

# **ZTE F930**

## **HSDPA Multi band 3G Mobile Phone**

### **User Manual**

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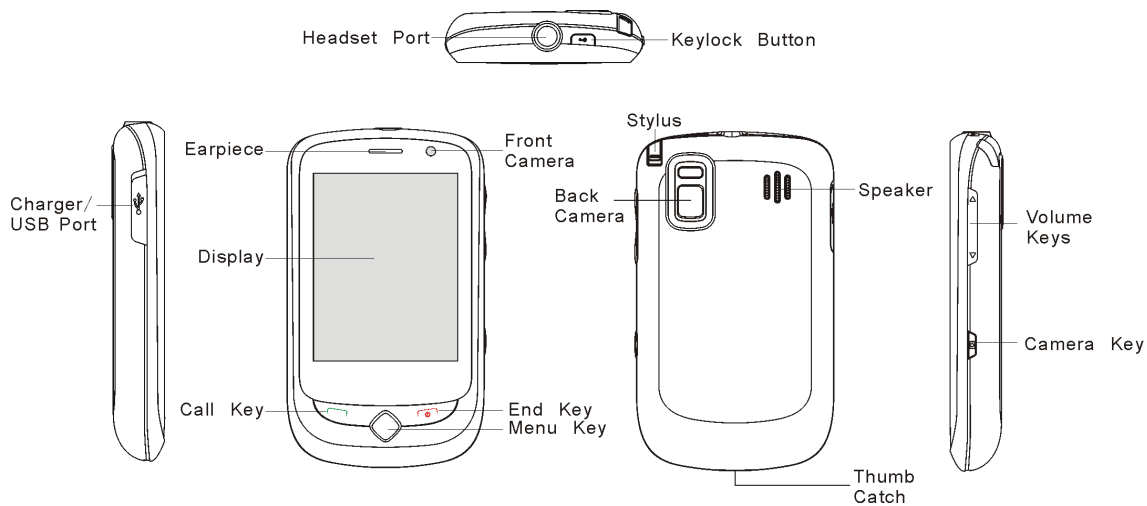
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# Chapter 1

## Getting Started

### Phone Overview

#### Keys and Parts



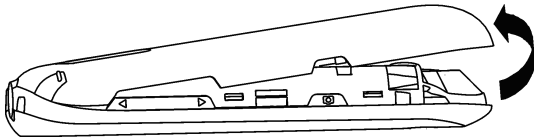
#### Keypad Functions

Key	Description
<b>Call Key</b>	<ul style="list-style-type: none"><li>• Press the <b>Call Key</b> to send or answer calls.</li><li>• In standby mode, press the <b>Call Key</b> to show calls log.</li></ul>
<b>Menu Key</b>	<ul style="list-style-type: none"><li>• Press the <b>Menu Key</b> to open the main menu.</li><li>• Long press the <b>Menu Key</b> to access the <b>Task Manager</b>.</li></ul>
<b>End Key</b>	<ul style="list-style-type: none"><li>• Press the <b>End Key</b> and hold to power on/off the phone.</li><li>• Press the <b>End Key</b> to end a call.</li><li>• Press the <b>End Key</b> to reject an incoming call.</li><li>• Press the <b>End Key</b> to cancel dialing.</li><li>• Press the <b>End Key</b> to return to the standby mode.</li></ul>

### Starting Up

#### Open the Back Cover

Use the thumb catch at the bottom of the handset to open the battery cover as shown below.



Caution: Do not force the battery cover into place by pressing on it. Doing so will damage the battery cover.

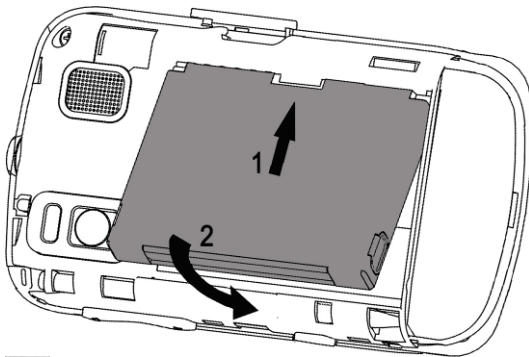
## Installing the Battery



Notes:

- The phone automatically switches off if the battery power is too low.
- If you are not going to use the battery for a long time, remove it from the phone and store it in a cool dry place.

Insert the battery as shown with the contacts located against the gold springs.



Notes:

The battery only fits one way.

## Inserting the (U)SIM Card

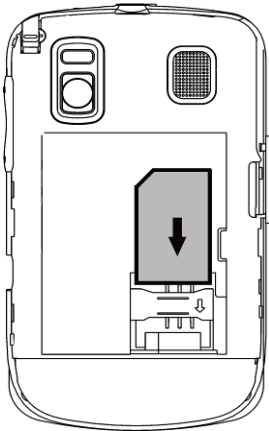
You can obtain a (U)SIM card from your service provider when you sign on as a subscriber.



Notes:

- Do not bend or scratch your (U)SIM card. Keep the card away from electricity and magnets.
- Do not touch the metal surface of the (U)SIM card. Doing so could cause information on the card to be lost or destroyed.
- Make sure to disconnect the charger and other accessories from your phone and remove the battery before inserting and removing your (U)SIM card.

1. Insert the USIM card with the gold contacts facing down and the bevelled edge on the left hand side as shown.



2. Carefully slide it under the metal bar observing the correct orientation.

## Inserting the Memory Card

The external memory card gives your phone a very large memory capacity. This allows you to save multimedia data, including images, photos, MP3 audio files, and ring tones. You can also use this memory card to store other files.

