# GSM Dual-Band GPRS Digital Mobile Phone

**User Manual** 

# ZTE中兴

# 文档信息

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# GSM Dual-Band GPRS Digital Mobile Phone



The manual is applicable for ZTE-G X760 mobile phone.

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# **Before Use**

### Introduction

Thank you for choosing ZTE Corporation's ZTE-G X790 GSM Dual-Band GPRS Digital Mobile Phone.

To guarantee your mobile phone always in its best condition, please read this manual carefully and keep it for future use.

The pictures in this user manual are only used to demonstrate the mobile phone's functions, so they are maybe different from what you see on your mobile phone. Please refer to your mobile phone if there are any differences.

# Safety Instructions

If your mobile phone is lost or stolen, notify your service provider immediately to prevent others from abusing it. Meanwhile you need provide your service provider with your mobile phone's ESN, which is printed on the label on the back of your mobile phone (appears after the battery is taken out). Keep the ESN properly for future use.

To protect your mobile phone against abuse, take the following precautions:

- Set PIN code (as your phone needs SIM card) and modify it from time to time.
- Take your mobile phone along as much as possible.

# Safety Warnings and Precautions

### Precautions for using your mobile phone



# **Traffic Security**

 Pay attention to traffic security and follow all local relevant laws and regulations while driving.



### Interference

- Do not use your mobile phone near weak signal or high-precision electronic devices. Radio wave interference may cause failure to an electronic device or other problems. Pay special attention when you use your mobile phone near audio phone, pacemaker and/or other medical electronic devices, fire detector, auto-door and/or other auto-control equipments. For details on the influence caused by your mobile phone on pacemaker or other devices, medical electronic please consult the manufacturer or your local distributor.
- Do not use your mobile phone near TV set, radio or office automated equipments to avoid mutual influence.



On Airplane

 Turn off your mobile phone on airplane where it's forbidden to use it. The mobile phone may affect the normal operation of electronic devices, therefore please follow the relevant regulations when using your mobile phone on airplane.



# In Hospital

 Turn off your mobile phone in hospital where it's forbidden to use it. The mobile phone may affect the normal operation of medical apparatus, therefore please follow the relevant regulations when using your mobile phone in hospital.



# In Gas Station

 Do not use your mobile phone in gas station. Turn off your mobile phone near fuels or chemicals.



# Waterproof

 Keep your mobile phone away from water. This may cause overheating, electric leakage or failure if water or any other kind of liquid enters your mobile phone.



# Disassemble

 Do not disassemble or reassemble your mobile phone because this might cause damage, electric leakage or circuit failure.



## Antenna

 Do not use your mobile phone if your antenna is damaged because this may cause body injury.



# Away from Children

 Keep your mobile phone from children. It may cause body injury when the mobile phone is used as a toy.



# Original Accessories

 Use the original accessories or those authenticated by the manufacturer. Using non-original accessories may affect the mobile phone's performance, violate the warranty provisions or relevant national regulations about telecom terminals, or even cause body injury.



# **Explosion Areas**

 Please strictly follow relevant laws and regulations to turn off your mobile phone in or near the explosion areas.



# **Emergency Calls**

 Make sure your mobile phone is turned on and in the service area. Input the emergency number and press "Send" key to dial. Let others know where you are and do not hang up without permission.

### Precautions for using the battery

- Put the battery in a cool and ventilated place where there is no direct sunshine.
- The battery life is usually limited, and it becomes shorter and shorter after the battery is charged over and over again. If the charging fails several times, this indicates that the battery is worn out and the replacement is advised.
- Dispose the worn-out batteries in designated places according to specified regulations rather than throw them into residential garbage.
- Do not throw the worn-out batteries into fire because this might cause fire or explosion.
- Do not press with great force when installing the battery because this may result in leakage, overheating, explosion or fire.
- Do not disassemble or reassemble the battery because this may result in leakage, overheating, explosion or fire.
- If the battery becomes hot, changes in color or gets deformed during the course of use, charging or storage,

please immediately stop using and replace it.

- Keep the battery away from dampness to prevent overheating, smoldering or erosion.
- Do not leave the battery in direct sunshine, around a car or high-temperature place because this might result in leakage or overheating. This might affect the battery's performance and shorten its life.
- Do not keep charging the battery continuously over 24 hours.



If the battery is damaged, please avoid contacting the materials in it. If your skin has contacted those materials, flush your skin with lots of water and seek for help from doctors if necessary.

### Precautions for using the charger

- Use the power voltage between 110VAC and 220VAC. Using the voltage beyond the range may cause leakage, fire or damage to the phone and charger.
- Do not short-circuit the charger because this might cause electric shock, smoldering or damage.
- Do not charge the battery in direct sunshine, near dampness, dust, vibration, TV set, or radio (may affect the image, sound), etc.
- Do not use the charger if the power cable is damaged because this might cause fire or electric shock.

- Do not place water containers near the charger to avoid water splashing. If water or any other kind of liquid splashes on the charger, immediately remove the charger from the power socket to avoid overheating, fire, electric shock or failure.
- Do not disassemble or reassemble the charger because this might cause body injury, electric shock, fire or damage.
- Do not touch any charger, power cable or power socket with wet hands to avoid electric shock.
- Do not place heavy objects onto power cables or refit power cable because this might cause electric shock or fire.
- Remove power plug from the socket before cleaning and maintenance.
- Hold the charger rather than pull the power cable while removing the plug from the socket because this might cause damage, electric shock or fire.

