
3. You can choose to turn the alarm on as the reminder.
4. Select **Done** and **Yes** to save your **Tasks** list.

## Alarm

This function allows you to set the alarm to ring at the time specified. The alarm clock works even when the phone is switched off.

1. In the **Organizer** menu, choose **Alarm**.
2. Turn the alarm **ON**, and select **Edit** to set the alarm time.
3. To set the alarm, directly input the hours and minutes using the numeric keys.
4. Choose **Once/Everyday/Custom** in the **Repeat** option for your ring mode.
5. In **Alarm Tone** option, you may customize the alarm tone from different tone selections provided, or from an FM Radio channel. Press the Navigation Left/Right keys to switch between **Tone / FM radio** options.
6. In **Snooze (Min)** option, you may set the alarm as default, or you can set it to snooze from 1 to 10 minutes after the alarm time is up. After the phone alerts you at the set alarm time, you may select **Snooze** to activate the snooze function. If you don't like your phone to alert you the second time, select **Stop** to end the **Snooze** function.

7. In the **Alert Type** option, you may set the alert method on how you would like your phone to remind you. You may select from three options: **Vib. Only**, **Vib. and Ring**, or **Ring Only**.
8. After you finish all the settings above, select **Done** to save the alarm setting.

### When the Alarm Expires:

If the alarm time is reached while the device is powered off, the phone will switch itself on and the alarm will start to alert. If you select **Stop**, the phone asks whether you want to power on the phone, or not. Select **No** to power off the phone, or **Yes** to power on the phone. When the alarm alerts while the phone is powered on, the display flashes the alarm clock image and shows the current time. To turn off the alarm, select **Stop**. To stop the alarm for snooze minutes, select **Snooze**.

## World Clock

You can view the local date and time via selecting the GMT and city. When the cross points out a certain city, it will show the local date and time.

 **Note:** If you want to change the home city, please go to **Settings > Phone Settings > Time and Date > Set Home City**.

## Settings

### Phone Setting

#### Time and Date

This function allows you to set your home city and view/change the time and date settings in your phone. You can also choose to update with time zone.

#### Schedule Power On/Off

You are allowed to schedule the power on and off time for 4 different time settings.

#### Language

This phone allows you to set a language for the display in this phone.

In the **Settings** menu, choose **Phone Settings > Language**.

 **Note:** The option of **Automatic** depends on your service provider and languages supported by your phone. If you select **Automatic**, your phone will auto detect the language supported by your SIM and phone.

#### Display

This feature allows you to personalize your display setting through these following options:

- **Wallpaper:** Allows you to change your wallpaper displayed on the idle screen.
  1. In the **Settings** menu, choose **Phone Settings > Display > Wallpaper**.
  2. Choose **User Defined** and select an image from the **File Manager**.
  3. Or, choose **System** and press **OK**.
- **Screen Saver:** Allows you to play different screen savers. The waiting time after which the screen saver is activated is from 5 sec. to 1 min.

After the above setting is completed, go back to the **Screen Saver** submenu and choose **Select** to enter either **System** or **User Defined** to choose an image as your screen saver.

- **Power On Display:** Allows you to set the power-on animation from the system or the **File Manager**.
- **Power off display:** Allows you to set the power-off animation from the system or the **File Manager**.
- **Main Menu Style:** Press to set the style of main menu to matrix.
- **Calendar idle screen:** If you want to show the calendar in idle mode, set this function on.
- **Show Date and Time:** If turned on, the time and date will be shown in **Standby** mode.
- **Show Owner Number:** If turned on, the owner number will be shown in **Standby** mode.
- **Clock type:** Allows you to choose analog or Digital clock.

## Themes

You can choose the theme that you prefer.

## Greeting Text

This function indicates the message when you power on in the main screen display. You may edit any message for your welcome note.

## Dedicated Key

This function allows you change the features with the Navigation keys.

## Auto Update Of Date and Time

You can set on or off.

## Flight Mode

Select from **Normal** mode, **Flight** mode and **Query** when power is on.