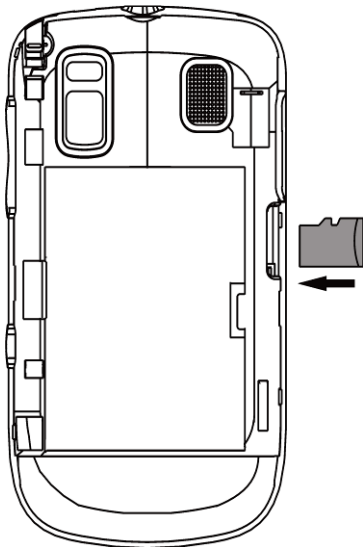


### Tips:

microSD cards up to 2GB are supported (FAT 16 format).

microSDHC (high capacity) cards up to 16GB are supported (FAT 32 format).

1. Open the back cover of the handset.
2. Carefully insert the card as shown below and close the cover.



**Caution:**

Only use approved memory cards for this device. Any use of unapproved memory cards might cause loss of information or damage to your phone.

**Tips:**

- Do not remove the memory card while reading or writing to the card. Doing so might corrupt the information on the card or phone. If possible, insert and remove the memory card while the phone is turned off.
- If you want to format the memory card on your PC, make sure you select the FAT Formatting type. If this is not done the memory card might not be identified by your phone.

## Power On/Off

**Notes:**

Do not turn your phone on in areas in which wireless phone use is not permitted, or when it could cause interference or danger.

Press and hold the **End Key** to turn on or off the phone.

**Tips:**

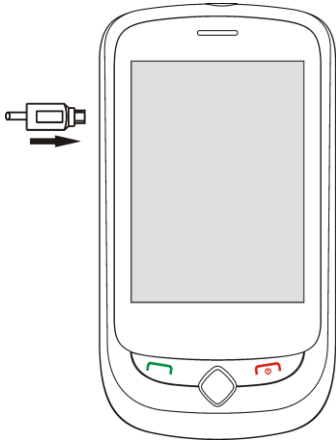
- ▶ When prompted, enter your PIN (Personal Identification Number) code or handset code and click the OK Key to confirm.
- ▶ The PIN code is the password provided by your network service provider. You cannot use the (U)SIM card without it.
- ▶ When the PIN code or handset code is accepted, the phone automatically searches for the network. After a few seconds, your phone displays standby mode.

## Charging Your Phone

Your phone uses a rechargeable battery. When you first unpack the phone, the battery is not fully charged, but there might be enough power to turn on the phone. You should flatten the battery by using all of the available power before charging the battery for the first time.

Insert the USB charger lead into the USB port as shown below.



**Notes:**

- ▶ Make sure that the adapter's connector is inserted correctly. Do not force the connector into the port.
- ▶ The battery will remain fully charged for 3 to 4 hours.
- ▶ Only use the charger provided by the original provider. Using an unapproved charger might be dangerous and violate the authorization and warranty rules of the phone.
- ▶ If the phone is used too often when the battery is low or not used for a long time, the screen may not display the charge indicator until the battery has been continuously charged for 10 to 40 minutes.
- ▶ To get the maximum performance out of your battery, it is recommended that you completely charge the battery before using the phone for the first time. A new battery's full performance is only reached after three complete charge and discharge cycles have been finished.
- ▶ When the battery is fully charged, unplug the charger and disconnect it from the phone.
- ▶ You can use the provided charger or the USB data cable to charge the battery.
- ▶ Charging is only possible within a temperature range of 0 °C to 45 °C.

## **Basic Operation**

### **Touch Screen Controls**

#### **Touch or tap**

Tap or touch items on the screen to run the application or make a selection. Use the stylus to select with greater precision and *see* Section 9.10 to calibrate the touch screen controls.

#### **Swipe**

Swipe your finger vertically to scroll through contacts, messages, music, photos, and more.

#### **Slide**

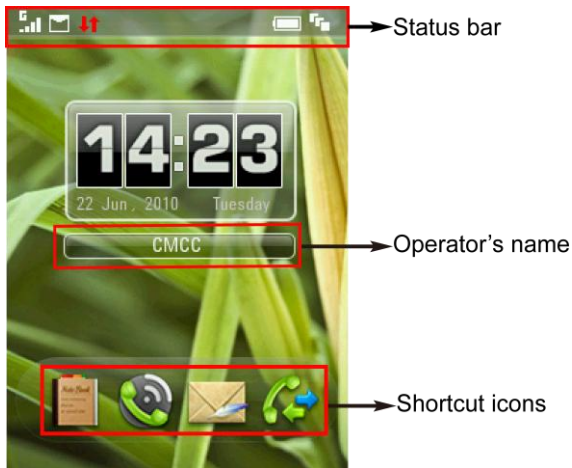
Press and hold your finger on the screen to drag. While dragging, do not release your finger until you have reached the target position.





#### **Flick**

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quicker strokes. This is always in a vertical direction, such as flicking through your contacts list.



















### Standby Mode

After powering on the phone, when the operator's name is displayed on the screen, the phone is in the standby mode and ready for use.



 <b>Contacts</b>	Save and manage your Contacts.
 <b>Dial</b>	Make and receive calls.
 <b>Messaging</b>	Send and receive MMS, and text messages.
 <b>Calls</b>	Display call log.