# Parts Definition

# Appearance



# **Key Definitions**

Keys	Descriptions
Left/right key	Move the cursor to the left/right; Press the key to switch among 3D interfaces In idle mode, press left key to enter "Write Message", press right key to enter ""Inbox". You could change the default settings;
Up/down key	Move the cursor up/down; Press the key to move the highlighted bar in submenu; In idle mode, press Up key to enter "Audio Player", press Down key to enter "User

	Profiles". You could change the default settings;		
Left soft key	In idle mode, press this key to view calendar; and press & hold this key to lock the keypad; Press this key to switch 3D interface; Execute the operations at the left-down corner of the screen.		
Right soft key	Execute the operations at the right-down corner of the screen. In idle mode, press this key to view the list of contacts.		
Send key	Dial a number or receive incoming calls; In idle mode, press this key to view all call history.		
End key	Hang up a call or reject an incoming call; Hold this key to power on/off; In idle mode, press this key to turn off background music. In other mode, press this key to return to idle mode.		
OK key	In idle mode, press OK key to enter "Audio Player"; In most case, OK key functions the same as left soft key.		
Numeric keys	Input numbers or symbols.  Quickly select the menu option during menu operation.		
# key	Press & hold this key to switch between Meeting and Silence mode.		

### **Descriptions of Touch-screen Shortcuts**

There are three shortcuts on the standby screen, shown as below:

Click it to return to standby screen.		
In idle mode, click it to display the "shortcuts".		
In idle mode, click it to enter "User Profiles".		

# Descriptions of icons on status bar

Icons	Descriptions	Icons	Descriptions
M	Network signal strength		Battery capacity indication
	Unread SMS	X	Unread MMS
Ø.	Call Forwarding	6	Calling or in a call
Œ	Hands-free	0	Alarm ON
\$E	Outdoor	<b>10</b>	Meeting
(G	Flight	83	Silence
***	Self-defined	*	Bluetooth ON
9	In Roaming		GPRS
*	MP3 ON	PM	FM Radio ON



In this user manual, "press" means pressing the key and then releasing; "hold" means pressing and holding the key for about 2 seconds or more; "click" means clicking the corresponding icon on the screen with touch-pen.

### Insert and Remove SIM Card

Insert a valid SIM card into your mobile phone before use. All information regarding network connection and SIM phone book is saved in SIM card. In order to avoid the loss and damage of information saved in SIM card, please don't touch the metal surface and put SIM card far away from electricity or magnetism.

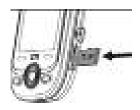
- 1. Turn off your mobile phone, remove the battery and disconnect the external power.
- 2. Put SIM card into the socket as shown in the figure.



- 3. Turn off your mobile phone and remove the battery before taking out SIM card.
- 4. Follow the converse steps to remove SIM card.

# **Insert and Remove Memory Card**

- Turn off your mobile phone, remove the battery and disconnect the external power.
- Insert the memory card into the slot in the direction of arrow shown in the figure below:

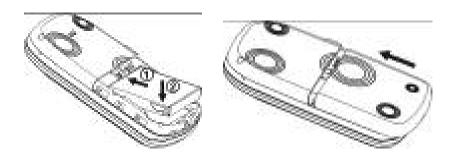


3. Turn off your mobile phone and press the memory card to remove it.

# **Battery**

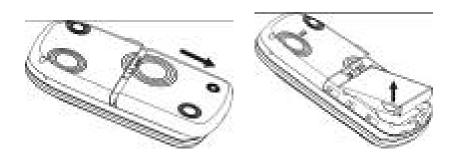
### Install the battery

- 1. Align the battery's contact points in the direction of the arrow as shown, and Insert the battery into the slot;
- Put on the battery cover, and push forward in the direction of the arrow as shown until it's locked.



### Remove the battery

- 1. Push the battery cover in the direction of the arrow as shown and open the cover.
- 2. Pull the battery in the direction of the arrow as shown and take out the battery.





### Note:

Please turn off your mobile phone before taking out the battery, otherwise your mobile phone might be damaged.

### Charge the battery



- Open USB interface cover at the right side of the phone, and insert the plug;
- Connect the charger to AC power socket. When the phone is powered on, the battery capacity bar on up-right corner of the screen keeps scrolling during charging; when the phone is powered off, there will be charging indication on the screen during charging.
- 3. If the phone is used excessively without enough capability, the charging indication will not immediately appear on the screen of the phone when charging starts, and the phone might not be powered on within a few minutes after the

charging starts;

- 4. It usually takes about two and half hours to complete the charging. During the charging, the battery, mobile phone and charger may normally become hot.
- 5. Please disconnect the charger from your mobile phone and the socket when the charging is completed.



Put your phone in ventilated place under normal temperature during charging. Use the original charger or those authenticated by the manufacturer. Using non-original charger may cause danger and violate the warranty provisions. Charge your mobile phone in time when it is powered off automatically or prompts the lack of the power.

### Power ON/OFF

Hold End key until the power-on/off animation appears.

After your turn on your mobile phone, it will automatically check whether or not SIM card is inserted or usable, and shows the following information on the screen in turn:

- ◆ Enter Phone Lock Code: if you've set lock code.
- ◆ Enter PIN Code: if you've set PIN code for SIM card.



### Note:

SIM card will be locked if you enter wrong PIN code three times. Then you need PUK code to unlock SIM card. The PIN code may be provided to you together with SIM card. If not, contact your network service provider. The default PIN code is normally 1234. Please replace it with your own PIN code as soon as possible.