## Misc. Settings

This menu allows you to set the LCD backlight.

## Network Settings

While in this mode, you can search the network, set your preferred network, or change the GPRS connection.

## Security Settings

This function allows you to activate a password to protect your phone against unauthorized use.

Your phone provides the following options for your selection:

- **SIM Lock:** To prevent your SIM card from illegal use, your SIM card is protected by a PIN code. If you set the SIM lock to **On**, you can only use your cellular phone by entering the correct PIN code every time you turn it on. If you enter the wrong PIN code three times, your SIM card will be locked and a PUK code will be required. Contact your service provider for more information.
- **Phone Lock:** You can turn Phone Lock on or off to protect your phone from unauthorized use. If you switch the phone lock on, you need to enter the password to set the request on. The default password is 1122
- **Auto Keypad Lock:** This allows you to lock the phone's keypad to prevent accidental key pressing. In the **Auto Keypad Lock** submenu, select the time and press **OK**
- **Fixed Dial:** Allows you to dial only the numbers in the fixed dial list. To save and edit numbers on the list, you need the PIN2 code.

- **Barred Dial:** Allows you to switch on or off restricted call function. However, you need to check if your SIM supports this function.
- **Change password:** Allows you to change PIN, PIN2 and phone lock password.
- **Certificate manager:** Select to view, delete, or set the key usage

## Connectivity

### Bluetooth (BT)

Your phone is designed to be compliant with Bluetooth technology. Bluetooth technology enables wireless connections between electronic devices. The Bluetooth connection can be used to listen to stereo music, send images, video, texts and vCards.

#### To start using Bluetooth technology

Your Bluetooth connection needs to be configured prior to operation. Your phone provides the following options:

- **Power**
- **Inquiry audio device**
- **Remote control**
- **My device**
- **Active devices**
- **Settings**
- **About**

#### Power

1. In **Settings > Connectivity**.
2. Select **Bluetooth**.
3. Select **Power** to switch on/off the Bluetooth connectivity.

#### Inquiry Audio Device

To pair with BT audio device, follow the steps below:

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
2. You will have to power on the Bluetooth connectivity of your phone and the device you wish to connect first.
3. After the Bluetooth connectivity is turned on, select **Inquiry audio device**. Your phone will automatically search the device.
4. Select an audio device you want to pair.
5. Press **Pair** to pair your phone with the headset. You might need to enter the headset password which is factory-set, refer to its documentation for further information.
6. Then you might add the BT headset to trust list and connect the headset by selecting **Yes**.

#### Notes:

1. Before using the BT headset, please make sure your device has been full charged.
2. The BT headset added to trust list would be displayed in **My device** list. In the future, if you wish to connect your mobile phone with a certain BT headset, you can select from **My device** list for connection.
3. All active devices you have connected will be displayed in **Active devices** and you can disconnect anytime by pressing **Disc**.

#### To pair BT devices

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
3. Go to **My device**.

4. Select **Inquiry new device**, then press the left soft key, your phone will automatically search all BT devices.
5. To pair with the BT device, press **Pair**. You should create your own password, and agree with the owner of the other device to use the same password. Device that do not have a user interface have a factory-set password. Refer to its documentation for further information.

#### To connect BT Devices

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
2. Go to **My device** and select the BT device you wish to connect.
3. Select **Options > Connect**.
4. Before the BT device is connected, your phone will ask you which profile you wish to connect (it will depend on how many profiles your BT device supports).

#### To send data using Bluetooth connectivity

1. Select the object you want to send.
2. Select **Options > Send**.
3. Choose **Via Bluetooth**, then your phone will search for the BT device.
4. Select the device you would like to share following by sending action.

#### To receive data using Bluetooth connectivity

When you receive data through Bluetooth, a notification message will be popped up to ask if you are willing to accept. If you decide to receive the message, press **Yes** and the data will be saved in **Received** folder of **File Manager**.

#### To listen to stereo music

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
2. If you have already paired the stereo Bluetooth headset, please go to **My Device** and select the headset you wish to connect. If you never pair the Bluetooth headset before, please pair the headset first.