### Indicators and Icons

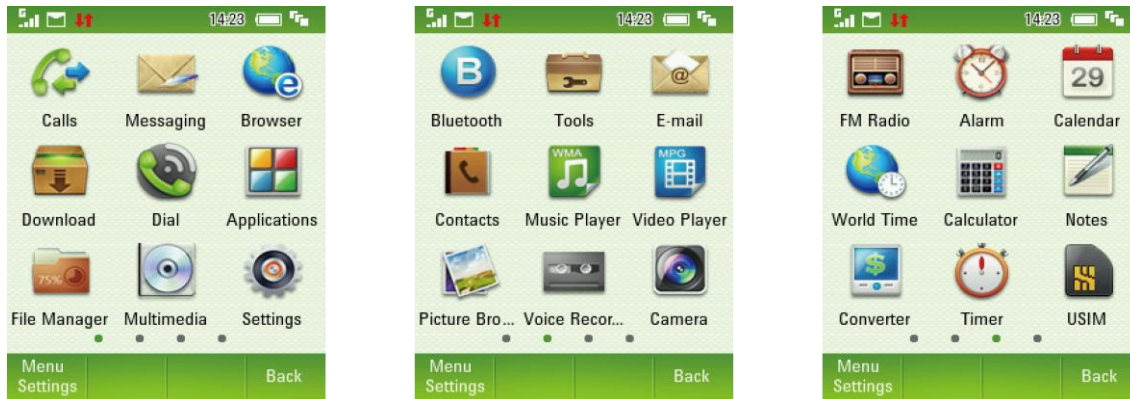
	3G Network Signal Strength		Battery status
	EDGE Network Signal Strength		Bluetooth on
	Missed voice call		Muti-Task management application
	Missed video call		Headset mode
	New SMS		Roaming
	New MMS		Silence and vibrate mode
	New Wap Push Message		Vibrate mode
	Alarm		Silent mode
	AM /		Airplane mode

	PM		
	Call divert		HSDPA mode
	Memory card		GPRS in use

## Menu Screen

Press the **Menu Key** to open main menu screen.

Slide left and right to switch between screens or select using the row of dots along the bottom:



## Customise the Main Menu

1. Press the **Menu Key** to enter the **Main Menu** screen.
2. Tap **Settings > Handset**
3. Slide up and tap **Menu Display Option** to customise the **Main Menu** screens to add or remove icons.
4. Tap **Back** to save your choices.



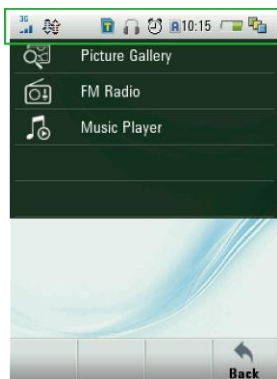
**Tips:**

If you exit by pressing the **End Key** your choices will not be saved

## Task Manager

The handset supports multi tasking - You can run multiple applications simultaneously.

Tap the status bar and slide your finger up to view the **Task Manager**.



Tap the **Status Bar** and **slide up** to open the **task manager**

From within an application press the **End Key** to end the application.

Press the **Menu Key** to select and start another application.

## Lock/Unlock Your Phone

1. **Lock the phone:** Press and release the **Lock Key** at the top of the handset to engage the key lock.
2. **Unlock the phone:** Tap and slide the lock symbol upwards to match the one at the top to unlock.



### Notes:

- ▶ If a call comes in when the keypad is locked, you can press the **Call Key** to answer it. When the call is ended or rejected, the keypad locks automatically.
- ▶ When the keypad lock is on, calls might still be possible to the emergency number.

# Chapter 2

## Text Input

### Text Input Method

F930 supports three language — English, Simple Chinese and Spanish.





F930 provides the following input methods: **EN (Word)**, **ABC**, **abc** and number input.

When you are in a field that allows characters to be entered, the text input mode indicator is shown in the soft keypad of the display.



Tap to change the input method

Indicator	Discription
# Word	EN input
# ABC	Capital input
# abc	Lowercase input
# 123	Number input
En	English
Es	Spanish
中	Simple Chinese

- To insert a **space** tap the **Space Key**  on the keypad. To **delete** tap **Back Space** .
- Tap the  on the keypad for common punctuation marks. Tap the  for special characters.
- ABC**, **abc** are multi-tap modes. Tap the key once for the first letter, twice for the second letter etc.
- In text input screens (e.g. SMS, MMS and Email) you can add your own words to the built-in **Dictionary** which is called **My Words**.
- Tap **Options** to access **My Words** to **New** to add words to the dictionary.

### Predictive Text Input

The predictive text method is based on a built-in dictionary and generates words from the combination of letters pressed.

Predictive text allows words to be entered more efficiently using a single key tap for each letter, as opposed to multiple key taps in multi-tap text mode. Compare how to write the word ‘the’:


Traditional multi-tap text mode (ABC, abc)	Predictive Text Mode (En)
Press 8 (tuv) once to select ‘t’	Press 8 once for ‘t’
Press 4 (ghi) twice to select ‘h’	Press 4 once for ‘h’
Press 3 (def) twice to select ‘e’	Press 3 once for ‘e’

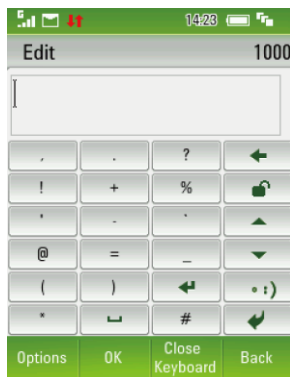


Tips:

- **Predictive text** uses a built-in dictionary to generate words from the sequence of letters pressed.
- Select the desired word from the available list through sliding up or down and tap it to confirm or choose **Spell word?** to save to **My Words**. Unknown words default to **Spell word?**
- If the next letter is on the same key, wait until the cursor appears to move the cursor on.

### Special Characters and SMS Message Length

Tap the  for special characters:





~€\   [] {}	Each time one of these symbols is used 2 standard SMS characters are transmitted.
	This symbol ( <u>~</u> above) is not part of the standard SMS character set. Each time one of these symbols is used the <b>entire</b> message is converted to Unicode. The maximum number of Unicode characters per SMS is 70.

# Chapter 3

## Contacts

You can store contacts with a variety of phone and fax numbers as well as additional address details.