 Search: The mobile phone will search for the available network.

# **Enter 3D Interface**

Your mobile phone provides 3D Interface: "Communication", "Entertainment" and "Applications".

Enter 3D interface in either of the following two methods:

- 1. Press **OK** key to enter the interface.
- 2. Flip your finger or touch pen on the screen from down to up.

There are four icons on the top of the screen. Click to enter "Communication", click to enter "Entertainment", click to enter "Applications", and click to return to idle screen.

### Use navigation keys

Press left/right key to switch among "Communication", "Entertainment" and "Applications", press up/down key to select the submenu, press right soft key to exit the menu, and press end key to return to idle screen.

### Use touch pen

Flip your finger or touch pen on the screen from left to right to switch the main interface, and flip from up to down to return to the previous menu.

In idle mode, press left soft key and # key to unlock the keypad, and you can also unlock the keypad by flipping your finger or touch pen on the screen from left to right.

# Communication

### Call

### Make a Call

### Direct Dial

Using keyboard

In idle mode, press numeric keys to input the phone number and press "Send" key to dial;

Using touch pen

In idle mode, use touch-pen to click any blank space on the screen to display the dialing keyboard, click the numeric keys to input the number, and click to dial.

### Dial from Contacts

Using keyboard

In idle mode, press right soft key to enter "Contacts" to select the contact you want to dial, and press "Send" key to dial;

- Using touch pen
- 1. In idle mode, use touch-pen to click any blank space on the screen to display the dialing keyboard;
- 2. Click to enter the list of "Contacts" to select the contact you want to dial, and click Key to dial.

### Add Useful Number

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Enter the dialing interface, click and and to select a useful number from Contacts. Press to display the contact's name and number, and click to dial. You could add three useful numbers.

### Dial International Calls

To dial an international call, press or click \*/+ until the international prefix "+" appears on the screen. Dial the country code or regional code, city code and then telephone number.

### **Emergency Calls**

You could make emergency calls without SIM card so long as you are in the area covered by the network.

### **Answer Calls**

You can press "Send" key to answer the call.

### Use headset to answer

If the headset is connected, you can press the key on the headset to answer the call.

### Hands-free

- 1. During the conversation, press "H-Free" key to enter the hands-free status;
- 2. Press "H-Held" to return to normal status.

### **Call Options**

During the conversation, press "Option" to enter the menu. You could perform the following operations:

- ◆ Hold: hold the current conversation.
- End: end the current conversation.
- New Call: enter new dialing interface.
- ◆ Phone Book: enter the contacts.
- Messages: enter "Message". MMS function will be disabled during the conversation due to the restriction of network occupancy.
- ◆ **Sound Recorder**: record the current conversation.
- Mute: as "Mute" is on, the other party can't hear your voice.
- DTMF: turn on or off.
- Conference\*:

**Swap:** keep switching between different parties.

**Conference:** have a conference phone call.

**Transfer**: transfer current call to other phone.

End Single: end current call.

End All: end all active calls



### Note:

The menu option marked with "\*" appears only under specific conditions. Conference function requires network support.

# Messages

### **SMS**

### Write Message

- 1. Enter "Write Message" to edit the text;
- 2. Select "Insert" to insert the phone number, template, etc.
- 3. after editing the text, press "Option" to select:
  - ◆ Send Only: press "Option" to select "Send Now" after entering the recipient's number (select multiple numbers from "Contacts" or "Call History")
  - ◆ **Send By Group**: send the message to all the contacts in the group.
  - Save and Send: operate the same as "Send Only". The message will be saved in "Outbox" after it was sent.
  - Save as Draft: save the message in "Inbox";



SMS centers of some cities and regions do not support a short message containing more than 160 English letters. Only the mobile phone with EMS function could receive/send static icons, animated icons and music files.

### View Message

Select "Inbox" to view the received messages.

Select "Outbox" to view the sent and saved messages.

Select "Drafts" to view the saved but not yet sent messages.

### Settings

Before using Messages, you need perform relevant settings:

◆ Profile Settings: Please contact your local network provider to obtain the service center number. Enter "Profile Settings" and select one profile. Select "Edit" to set "Profile Name", "SC Address", "Valid Period" and "Message Type".



### Note:

"Valid Period", "Fax" and "Page" need network support.

 Common Setting: select ON/OFF for "Deliver Report" and "Reply Path".

When "Delivery Report" is set on, the SMS center will return status report to you no matter whether or not the other party could receive your message. In this way, you could conveniently know whether or not the other party has received your message.

- Memory Status: display the memory space for SMS in SIM card and Phone;
- ◆ Preferred Storage: select "SIM" or "Phone" as the default storage media for SMS.

### **SMS** Counter

You could view the number of messages "sent" and "received".

### **MMS**



### Note:

MMS requires network support, therefore make sure your SIM card supports MMS before use, or consult your network provider. Make sure to complete the following operations before sending MMS: you've set service center number; you've completed WAP setting.

If the MMS is too large, the mobile phone might not be able to send or receive it

Your mobile phone supports MMS. After necessary settings, you could send/receive MMS.

### Write Message

- Enter "Write Message" to edit the recipient's number and E-mail;
- 2. Edit the subject and MMS text, press "Option" to insert the selected picture, sound file, etc.
- 3. After editing, you could select "Send Only", "Save and Send", "Save to Draft", "Send Options" or "Exit".

### View Message

Select "Inbox" to view the received messages.

Select "Outbox" to view the sent and saved messages.