#### To setup your BT technology

Your setting list includes:

- **Visibility:** You may choose to turn on or off the visibility of your phone when other devices are trying to search devices supported BT technology.
- **Change Device Name:** You can change your device which is your phone's name displayed in other device.
- **Authentication:** When other device is trying to pair your phone, it will always need your authorization to connect it.
- **Audio Path:** This function helps you to set if you wish to leave your audio path in the phone or BT headset.
- **Block list:** This function helps you to set the blocked BT device.
- **Storage:** You can choose the storage for the received files, phone, memory card or always ask.
- **FTP Setting:** You can customize the Shared folder and access right of your phone.



##### Notes:

1. Operating your phone in an invisible mode is a safer way to avoid malicious software.
2. Do not accept BT connectivity from sources you do not trust.

#### About

You may find out your device name, device address, and supported service information here.

## Conn. Management

This function allows you to see the connection.

## Data Account

You can access WAP via **GSM Data** or **GPRS**. To get the analogue number or ISDN number information, you may need to contact your operator for the service. To get the access point of GPRS, you may need to contact your operator for the service.

## Restore Factory Settings

This function allows you to reset most of the original factory phone settings back to their original settings. The **Phone Lock Password** is needed to access this function.

## Sound effects

This function allows you to choose the audio effect and bass enhancement.

## User profiles

Your phone provides 6 different profiles, including General, Meeting, Outdoor, Indoor, Silent and Headset profiles.

**Note:** If you customize the alert type, the indication icon may be changed.

The Headset profile is activated when the headset is plugged in.

## To Activate a Profile

1. In the **Profile** menu, select a profile.
2. Select **Options > Activate**.

## To Edit The Profile

You can customize profile settings to meet your preference.

1. In **Profile** menu, select a profile.
2. Select **Options > Customize**.

## Extra

### Calculator

The calculator applies simple calculator functions, such as addition, subtraction, multiplications and division.

### Currency Converter

First, you should enter the rate, and then enter the local data.

Press the OK key, and the foreign data conversion will be shown automatically.

### Stopwatch

This function is designed to store the timepiece, which is to start or stop for exact timing.

#### To use stopwatch

1. From the main menu select **Extra > Stopwatch**.
2. Select **Typical stopwatch**. You can choose different record methods and view records.

- **Split Timing:** When you select this, the timepiece will be saved and continue to count when you press **Split**. The 2nd timepiece is recorded based on the continuous timing. You can stop and resume anytime.
- **Lap Timing:** When you select this, the timepiece will be saved and start the new timing when you press **Lap**. The 2nd timepiece is recorded in new timing. You can stop and resume anytime.
- **View records:** You can view those timepieces you have recorded or delete the records.

3. Select **nWay stopwatch**. You can make four records by pressing the Navigation Key.

## Ebook Reader

Use this menu to read the eBook in File Manager.

Note: The eBook file should be stored in the folder of EBook in File Manager.

To read an eBook, select Options > Open ebook.

After opening the eBook, you can select Options > Global setting to adjust the font size, scroll type, and so on.

## Services

Services described in the following are supported by your service provider. If you cannot connect either one of the services, you should contact your service provider for further information.

### Internet Service

This phone supports a WAP Browser. You can obtain various services such as up-to date news, weather, sport, and other information- as well as other Internet services. These services are designed and maintained by WAP service providers.

#### Notes:

1. To activate WAP service, you may need to contact your service provider.
2. Do not switch the phone on when wireless phone use is prohibited, or when it may cause interference or danger.

### Homepage

To access the browser from the **Standby** mode, go to **Internet Service** in **Services** and select **Homepage**. Once connected, the homepage is displayed. The content depends on the service provider. To exit the browser, press the **End** key.

You can set the homepage address in **Services > Internet Service > Settings > Profiles**.

### Bookmarks

You can use this menu to save important URL addresses to a quick access WAP page.

### Recent Pages

You can view the recent pages that you've visited.

### Offline Pages

You can view the saved offline pages that you've visited.