The phone can store up to 500 items. The capacity of a phone book in your (U)SIM card depends on the type of (U)SIM card provided by your service provider. The saved location can be identified by the icon before the contacts.

	Show the contacts that are none of groups are stored in your phone memory.
	Show the contacts that are stored in your SIM card.

### *Adding a Contact*

1. Enter **Contacts**.
2. Tap **New** to create a **New Contact**.
3. Tap each field in turn to enter the name, number and other details as required
4. Tap on **Save** when done

### *Searching a Contact*

1. Enter **Contacts**.
2. Tap **Search**. Enter the letters of the name you are searching for



**Tips:**

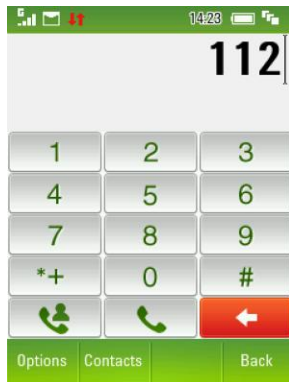
To find John' press the 5 key once for 'J'. All names starting with 'J' are displayed.





# Chapter 4

## Dial


### *Making a Call*

1. Start the **Dial** () application.




2. Tap the number pad to enter the required phone number.
3. Tap  to erase a digit, tap and hold  to erase all.
4. Tap the **Voice Call** () to make a voice call. Or tap the **Video Call** icon  to make a video call.

### *Making a Speed Dial Call*

Start **Dial** () application, tap and hold the corresponding number key (1~9) set in the speed dial list to make the call.

### **Speed Dial Settings**

1. Open **Contacts** and tap the required contact to add the speed dial.
2. Tap  to set speed dial.
3. Tap a number on the keypad to assign the speed dial.
4. Tap **Back** to exit when finished.

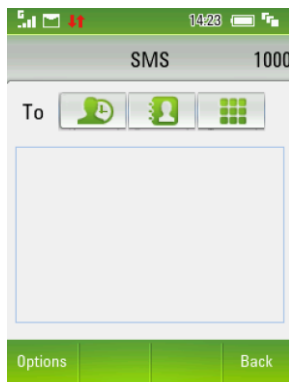




# Chapter 5

## Messaging

### *Sending a New SMS*

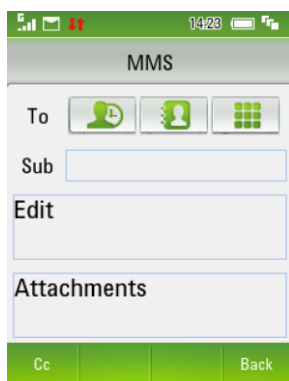
1. Enter SMS editing interface as shown below.





2. Tap  to enter the recipient's(s') phone number with using soft keypad.  
Tap to enter **Favorite Contacts** or tap  to enter **Contact**.
3. Tap the message area to enter text using the soft keypad.
4. Tap **Send** to send the SMS.

### *Sending a New MMS*

1. Enter MMS editing interface as shown below.

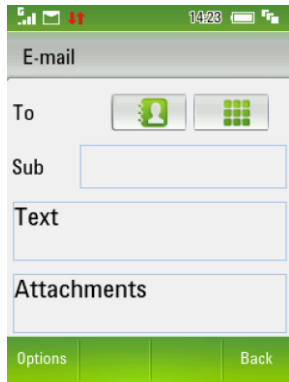



2. Tap  to enter the recipient's(s') phone number with using soft keypad.  
Tap to enter **Favorite Contacts** or tap  to enter **Contact**.
3. Tap the **Subject** field to enter a title if required.
4. Tap the message area to enter text using the soft keypad.
5. Tap the **Attachments** field to insert attachments if required.


6. Tap **Send** to send the MMS.

## ***Sending an Email***

1. Enter **E-mail** editing interface as shown below.



2. Tap  to enter the recipient's(s') phone number with using soft keypad.

Tap  to enter **Contact**.

3. Tap the **Subject** field to enter a title if required.

4. Tap the **Text** area to enter text using the soft keypad.

5. Tap the **Attachments** filed to insert attachments if required.

6. Tap **Send** to send the E-mail.

# Chapter 6

## **Calls**

Start the **Calls** application (  ) to check the calls log.

# Chapter 7

## Browser

1. Launch the **Browser** () to surfing the internet.

<b>Google Search</b>	Open the Google search page
<b>Homepage</b>	The home page is set by your Service Provider
<b>Enter Address</b>	Enter a web address manually using the keypad
<b>Bookmarks</b>	Link to a previously saved page
<b>History</b>	Display pages visited
<b>Saved Page</b>	View a local copy of a saved page
<b>Browser Settings</b>	Display browser settings (see below)
<b>Version Info</b>	Display current browser version

2. Tap **Browser Settings**

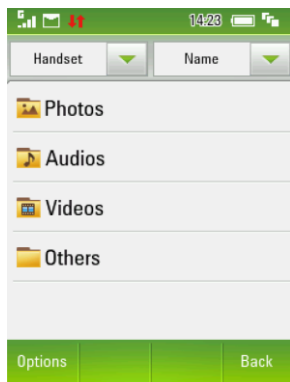
<b>Connections</b>	Sets the APN, preset by your service provider
<b>Advanced Settings</b>	Customise the browser display modes, sound, cache, cookies etc
<b>Clear Cache</b>	Clears all cache data
<b>Clear Cookies</b>	Deletes all cookie information
<b>Clear Autofill List</b>	Clears all history data
<b>Certificate</b>	List the root, CA and trusted certificates on the handset

# Chapter 8

## File Manager and External Memory

### File Manager


You can create a new folder, rename a folder, check folder attributes and delete unnecessary folders.