Select "Drafts" to view the saved but not yet sent messages.

### Settings

- Compose: set "Creation Mode", "Image Resizing" and "Auto Signature".
- Send: set "Validity period", "Delivery report", "Read report", "Priority", "Slide Timing" and "Delivery time".
- Retrieve: set "Home network", "Roaming", "Read Report" and "Delivery Report".
- Filter: set "Anonymous" and "Advertisement".
- Server Profile: Generally, the default setting will be CHINA MOBILE MMS in China.
- Memory Status: check the memory status.



### Note:

The use of "**Delivery Report**" and "**Anonymous**" depends on your network service provided by your provider. For more details, please consult your network provider.

Your mobile phone has reserved some usable space to save MMS. It may fully occupy the space if you store a lot of multimedia messages. If your phone prompts with "storage full", you must delete some redundant messages to make sure there is enough space to store new multimedia messages.

### Voice Mail Server

When you are unable to answer the call, you could let the other party leave a message for you through voice mail server. You could visit voice mail server to listen to the message later.

You could set two voice mail numbers.

In idle mode, hold "1" key to dial the first voice mail number you've set.



### Note:

Make sure to apply for the service before use because it requires network support.

### **Broadcast Message**

Broadcast message indicates the public message sent by network operator. Through broadcast messages, you could receive the information about weather, taxi, hospital, etc.



### Note:

The broadcast message needs the support from network provider. For usable information, please consult your local network provider.

### **Contacts**

You could save the contact's name, telephone number, mobile phone number, etc. The numbers could be saved either in Phone or SIM card.

### **Quick Search**

Input the first letter of your desired contact's name on the screen to quickly search for the contact, and press left/right key to switch between the groups.

### Search by Name

Input the name, and press "Search" to find the matching entries.

### Add New Entry

You could add new entry "To SIM" or "To Phone".

If you want to add new entry to SIM, you need input "Name" and "Number" only.

If you want to add new entry to Phone, besides "Name", "Number", "Home Number", "Office Number", "Other Number", "Email Address", "Memo", and you need edit the following

- Caller Group: Add the phone number into different caller groups.
- Associate Picture: Set your personalized caller picture for the current number. Select the proper picture from "Phone" or "Card", which could be previewed.
- Associate Sound: Select the proper ring tone from "Phone" or "Card".

### Caller Group

Your mobile phone supports caller grouping function, which allows you to select "View member", "Group ringer", "Group pic", "Add member", "Del member", "Rename", or "Del All Members".



### Note:

You could add/delete the members only when they are saved in Phone.

### Copy All

Select "From SIM" to copy all entries from SIM card to Phone, or select "From Phone" to copy all entries from Phone to SIM card.



### Note:

When copying all entries from Phone to SIM card, only the name and number will be copied.

### **Delete All**

Select "From SIM" to delete all entries saved in SIM card, and select "From Phone" to delete all entries saved in Phone.

### **Preferred Storage**

You could set the preferred storage location for the current number.

### **Memory Status**

Owner Number: set two numbers for Owner Number.



### Note:

Any changes arising from the use of this function will not affect the actual numbers saved in SIM card.

Memory Status: You could check the memory status of both phone and SIM.

# **Call History**

"Missed Calls", "Dialed Calls", and "Received Calls" are saved in "Call History". If the records are full, the earliest saved records will be deleted.

In idle mode, press OK key to enter the main menu, and then select "Call History".

### View

- 1. Select "Call History" in the main menu to select "Missed Calls"/ "Dialed Calls"/"Received Calls".
- 2. Select the record you want to view from the list.

### Delete Call Log

- 1. Select "Call History" in the main menu to select "Delete Call Log".
- 2. Select "Missed Calls", "Dialed Calls", "Received Calls" or "Delete All".

### Call Time

Under "Call Time", you could select "Last Call Time", "Total Sent", "Total Received" or "Reset All Time".

## **Entertainment**

#### Music

## **Audio Player**

- Select "Audio Player" to enter the interface, and press "Option" and select "Settings" to set "Background Play", "Repeat":
  - Storage Location: select "Phone" or "Memory Card".
  - ◆ BT Stereo Headset: if your BT stereo headset has matched with your mobile phone, and "BT Stereo Headset" has been set ON, you could select "BT Stereo Headset" to listen to music.
- 2. Press "Option" "Playlist" to check the list of audio files in phone or memory card.
- 3. Press "Option" "Play" to play the audio files in the list.



### Note:

The audio files must be saved in "My Music" folder of the phone or memory card.

Select an audio file, press "Option" - "Play":

 Press Up key to enter "Player Settings", and press OK key to pause/resume.

- Press side keys to adjust the volume.
- Press Right key to play the next file, and press Left key to play the previous one.

You could also perform the operations using the touch-pen:

- Click to play.
- ◆ Click to pause.
- Click to stop playing.
- ◆ Click ■ to adjust the volume.
- Click to play the next file; click to play the previous file.
- Click to change repeat mode.
- Click to change random mode.
- Click to enter Setup menu



## Note:

Please select medium volume when listening to music.

### **FM Radio**



#### Note:

You could listen to the radio only as the headset is inserted into the mobile phone.

Channel List: edit up to 9 channels.

- Manual Input: manually input a channel.
- Preset Auto Search: automatically search for channels.
- Settings: after you turn on "Background Play", "Loud Speaker", "Record Format" and "Record Storage".
- Record: record the current channel.
- ◆ Append: continue to record amr files on the current file.
- ◆ File List: display the list of files.