### Input Address

You can key in the URL address. When you are done, select **Options > Done**. Your phone will connect you to the

URL address that you've just keyed in. After the address is entered, you may select the URL and then select **Options > Go To** to connect to next time.

### **Service Inbox**

WAP push messages are saved here.

### **Settings**

GPRS (General Packet Radio Service) is a technology that is used for sending and receiving data over the mobile network.

### **WAP Setting**

If the settings have made by the service provider, you may begin immediately. If the accessed profiles have been assigned by your service provider, select a profile and activate it. Otherwise, you may key in the setting manually. For appropriate settings, contact your network operator or service provider.

#### **Key In The Service Settings Manually:**

1. From the main menu, select **Services > Internet Service > Settings > Profiles**.
2. Select a profile from the list. Select **Activate Profile** to activate the selected profile. You may edit the profile in **Profile Name, Homepage, Data Account, Connection Type, User Name, or Password**. To get more information, you may need to contact your operator.

 **Note:** In most cases, you only need to use **ONE** of the default profiles to access the Internet. The settings are different from operator to operator. Please consult your operator or service provider for the correct settings and proceed with care. Wrong settings will cause the connection to fail.

### **Browser Options**

You can set the timeout value for the browser. The purpose is to stop the browser from connecting to the website if the website does not respond within the timeout. Also, you can choose to either to turn **On**, or turn **Off** the image while browsing.

### **Service Message Settings**

You can choose either to receive or reject the service messages that are saved in the service inbox sent by your service provider.

### **Clear Cache**

The information or date you have accessed is all stored in the cache of the phone. A cache is a file buffer used to store data only temporarily. You can clear the cache by selecting this option.

### **Clear Cookies**

Under the consideration of privacy and security issue, we would suggest you to clear cookies which may contain sensitive information just in case your phone is misplaced, lost or stolen.

### **Trusted Certificates**

This function is used to indicate your trusted certificates while browsing, and allows you to manage your trust list.

### **Shortcuts**

This function allows you to set the shortcuts feature.

# GENERAL Information

## Accessories

There are various accessories for your mobile phone. Your pack will include standard battery x 1, headset x 1, and travel adapter x 1. Please note:

- Use only accessories and charging devices approved by the phone manufacturer, otherwise you would risk serious damage to health and property.
- Failure to do this may invalidate your warranty.
- Accessories may be different in different regions.

## GPRS/EDGE

**Please Note:** Only RX supports EDGE, and only TX supports GPRS.

## PRECAUTIONS

Please carefully read and observe the terms below:



Safe power on

Do not use your cellular phone where it is restricted to use or you might cause a disturbance or danger.

Safe transportation first

Please observe all related local laws and regulations.



Please drive with both hands.

Safe transportation should be considered when driving.



Disturbance

All cellular phone services may be disrupted.



Turn off when in the hospital

Please follow related restrictions.

Please switch your cellular phone off when near a medical instrument.



Turn off on an airplane

Please follow related restrictions.

Do not use your cellular phone on an airplane.



Turn off when at a gasoline station

Do not use your cellular phone at a filling station or around fuels or chemicals.



Turn off near exposure Area

Please observe related limitations and do not use your cellular phone near an area where explosions can occur.



Proper use

As described in this manual, your cellular phone can be used only in proper locations.

If possible, please do not touch the antenna area of your phone.



Use qualified after sales service  
Only a qualified technician can repair your cellular phone.

-  Accessories and batteries  
Only use the authorized accessories and batteries and do not connect to incompatible products.
-  Waterproof  
Your cellular phone is not waterproof. Please keep it away from water.
-  Backup  
Remember to make a backup or keep a written record of all important information saved in your cellular phone.
-  Connect to other devices  
Please read the user manual of the device to get more detailed security instructions before connecting to other devices and do not connect to an incompatible product.
-  SOS emergency calls  
Make sure your cellular phone is switched on and in a service area. In idle mode, input the SOS number, then press the Dial Key. Advise where you are and do not hang up without permission.