1. Tap **File Manager** to view **Photos, Audios, Videos** and **Others** as shown:

Folder	Contents	Description
<b>Photos</b>	Wallpaper	Background screens for the handset
	My Pictures	Default directory for downloaded pictures
	My Photos	Storage for your own pictures
<b>Audios</b>	Ring	Pre-loaded handset Ring Tones
	My Music	Default directory for downloaded audio
	My Audio	Storage for your own Audio files
<b>Videos</b>	My Videos	Default directory for downloaded videos
	My Kinescope	Storage for your own Video files
<b>Others</b>		Downloaded Internet files, JAVA apps etc.

Tap the **Handset** drop down box at the top of the screen and select **Micro SD Card** (if fitted)

 and  are trademark of SD Card Association.

# Chapter 9

## Bluetooth

Your phone includes Bluetooth used to connect your handset to wireless headsets and hands free car kits. You can also transfer files between your phone and other Bluetooth devices such as another phone or a laptop. Not all applications or devices can be supported as Bluetooth is an open forum and different manufacturers adopt different standards and implementation.

### ***Connect to a Bluetooth Device***

1. In standby mode, press the **Menu Key** to enter the main menu.
2. Slide left once and tap **Bluetooth**.
3. Tap **Bluetooth On/Off** to switch Bluetooth on. Tap **Visibility On**.
4. The phone name can be customised if required under **Local Attribute**.
5. Tap **Find Device** to look for Bluetooth devices nearby.



Notes:

The chosen device must be switched on and in pairing mode.

6. Available devices are listed in the device list. Tap the required device and tap **Yes** to pair.
7. Enter the **Password** for your device.
8. Once the password has been shared and accepted by both devices they are paired.
9. Select **My Device > Authorise** to enable un-prompted, automatic pairing (e.g. for Headphones)

### ***Use Bluetooth to send files to another device***

1. Browse through the folders to find the file(s) you want to send. E.g. My Photos
2. Tap **Options > Send via Bluetooth**.
3. Check the file(s) you wish to send and tap **OK**
4. Select the device you wish to send to or press **Search** to find a new device
5. Enter a **Password** and use the same **Password** on the other device (e.g. 0000) if required

Receive files from another device

1. When another device sends you a file tap **Yes** to authorise the connection
2. Tap **Yes** to accept the file

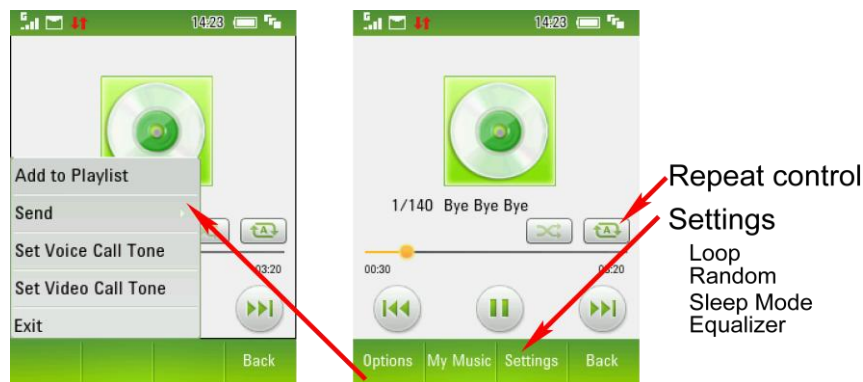
# Chapter 10

## Multimedia

Your phone allows you to use a camera, video camera, voice recorder, etc. to take photos, shoot video clips, record voice memos, etc.

### Music Player

Start the **Music Player** (🎵) to play back audio files. The player will scan the handset and memory card (if fitted) for all music files.



### Video Player

Start the **Video Player** (📺) to view and play back your video files.



Notes:

This application scans the handset for all your video files.

### Picture Browser

**Picture Browser** (🖼️) allows you to view and manage the picture files on your device.

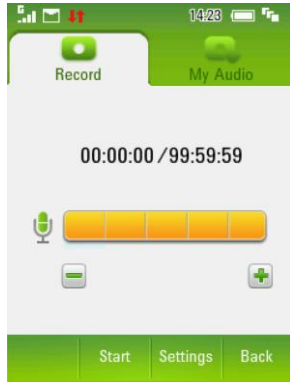


Notes:

This application scans the handset for all your picture files and displays them in sequence. You can flick between each picture or tap Slides to view an automated sequence.

### Voice Recorder

Start the **Voice Recorder** (🎙️) to record and save voice memos.



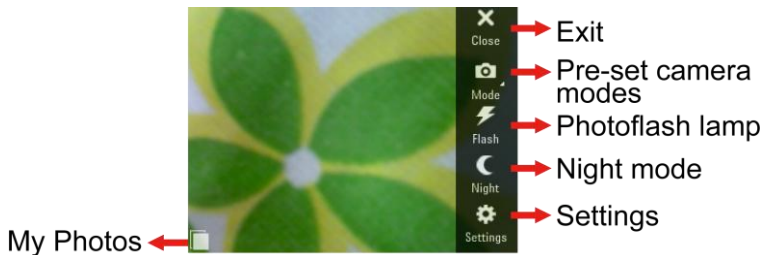
1. Tap **Start**, tap **Pause** if required.
2. Tap **Continue** to resume recording.
3. Tap **Cancel** to stop recording without saving.
4. Tap **Done** to finish recording and save the file.

## Camera

### Camera

Take photos or shoots video clips with accompanying audio.

1. In standby mode, long press the **Camera Key** to activate the camera.
2. Press the **Camera Key** to shoot.
3. Tap the screen to show the control panel.



Mode	Settings	Settings > More...
Camera	Brightness and Contrast	Shutter sound
Photo	Front or Back Camera	Location: Handset or Micro SD Card
Video	White Balance	Size *
MMS Video	Effect (Normal, Sepia or B&W)	Quality
E-mail Video	More...	