#### Sound Recorder

The recorded files will be saved in this menu. Press "Option" to select:

- ◆ Record: start recording.
- Settings: set "Pre. Storage" and "File Format".
- List: view all the recorded files in the list.

Select a recorded file and press "Options" to select: "Play", "Append", "Rename", "Delete" and "Delete All".

#### **Games**

Your mobile phone provides 3D Game and Classical Games. Enter the menu and view the operation descriptions.

## **Video**

#### Camera

- 1. Select "Camera" to enter the preview interface, and press "Option":
  - Album: enter Album to view the photos you've just taken;
  - ◆ Camera Settings: set "Shutter Sound", "EV", "Banding", "Delay Timer", and "Cont Shot".
  - Image Settings: set "Image Size" and "Image Quality".
  - ◆ White Balance: select "Auto", "Daylight", "Tungsten", "Fluorescent", "Cloud", or "Incandescence".
  - Scene Mode: select "Auto" or "Night".
  - ◆ Effect Settings: select "Normal", "Grayscale", "Sepia" 
    "Sepia Green", "Sepia Blue", "Color Invert", 
    "Gray Invert" or "Contrast".
  - Wallpaper Frame: select "Off" or 4 different kinds of frames.
  - Storage: select "Phone" or "Memory Card".
  - ◆ Restore Default: restore to factory default settings.
- 2. Press **OK** key to take photos after the above settings:

On the preview interface, you could perform the following operations with the touch-pen:

- Click to adjust EV parameters;
- Click FX to change effect settings;
- Click to delay the time;
- ◆ Click to set "Cont Shot";
- Click to set "Image Quality";
- Click i to set "image size";
- Click to complete "Capturing" and ask "Save Image?".



### Note:

The camera focus can not be adjusted when the image size is set maximum.

## Video Player

The mobile phone provides video playing function.

Select "Video Player" to enter the list of video files. Press Up/down key to select the file to play, press "Option" or directly use touch-pen to select the video. You could perform the following operations:

- Play: play the select video.
- ◆ Forward: select "MMS" or "Bluetooth" to receive your video.
- Rename: change the name of selected video.

- Delete: delete the selected video.
- Delete All: delete all videos.
- Sort: select "By Name", "By Type", "By Time", "By Size" or "None".
- ◆ Storage: select "Phone" or "Memory Card".

Select the video and press "Option" to set:

- ◆ Animation: select "Brightness", "Contrast" or "Repeat".
- ◆ Bluetooth: set "Bluetooth stereo output" or "Bluetooth stereo headset".

Select a video and use touch-pen to perform the following operations:

- Click or "Play" to play the video.
- Click or "Pause" to pause.
- Click "Stop" to stop playing.
- ◆ Click to switch to full screen, and click any space on the screen or press RSK to return to normal mode.
- ◆ Click ▼
  I to adjust the volume.
- Click to control the playing process.
- Click "Return" to return to previous interface.

### **Album**

Select "**Album**" to view the photos taken or other pictures saved in "Album".



### Note:

You could view the photos in "Album" only when they are saved in "Photos" folder of Phone or Memory Card.

#### Video Recorder

- 1. Select "Video Recorder" to enter the preview interface, and press "Option" to perform the following operations:
  - ◆ To Player: enter "Video Player" to view the recorded videos.
  - Camcorder Setting: set "White Balance", "EV", "Night Mode" and "Banding".
  - ◆ Video Setting: set "Video Quality", "File Size Limit", "Rec Time Limit", "Record Audio" and "Encode Format".
  - ◆ Effect Setting: select "Normal", "Grayscale", "Sepia", "Sepia Green", "Sepia Blue", "Color Invert", "Gray Invert" or "Contrast".
  - Restore Default: restore to factory default settings.
- 2. After the above settings, press OK key to record videos.

Under the record preview interface, you could use touch-pen to perform the following operations:

Click to record a new video.

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- Click to pause.
- Click "Stop" to stop recording.
- Press "Back" to return to previous interface.

The default name of saved video shall be "MOV+ four SN number + Letter", and the letter varies from A to Z. The videos will be saved in "Video Player".



### Note:

You could view the videos from "Video Player" or "Video" folder under "File Manager" of Memory Card.

## **Connect**

#### STK Service

STK card services are value-added services provided by your network provider.

Your mobile phone supports STK service. If SIM card and your network provider do not support the service, this function can't be used.

#### **WAP**

Your mobile phone supports Wireless Application Protocol (WAP). You could get access to the services provided by your network provider. It allows you to get information about news, weather forecast, airline flights, etc. These services are especially

designed for the mobile phone, and they are maintained by WAP provider.



### Note:

WAP service requires network support. Please consult your network operator or service provider for details on usability, quotation, and tax of WAP service. Your service provider will give you instructions on how to use this service.

You could use the value-added services provided by network operator. The menu mainly includes the following options: "Homepage", "Bookmarks", "Recent Pages", "Enter Address", "Service Inbox" or "Settings".

- Homepage: You could visit the homepage. Homepage is WAP site you set in "Settings". If you do not set WAP site, the factory preset site will be used.
- ◆ Bookmarks: Select a bookmark to display the bookmarks such as "yahoo", "sina", etc, press "Option" to select "Goto", "Edit", "Send", "Delete", "Delete All" or "Add Bookmark".



### Note:

Before use, please make sure your bookmark list is not empty. In order to avoid this, a few common websites have been preset to you in your mobile phone.

 Recent Pages: Display the recent pages you've visited. If you have select the history, simply select "Goto" to visit this page.