## TROUBLESHOOTING

Common issue	Reason	Troubleshooting
Bad connection	Using the cellular phone in an area where the network connection is poor, such as around a tower or basement where a radio wave cannot be sent effectively.	Try to avoid.
	Using the cellular phone when the network is busy, such as an on-off duty time or the line is busy.	Try to avoid.
	Related to the distance of the send basis of the network.	Ask your operator to provide a map of your service area.
Aftersound or cacophony	It is caused by the network connection and it is a regional problem.	Hang up and redial the number.
	Network connection is not good in some areas.	
Idle time becomes short	Idle time is related to network settings.	If the cellular phone is in an area where the network connection is not good, please temporarily shut off

		your phone.
	Need to change battery.	Insert a new battery.
	When you cannot receive signals, your cellular phone will continue to send to find a basis. A lot of battery power is used, so as to limit idle time.	Please move to an area where the signal is strong or temporarily turn off your phone.
Cannot switch on	Battery is drained.	Check battery volume or charge battery.
Wrong SIM card	SIM card is damaged.	Contact your operator.
	SIM card is not inserted properly.	Make sure SIM card is inserted properly.
	Dirt on metal side of SIM card.	Wipe metal point of SIM card with a clean cloth.
Cannot connect to network	SIM card is unusable	Contact your operator.
	Out of GSM service area.	Request service area to operator.
	Feeble signal.	Please move to an area where signal is stronger and try again.
Cannot call	Call barring is activated	Cancel call barring
Wrong PIN code	Entered the wrong PIN code three times.	Contact your operator.
Cannot charge	Battery or charger is damaged.	Change battery or charger.
	Charge in area where the temperature is lower than 0°C or higher than 40°C.	Change charging environment.
	Bad connection	Check the connection between the phone and the charger.
Cannot add contact	Contacts memory is full.	Delete some contacts.
Cannot set some functions	Operator does not support the function or you have not applied the function.	Contact your operator.

## SAFETY INFORMATION AND NOTICES

### Using the Cellular Phone and Charger

#### **Danger:**

Only use the battery and charger approved by the manufacturer. Using other brands may cause battery leakage, overheating, explosion or even fire.

#### **Caution:**

Keep the phone away from dust, water and damp areas. Dust, water or other liquids may cause overheating, electrical leakage, and/or phone failure.

The phone, battery, charger and AC adapter are not waterproof. Keep them away from liquid.

#### **Warning:**

Do not bump, shake or tamper with the phone or charger. This may cause battery leakage, overheating, explosion or even fire.

Do not place the battery, phone or charger near a microwave or high-voltage device. This may cause battery leakage, overheating, explosion or even fire; also prevent the phone and AC adapter from overheating, smoking or short circuiting.

Do not use the phone around volatile oil. This may cause fire, breakdown or damage.

To avoid any damage or breakage, do not disassemble the phone, battery, charger or internal components by yourself.

### Using the Cellular Phone

#### **Warning:**

Do not use the phone while you are driving. Pull over and stop your automobile to dial or answer a phone call. Usage of cellular phones in aircrafts or hospitals is prohibited. Turn the phone off to prevent interference with electronic medical devices. Follow any rules or regulations in such places.

Do not use the phone at a gas station, near fuel or near chemicals.

Do not use the phone near electronic medical devices such as hearing aids, pacemakers and auto-control devices such as fire detectors and automatic doors.

If you have to use your cellular phone near an electronic medical device such as a pacemaker, please contact your manufacturer or dealer for information about preventing interference.

#### **Caution:**

Electronic systems in automobiles such as anti-lock brakes, speed control, or fuel spraying systems, are usually not influenced by wireless devices. Manufacturers of these systems will tell you whether they are provided with good screening functions. If you suspect that an automobile failure is caused by a wireless wave, please contact your automobile dealer.

Avoid using your phone in crowded places.

Do not store your cellular phone near or together with a credit card, disk or other magnetic materials. This may affect information stored on your phone.

Keep your phone away from pins. Pins can be absorbed by the phone's receiver magnet, which may cause harm.