\* The default photo size is low resolution for easy sending by email or MMS. Change if required.

### Video camera

1. In camera mode, tap the screen to show the control panel.
2. Tap **Mode > Video** to switch to the **Video** mode.



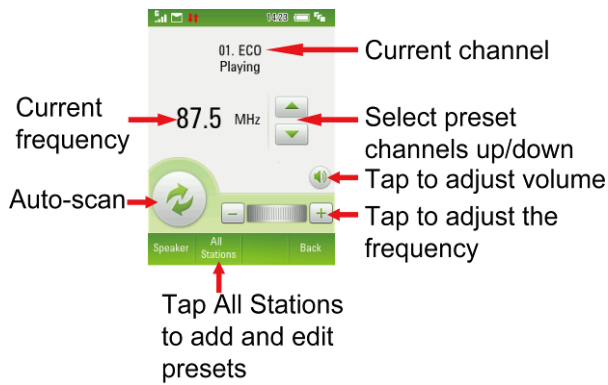
3. Press the **Camera Key** to start recording. Press the **Camera Key** again to stop recording.



Mode	Settings	Settings > More...
Camera	Brightness and Contrast	Record
Photo	Front or Back Camera	Location: Handset or Micro SD Card
Video	White Balance	Format
MMS Video	Effect (Normal, Sepia or B&W)	Quality
E-mail Video	More...	Other

### FM Radio

Start the **FM Radio** ( ) application to listen radio.



**Notes:**

- Insert the headset as the antenna to listen the FM radio.
- Tap **All Stations** to show all the channels and **Edit** the desired channel name and frequency.
- If an incoming call is received, the radio will suspend while you answer the call.

# Chapter 11

## PC Software

The PC software has two parts — **JoinME** and **DialUP**.

This software **only** supports Windows 7, Vista, and XP, but can not be guaranteed to run on these systems.

### Installing PC Software

1. Connect the phone and the computer with the USB data cable.

The **JoinME\_ZTE PC Suite** window will be **pop up** automatically.



Notes:

You can run the **AutoRun.exe** manually by selecting **My Computer > JoinME (CD-ROM)**.

2. Select **PC Suite** or **Dial UP** to install.

The driver will be **installed** automatically.

### Uninstalling PC Software



Tips:

Before uninstall, please close the program.

1. Select **Start > Program > JoinME > Uninstall JoinME** to uninstall **JoinME**.> > >

Or Select **Start > Program > DialUP > Uninstall DialUP** to uninstall **DialUP**.

2. Complete the uninstallation according to the prompt information.



### Running PC Software

Before running PC Software, please confirm:

1. Your handset is connected to the computer correctly.

2. Power on your handset.



Double click **JoinME** icon (  ) or **DialUP** icon (  ) on the desktop.

# Chapter 12

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## Settings

### *Screen Setting*

Enter **Settings > Screen**

1. Tap **Wallpaper** to choose the picture as wallpaper.
2. Tap **Backlight Duration** to adjust backlight duration time.
3. Tap **Brightness** to adjust the screen brightness.
4. Tap **Keylock Timeout** to set your desired time from the available choices — **10 sec, 15 sec, 30 sec and 60 sec.**

With **Keyguard Forbidden** the handset will not auto keylock. Press the **Keylock Button** at the top of the handset to manually engage keylock.

5. Tap **Keyboard Light** adjust how long the backlight for the keypad remains on.
6. Tap **Idle Greeting** to enter your required text. This is displayed in standby mode.
7. Tap **Greeting** to enter your required text. This is displayed during the start up sequence..
8. Tap **Touch Screen Calibration** to improve touch screen accuracy.

### *Handset Setting*

Enter **Settings > Handset**

1. Tap **Language** to set the current display language.
2. Tap **Time and Date** to set the time, date and display mode.
3. Tap **Menu Display Option** to set the main menu options.
4. Tap **Feedback** to activate or deactivate slight vibration function after each successful operation.
5. Tap **Default Memory** to set your default storage position.
6. Tap **Restore Default Settings** to reset the phone to the factory settings.

### *Profiles Setting*

Your handset supplies several predefined user profiles, and you can choose a certain profile according to your surrounding.

Enter **Settings > Profiles > General /Meeting /Outdoors /Silent /Airplane > Edit**

1. Tap **Ring Type** to set ring type.
2. Tap **Voice Call Ringtone** to set the voice call ring tone.
3. Tap **Video Call Ringtone** to set the video call ring tone.
4. Tap **Message Tone** to set the message ring.
5. Tap **Ring Volume** to set the ring volume.
6. Tap **Earpiece Volume** to set the volume in the earpiece .

7. Tap **Keytones** to turn off/on the keypad tone.
8. Tap **Warning Tone** to turn on/off the warning tone.
9. Tap **Missed Calls Tone** to set the missed call notification tone.
10. Tap **Power On/Off tone** to set the power on/off melody.

## **Connect Setting**

Enter **Settings > Connect**

1. Tap **Connection Settings** to create or edit the connection data for service providers.
2. Tap **Access Point Settings** to create or edit the access point.
3. Tap **PC Connection** to choose the connection method between your computer and phone.
4. Tap **Modem Settings** to set modem parameters, you can use data cable to connect handset and computer and use handset as modem.

## **Call Setting**

Enter **Settings > Call**

### **• IP Number**

Set the IP number for IP dial. You can only add one IP number. When you make an IP calling, the IP number will become the prefix of the called number to be sent automatically.

### **• Video Gateway**

All the fields are preset by your carrier. Contact your Service Provider for more details.

### **• Call Forwarding**

**Call Forwarding** allows you to divert your incoming calls to another phone number. Contact your service provider for more information and availability.