- ◆ Enter Address: Input URL address, and press "OK" to complete. You could visit WAP site now.
- ◆ Service Inbox: Check the service information sent by your service provider. Press "Option" to select "Read", "Delete" or "Delete All".
- ◆ Settings: You could select "Edit Profile", "Browse Options", "Service Message Settings", "Clear Cache", "Clear Cookies" or "Trusted Certificates".

#### Bluetooth

Bluetooth function enables you to exchange data with your phone & other Bluetooth devices, and listen to music or talk hands-free with Bluetooth headset.

You don't have to put your phone & other Bluetooth devices together since Bluetooth devices communicate through radio wave. You need make sure the distance between your phone and other Bluetooth devices will not exceed 10m. Bluetooth connection might be interfered by some obstacles or other electronic devices.

#### Power

Turn ON/OFF Bluetooth. You could see the Bluetooth icon on the status bar.

## Inquire Audio Device

Search for Bluetooth headsets, etc.

#### My Device

In "My Device", you could view the Bluetooth devices you searched for last time. If there is no Bluetooth device, then "Empty" will be displayed.

- Press "Option" "Inquiry New Device" to search for new devices;
- 2. Select a device after the phone searched for Bluetooth devices, and press "Connect" to connect the phone with the device.
- 3. During the course of connection, enter the same password to successfully connect between the phone and the device.
- 4. After successful connection, you could communicate with the device.



### Note:

Some devices such as Bluetooth headsets, might have fixed password "0000". You need input this password if your phone needs to connect some devices.

#### **Activate Device**

Under "Active Device", you could view the Bluetooth devices connected successfully.

#### Setting

Perform the following settings for Bluetooth function:

- ◆ Visibility: turn ON/OFF. If you select "OFF", other Bluetooth devices can't search for your mobile phone.
- Change Device Name: when other Bluetooth devices search for your mobile phone, the name of your mobile phone will be displayed.
- ◆ Authentication: turn ON/OFF. When you turn on this function, other Bluetooth devices will need authentication before successfully connecting to your mobile phone. When you turn off this function, other Bluetooth devices will freely connect your mobile phone without authentication.
- Audio Path: select "Leave in Phone" or "Forward to BT Headset".
- ◆ FTP Setting: select "Receive Position", "Shared Folder" and "Access Right".
- Remote SIM Mode: turn ON or OFF the mode.

#### **About**

You could check the relevant information of Bluetooth function.



#### Note:

If the memory card isn't inserted, the received files will be automatically saved in "Received" folder of your phone.

#### **Data Account**

#### **GSM** Data

Under "GSM Data", the list of data accounts is displayed. Select one account, press "Edit" to edit "Account Name", "Number", "User Name", "Password", "Line Type", "Speed", "DNS", etc.

#### **GPRS**

In "GSM Data", press "OK" to display the list of data accounts. Select one account, press "Edit" to edit "Account Name", "APN", "User Name", "Password", "Auth. Type", etc.

#### **GPRS** Counter

Check the data flow under GPRS network. You could view "Last Sent", "Last Received", "All Sent", "All Received" or "Reset Counter".

## **Applications**

### **Alarm**

Your mobile phone could set up to 8 alarms, and it supports turn off alarm.

## File Manager

Enter "File Manager" to display "Phone" and "Memory Card". The Total and Free memory space will be displayed on the upper part of the interface.

Press "Option" to select:

- ◆ Open: list the directories and files under root directory.
- Create Folder: create a new folder.
- ◆ Format: Format the selected storage. This would delete all the data saved in the selected storage.

## **Settings**

#### **User Profiles**

Your mobile phone provides multiple profiles, which allows you to perform personalized settings of "Incoming Call", "Alarm", "Message", "Keypad Tone", "Extra Tone" and "Power On/Off Volume" according to different occasions. The optional profiles

include "General", "Silent", "Meeting", "Outdoor", "Flight", and you could also customize the profiles.

## Phone Setup

#### Vibrate Feedback

You could turn "On" or "Off" this function. When it is "ON", your mobile phone will slightly vibrate when you press the keys or click the icons.

### Scheduled Power On/Off

You could edit up to 4 groups of power on/off time. Press "Edit" to set "Status", "Type" and "Time".



## Note:

The time should be set different y to avoid conflict.

## Auto Lock Keypad

You could prevent inadvertent operations resulting from improper key press.

Press left soft key and # key to unlock the keypad, or flip your finger or touch pen on the screen from left to right to unlock the keypad.

## Call Setup

#### **Call Waiting**

After this function is activated, the system will inform you if there is another incoming call. Please contact your network provider for details.

#### Call Divert

This function allows you to divert incoming call to another designated number.



This function requires network support, so please contact your network provider for details.

You could select "Divert All Voice Calls", "Divert If Busy", "Divert If No Answer", "Divert If Unreachable", or "Divert All Data Calls".

If you don't need to divert, you could select "Cancel All Divert".

#### Press OK to select:

- ◆ Activate: set the diverted object number.
- Deactivate: cancel call divert.
- **Query Status**: check the status of the function.

### Speed Dial

- ◆ Enable Speed Dial: turn on/off speed dial.
- ◆ Set Number: You could edit 8 phone numbers for numeric keys 2~9. In idle mode, hold numeric keys 2~9 to dial the corresponding number.

#### **Answer Key**

You could set "Send Key" or "Any Key" to answer the incoming call.

#### **Black List**

You could edit the Black List. After you select "On" under Mode, the incoming call from the numbers in the Black List will be rejected.