### Using the Battery

#### **Danger:**

Do not dispose of the battery into a fire. Doing so may cause battery explosion or even fire.

If you have difficulties installing the battery, do not force the installation. This may cause battery leakage, overheating, explosion or even fire.

Keep metal objects away so they do not come in contact with the battery or its connectors as it may cause the battery to short circuit, overheat or explode.

Do not weld the polarities of the battery directly together. This may cause battery leakage, overheating, explosion or even fire.

Battery liquid is severely harmful for your eyes. If battery liquid gets in your eyes, do not rub them. Instead, wash your eyes with water first and then go directly to a doctor for help.

Do not use or store your phone in high temperature areas. This may cause battery leakage, overheating, explosion or even fire.

#### **Warning:**

Replace the battery when the normal usage time begins to decrease or if you notice the battery is overheated or has changed shape or color.

If battery liquid leaks onto your skin or clothes, immediately wash the affected parts with water.

If the battery begins to leak or emits a strange odor, properly dispose of the battery according to local regulations. Do not throw it into a fire.

#### **Caution:**

Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

## **Using the Charger**

#### **Danger:**

Only use the charger that came with the phone. Using a different charger may cause the phone to breakdown or explode.

If the charger short circuits, a fire may occur.

Do not use a damaged, worn or broken charger. This may cause a fire.

Clean dust away from the power socket to avoid the possibility of a fire.

Do not store the charger near any liquids. If liquids spill onto the charger it may cause it to overheat or breakdown. If liquid does spill onto the charger, immediately unplug the power cable to prevent overheating, fire or another type of breakdown.

Do not use the charger in places with high humidity like a bathroom. This may cause a fire or other breakdown.

Do not touch the charger, power cable or socket with wet hands. This may cause an electric shock.

#### **Caution:**

Keep the environment temperatures within the range of 0°C ~40°C while charging. Temperature below 0°C or higher than 40°C will cause insufficient charging, terminate charging or even cause the battery to explode.

Unplug the charger from its power source before cleaning it.

Do not place heavy objects on the power cord. This may cause electric shock or fire.

Hold the plug while unplugging the power cord. This will avoid any potential damage or even fire.

#### **Requirements for Cellular Phone**

Avoid using your cellular phone in extremely high or low temperatures. Use the phone in a temperature range between -10~55°C and humidity of 35%~85%.

It is recommended that you do not use your cellular phone near a telephone, TV set, radio or other radio frequency sensitive devices.

## **Requirements for the Battery**

When not in use, store the battery in a cool, well-ventilated place with sunlight.

If you will not be using the cellular phone for an extended period of time, charge the battery on a regular basis to avoid battery breakdown.

The phone battery wears out fast. If after charging the battery does not improve its performance, it is time to replace the battery. Properly dispose of the battery according to local regulations. Do not throw it into a fire.

## Requirements for the Charger and AC Adapter

Do not charge your phone under the following circumstances: sunlight, temperatures equal to or lower than 0°C, temperatures equal to or higher than 40°C, high humidity, dust, high vibration areas, or near a TV, a radio, etc.

## Specific Absorption Rate (SAR) information

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This model (FCC ID: T38PCD2095P) 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 0.381 W/kg W/kg and when properly worn on the body is 0.928 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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

## Cleaning and Maintenance

The cellular phone, the battery and the charger are not waterproof. Do not use them in places with high humidity like a bathroom and also avoid spilling any liquids on them.

Use a soft cloth to clean the cellular phone, the battery and the charger.

Do not use alcohol, diluted liquid or benzene to clean the cellular phone.

If dust gets in the sockets the phone can be damaged, short-circuit or even lose the ability to be re-charged. Be sure to clean the socket regularly.

## 12 MONTH LIMITED WARRANTY

PERSONAL COMMUNICATIONS DEVICES (the Company) warrants to the original retail purchaser of this PCD handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

When sending your wireless device to PERSONAL COMMUNICATIONS DEVICES for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, PERSONAL COMMUNICATIONS DEVICES is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to PERSONAL COMMUNICATIONS DEVICES for repair or service.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

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