### **• Call Waiting**

If a call comes in when you are already on a call, you are notified with a call waiting tone. The phone shows the number/name of the waiting call. Contact your service provider for more information.

### **• Call Barring**

**Call Barring** allows you to restrict the calls that you make or receive. To change the settings, you need to have a network password from your service provider. Contact your service provider for more information.

### **• Send My Number**

This function allows you to send or hide your phone number when making calls. You can also select **Automatic**. The network then chooses whether to show/hide the phone number. This function requires network to support.

## **Security Setting**

Enter **Settings > Security**

1. Tap **Activate Security Code** to activate or deactivate the **Handset Password** or **PIN Code**.
2. Tap **Change Security Code** to change the **Handset Password** , **PIN Code** or **PIN2 Code**.
3. Tap **Fixed Dial Numbers** to only dial the numbers of the **Dial List**.

# Chapter 13

## Care and Maintenance

### *General Care*

- Do not allow the phone, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse the phone in any liquid.
- Do not place the phone next to computer disks, credit cards, travel cards and other magnetic media. The information contained on the disks or cards may be affected by the phone.
- Do not place anything in the folded phone.
- Do not paint the phone.
- Do not leave the phone or battery in places where the temperature could exceed 45 °C. For example, on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do not remove the phone's battery while the phone is turned on.
- Do not allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals.
- Do not dispose of the battery packs in a fire. The handset's Li-ION batteries may be safely disposed of at a Li-ION recycling point.
- Do not put the phone's battery in your mouth. Battery electrolytes may be toxic if swallowed.
- Do not attempt to dismantle the phone or any of its accessories.
- The phone has an internal battery. Take it to a qualified service engineer when battery replacement is required.
- There is a risk of explosion if the battery is replaced with the incorrect battery type. Dispose of the used battery in accordance with the manufacturer's instructions.
- Do not put a battery into a microwave oven, dryer or high-pressure container.
- Do not put the battery in direct contact with an electric outlet or cigarette lighter charger. Use only approved charger units.
- Do not pierce the battery with a sharp object, such as a needle.
- When the battery is thrown away, be sure it is non-conducting by applying vinyl tape to the (+) and (-) terminals.
- Do not disassemble or modify the battery.
- Do not drop, throw, or subject the handset to rough treatment.
- Stop using the battery if abnormal heat, odour, discoloration, deformation or any abnormal condition is detected during use, charge or storage.
- In the unlikely event of a battery leak, keep the battery discharge away from your eyes or skin. If the leakage comes into contact with the eyes or skin, please flush thoroughly in clean water and consult a doctor.
- Do not use a damaged or deformed battery.
- Do not directly solder a battery.
- If the battery's life cycle has expired, remove it from equipment immediately.
- The earpiece may become warm during normal use. In addition, the phone itself may become warm while the battery is being charged.

- When a phone is in vibration mode, the vibration can sometimes cause the phone to move.
- Be careful not to place the phone near heat sources (such as a heater) or too close to the edge of a table.
- Use a damp or anti-static cloth to clean the phone. Do not use an ordinary dry cloth or electrostatic cloth. Do not use chemical or abrasive cleaners as these could damage the casing.
- Third party equipment: The use of third party equipment, cables or accessories, not made or authorized by the manufacturer, may invalidate the warranty of your handset and adversely affect the phone's safety/operation.
- Remember to make backup copies of all of the important data on your handset.
- Remember to recycle: the cardboard packing supplied with this handset is ideal for recycling.

**Caution:**

There is a danger of explosion if battery is replaced by with the incorrect type. Dispose of used batteries according to the instructions.

### ***Aircraft Safety***

- Turn off your phone before the airplane takes off. To protect airplane's communication system from interference, using a mobile phone in flight is prohibited. If you want to use mobile phone before the airplane takes off, you should get aircrew's permission according to the safety regulations.
- If the mobile phone has an automatic timing power-on function, please check your alarm setting to ensure that your phone will not be automatically turned on during the flight.

### ***Hospital Safety***

- Switch off your phone and remove the battery in areas where the use of phones is prohibited.
- Follow the instructions given by the respective medical facility regarding the use of phones on their premises.

### ***General Guidelines***

- In some countries national law prevents unapproved private copying of copyrighted material. Please check the national legislation of the applicable country concerning the use of such material.
- Many jurisdictions have laws and regulations about taking pictures in public or private areas and regarding the processing and further use of such pictures. The manufacturer encourages its customers to obey all laws and to respect the personal rights of others.
- Please check the roaming agreement availability with your service provider.
- The use of mobile phones is not allowed in some radiation sensitive areas, such as hospitals, research centers and airplanes. The user is responsible for turning off the device. If there is any uncertainty, you should remove the battery from the handset.
- Observe any signs that indicate that you must turn off your phone, such as those near gas stations or explosives and turn off the phone immediately.
- If you have a heart condition, be careful with the settings for call vibration or tone volume.
- Do not allow children to play with the phone, charger or batteries.
- Do not use the phone where blasting is in progress.
- Do not try to make a call while the temperature of charging battery is above 45 °C.
- Take care not to put your phone in the back pocket of your trousers or skirt and then sit on it. In addition, do not put your phone at the bottom of a bag where it may subject to excessive weight or pressure.

Doing so may damage the LCD and camera lens and cause them to malfunction.

- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a phone is used next to them. Observe any caution signs and the manufacturer's recommendations.
- Do not leave the phone discharged or without a battery for a long time. Doing so may cause some data to be erased.
- Your phone contains metal, which may cause you to itch, or have a rash or eczema depending on your physical condition.