#### **Auto Redial**

You could turn on/off this function. If the other party doesn't answer the call as you select "On", your mobile phone will automatically redial after a while. It will auto redial up to 10 times.

## Network Setup

#### **Network Selection**

There are three modes under Network Selection: "New Search", "Select Network" and "Selection Mode". Under "Selection Mode", you could select "Automatic" or "Manual".

#### **GPRS** Connection

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Press left soft key "Change" to switch between "When Needed" and "Always".

## Security Setup

You need to input the password '0000' to enter "Security Setup".

#### SIM Lock

- ◆ If "SIM Lock" is currently set "OFF", select "ON" to input PIN code to unlock your SIM card. You need input correct PIN code to unlock your SIM card as you turn on your mobile phone next time.
- If "SIM Lock" is set "ON", select "OFF" to cancel the protection.



### Note:

Your SIM card will be locked if you enter wrong PIN code continuously for three times. In this case you need PUK code to unlock your SIM card.

The PIN code, PUK code and SIM card may be provided to you all together. If not, contact your network provider. The default PIN code is normally 1234. Please change to your own PIN code as soon as possible.

#### Phone Lock

Phone Lock could prevent your mobile phone against illegal use.

- Select "Power On" to input the password. You need input correct password to unlock your mobile phone as you turn on your mobile phone next time.
- Select "Changing SIM" to input the password. You need input correct password to unlock your mobile phone as you change your SIM card next time.
- Select "OFF" to cancel the protection.



#### Note:

The default password is 0000. Please change to your own password as soon as possible.

#### Call Barring



#### Note:

Please contact your network provider for details since some providers might not provide call barring service. When applying for this service, you will get a four-digit password provided by your provider to activate call barring.

#### Press "Call Barring" to select:

◆ All Outgoing Calls: select "Activate", "Deactivate" or "Query Status".

- International Calls: the same as above.
- International Calls Except To Home PLMN: the same as above.
- All Incoming Calls: the same as above.
- When Roaming: the same as above.
- ◆ Cancel All: input the password to cancel all call barring.
- Change Barring PW: Input the old password and set new one.

#### Fixed Dial

If your SIM card supports, only the selected numbers could be dialed. After this function is activated, you are only allowed to dial the numbers in Fixed Dial List or a few numbers.

Enter "Fixed Dial" to select:

- ◆ Mode: Input PIN2 code to turn ON/OFF Fixed Dial function.
- Fixed Dial List: Edit a maximum of 10 fixed dial numbers.
  Press "Option" to select "Edit" or "Find in PHB".



You need input PIN2 code to turn on/off fixed dial

function. Please contact your network provider to get PIN2 code. After fixed dial is activated, only the entries you set in Fixed Dial List will be displayed in phone book.

#### Change Password

You could change "PIN", "PIN2" and "Phone Lock Password".



### Note:

The length of password must be more than 4 digits and less than 8 digits.

#### Pen Calibration

As you feel your mobile phone doesn't react properly after you use the touch-pen to click relevant option or icon, you need calibrate the touch screen. Click with the touch-pen until the calibration is completed. If the calibration is still not accurate as you make sure to click the center every time, you should refer to **Restore Factory Settings.** 

## Restore Factory Settings

Enter "Restore Factory Settings". You need input the correct phone lock password, and press "OK" to restore factory settings.

## Calendar

Enter "Calendar", the calendar in current month will be displayed on the screen and the current date will be marked by a background box in special color.

You could press navigation keys or click the direction arrows on the screen to browse the dates and the information on the screen will also change consequently.

To Do List for current date will be displayed on the idle screen after adding a new task and turning on "Alarm". Click it to view the details.

## **Organizer**

### Calculator

Your mobile phone provides a calculator to perform simple calculations. You could add, subtract, multiply or divide, and select M+, M-, MR, and MC to perform relevant operations.



## Note:

The calculator is limited to precisions, therefore it might generate errors.

## Stopwatch

You could select "Spit Timing", "Lap Timing" or "View record".

## nWay Stopwatch

Press 4 different navigation keys to record the different timing respectively.



#### Note:

Press LSK to stop time measuring, and hold left soft key to clear up all the records.

## **Unit Converter**

Your mobile phone provides you with unit converter to convert the weight and length. Input the value to perform the conversions, such as from Kg to Pound, from Kg to Ounce, from Km to Mile, and from M to Yard.

## **Currency Converter**

Your mobile phone provides you with basic functions regarding currency conversion.

## World Clock

Press left/right navigation key to view the time of different cities.

## Bookshelf

Enter "Bookshelf" and press "Option" to select: :

◆ Open E-Book: open E-Book, and press "Option" to select "Find", "Jump To", "Go To Bookmark", "Add Bookmark", "Remove Bookmark", "Book Info", "Settings", "Apply Global Settings", "Help" or "Close".

- CleanUp Bookshelf: clean the bookshelf.
- ◆ Global Settings: you could set "Font Style", "Font Size", "Scroll By", "Auto Scroll", "Scroll Speed", "Full Screen", "Encoding" or "Select Memory".
- ◆ Book Info: display the file title, size and format.
- **Delete**: delete this file.
- Delete All Files: delete all files.
- Sort: you could select "By Name", "By Type", "By Time", "By Size" or "None".
- Apply Global Settings: restore factory default settings.



## Note :

The list will be automatically updated as you put txt files into "E-book" directory of the phone or memory card.

## **PC** Connection

## **Mass Storage**

Your mobile phone supports mass storage—U disk function.

- As the phone is turned off, connect your mobile phone with PC through USB data cable. In this case, your mobile phone can be used as U disk.
- ◆ As the phone is turned on, connect your mobile phone with PC through USB data cable. If the memory card is inserted, you could select Mass Storage.

## Webcam

Your mobile phone supports webcam, which can be operated simply like USB webcams.

- ◆ As the phone is turned on, connect your mobile phone with PC through USB data cable. In this case, your mobile phone will display "USB Config".
- Select "Webcam", press "OK", and a full-screen camera interface will appear. This indicates your mobile phone could be used as webcam now.
- ◆ Your computer will detect new video devices. Up to now, you could use the camera like other USB webcams.
- Press End key or directly pull out the data cable to exit camera mode.

## Input Methods

Your mobile phone supports handwriting input.

Under handwriting input mode, you could either use the touch pen or click the virtual keypad to enter the inputs. The handwriting input methods include ABC& abc input method, EZiABC& EZiabc input method, 123 input method and Symbol input method.

- Switch the input method: Press # key.
- ◆ Input the space: Press 0 key under any method except for §123 input method.
- ◆ §ABC&§abc input method: Each key is used to input multiple letters. Quickly repeat the key until your desired letter appears.
- eZiABC& eZiabc input method: Press the corresponding number key to input. If the word is not what you want, press up/down key to view other matches, and press Select to input.
- ◆ §123 input method: Press the numeric keys to input the corresponding numbers.
- Symbol input method: Under text input mode, press \* key to display the symbol box, press navigation key to select the symbol and press OK key to confirm.

## **Appendix**

## **Shortcuts**

- Lock the keypad: In idle mode, hold LSK to quickly lock the keypad.
- Unlock the keypad: In idle mode, press LSK and # key, or flip your finger or touch pen on the screen from left to right to unlock the keypad.
- End key: press it to quickly return to idle screen.
- Capture key: press it to quickly enter the camera interface.
- # key: hold it to switch between Meeting and Silence.
- ◆ Idle Shortcut Idle Setting: You could set 5 icons on the idle screen such as "Message", "Calendar", "Calculator", "Bluetooth", "Audio Player" etc.
- User Profiles: in idle mode, you could set the user profiles such as "General", "Silent", "Meeting", "Outdoor" and "Flight".
- Navigation keys: In idle mode, press up key to enter "Audio Player", press down key to enter "User Profiles", press left key to enter "Write Message", and press right key to enter "Inbox", you could define as other shortcuts based on your requirements.

## **Clearance and Maintenance**

- Please maintain your mobile phone with good care since it is delicately designed and manufactured. The following advice might help you extend the life of your mobile phone.
- Clean your mobile phone, battery and charger with a soft dry cloth.
- Do not clean your mobile phone with the liquor such as alcohol, dilution agent or benzene.
- Clean the socket from time to time because a dusty socket might cause disconnection, power failure, or even charging failure.
- Do not press keys with needles, pen points or other sharp objects to avoid damage or inadvertent operation.
- Keep tiny metal objects such as thumb pins away from the phone receiver. The phone speaker is magnetic and thus magnetizes those metal objects, which may hurt people or damage the phone.
- Keep your mobile phone dry. Rain, moisture or any kind of liquid containing minerals might corrupt the circuit.
- Do not touch the mobile phone with wet hands because this might cause electric shock, which would hurt people or damage the phone.
- Don't use and put your mobile phone in a dusty or dirty environment because this might damage the phone components.

- Don't keep your mobile phone near high-temperature because it might shorten the life of electronic devices, damage the battery, twist or melt some plastic parts.
- Don't keep your mobile phone in a place where the temperature is too low, otherwise the water vapor would form inside the phone when the temperature rises up to normal degree, which would damage PCB of the phone.
- Don't put your mobile phone in or on the heating devices (microwave oven, toaster oven or radiator) because overheating might result in explosion.
- The color of the waterproof label in the phone will be changed if the phone or battery gets wet. In this case, the warranty provisions will become void even if the warranty period doesn't expire.
- Please send your mobile phone to the nearest service center for inspection if there is anything wrong with your mobile phone, battery, charger or accessories. The service center staff will provide you help.

# Failure Analysis

Symptoms	Possible Causes	Solutions
Unable to turn on the phone	Inadequate battery capacity	Charge the battery
	Poor contact	Reinstall the battery
Automatic power-off	Seriously poor battery capacity	Recharge the battery
Inadequate standby time	Deceasing of battery performance	Replace the battery
	Poor network signal	Turn off the phone as the signal is poor.
Unable to connect the network	Poor network signal	Move to other places
	Out of the service area	Make sure your phone is in network service area
Call drop	Poor network signal	Move to other places
Do not ring upon incoming calls	Set "Silence" or minimum volume.	Enter "User Profile" to change "Silence" to other profile or check the ringing volume.
Prompt to input PUK	SIM card locked due to the continuous entering of wrong PIN code for three times.	Contact your network operator.

## **FCC** Regulations:

- ●This mobile phone 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.
- •This mobile phone 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 against harmful interference in a residential protection installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in with the accordance instructions, may harmful cause 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

●The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## ▶ RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. \*Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.187 W/kg and when worn on the body, as described in this user guide, is 1.45 W/kg

(Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <a href="http://www.fcc.gov/oet/fccid">http://www.fcc.gov/oet/fccid</a> after searching on FCC ID: Q78-X790.

This device is compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do no t use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.