## **Road Safety**

- You must exercise proper control of your vehicle at all times. Give your full attention to driving.
- Observe all of the recommendations contained in your local traffic safety code.
- Pull off the road and park before making or answering a call, if driving conditions require this to be done.
- Check whether local laws and/or regulations restrict the use of phones while driving.
- You **MUST NOT** stop on the hard shoulder of a highway to answer or make a call, except in an emergency.
- Switch off your phone at a refueling point, such as a gas station, even if you are not refueling your own car.
- Do not store or carry flammable or explosive materials in the same compartment as the phone.
- Electronic vehicle systems, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment can advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems are being caused by radio transmissions, consult your dealer and do not switch on the handset until it has been checked by qualified approved installers.

## **Vehicles Equipped with an Airbag**

An airbag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the airbag or in the airbag deployment area. If in-vehicle wireless equipment is improperly installed and the airbag inflates, serious injury could result.

## **Third Party Equipment**

The use of third party equipment, cables or accessories, not made or authorized by the manufacturer, may invalidate the warranty of your handset and also adversely affect the handset's operation. For example, use only the manufacturer's power cable supplied with the AC charger.

## **Emergency Service**



Notes:

Emergency service numbers vary by country. They help you to get emergency service from the operator.

To make an emergency call in any country:

1. Ensure that your handset is on and in service.
2. Press the **End Key** as many times as needed to clear the display and ready the device for calls.



3. Enter the local emergency number for your current location, for example, 911.
4. Press the **Call Key** to dial the number. Follow the instructions you receive and do not end the call until told to do so.

When the (U)SIM card is not inserted, enter the official emergency number directly and press **Call Key** or **OK key [Call]** to dial the number.



**Notes:**

- Tell the operator which service you require: Police, Ambulance, Fire Brigade, Coastguard or Mountain Rescue Service. Tell them where you are and remain stationary to maintain contact if possible.
- Due to the nature of the cellular system, the connection of emergency calls cannot be guaranteed. You should never rely solely on any wireless device for essential communications, such as medical emergencies.

## ***Declaration of Conformity***

We declare under our sole responsibility that the product(s) detailed in this manual, and in combination with our accessories, conform to the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive requirements 3.1(a), 3.1(b), 3.2.

## ***Privacy Information***

Camera usage and photo/audio/video recordings carried out with the phone can offend the confidentiality of the subjects. The user therefore is held to respect legislation in matters of confidentiality and remains the only responsible subject in the case of eventual violations of the enforced norm.

## ***Copyright Notice***

The video/audio recordings you make/download are protected by copyright laws. They are for personal use only and must not otherwise be used without the permission of the copyright owner.

# Chapter 14

## Troubleshooting and FAQs

If you encounter problems while using the phone, or if it performs erratically, you can consult the information in the chart below. If your particular problem can not be resolved using the information in the chart, contact the dealer of handset.

Problem	Possible causes	Possible solution
Poor reception	<ul style="list-style-type: none"> <li>The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions can not effectively reach it.</li> </ul>	Move to a location where the network signal can be properly received.
	<ul style="list-style-type: none"> <li>The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).</li> </ul>	Avoid using the phone at such times, or try again after waiting a short time.
	<ul style="list-style-type: none"> <li>You are too far away from a base station for your service provider.</li> </ul>	You can request a service area map from your service provider.
Echo or noise	<ul style="list-style-type: none"> <li>Poor network trunk quality on the part of your service provider.</li> </ul>	Press <b>End Key</b> and dial again. You may be switched to a better-quality network trunk or phone line.
	<ul style="list-style-type: none"> <li>Poor local telephone line quality.</li> </ul>	Press <b>End Key</b> and dial again. You may be switched to a better-quality network trunk or phone line.
Unable to select certain features	<ul style="list-style-type: none"> <li>Your service provider does not support these features, or you have not applied for services that provide these features.</li> </ul>	Contact your service provider.
Battery will not charge.	<ul style="list-style-type: none"> <li>The battery or battery charger is damaged.</li> </ul>	Contact the dealer.
	<ul style="list-style-type: none"> <li>The phone's temperature is below 0 °C or higher than 45 °C.</li> </ul>	Adjust the battery charging environment to avoid extremes of temperature
	<ul style="list-style-type: none"> <li>Poor contact between the battery and charger.</li> </ul>	Check all connectors to make sure all connections have been properly made.
Shortened standby time	<ul style="list-style-type: none"> <li>The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.</li> </ul>	If you are located in an area where signaling is weak, temporarily switch off the phone.
	<ul style="list-style-type: none"> <li>The battery is depleted. In high-temperature environments, battery life will be shortened.</li> </ul>	Use a new battery.
	<ul style="list-style-type: none"> <li>If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.</li> </ul>	Change your location to one where the network is accessible, or temporarily turn off your phone.
You cannot switch your phone on.	<ul style="list-style-type: none"> <li>Battery power has been depleted.</li> </ul>	Recharge the phone's battery.
(U)SIM card error	<ul style="list-style-type: none"> <li>(U)SIM card malfunction or damage.</li> </ul>	Take the (U)SIM card to your service provider for testing.

Problem	Possible causes	Possible solution
	<ul style="list-style-type: none"> <li>• (U)SIM card inserted improperly.</li> </ul>	Insert the (U)SIM card properly.
	<ul style="list-style-type: none"> <li>• Debris on the (U)SIM card contacts.</li> </ul>	Use a soft, dry cloth to clean the (U)SIM card contacts.
Unable to connect to the network.	<ul style="list-style-type: none"> <li>• (U)SIM card invalid.</li> </ul>	Contact your service provider.
	<ul style="list-style-type: none"> <li>• You are not within the network's service area.</li> </ul>	Check the service area with your service provider.
	<ul style="list-style-type: none"> <li>• Poor signal.</li> </ul>	Move to an open space, or if you are inside a building, move closer to a window.
You cannot answer incoming calls.	<ul style="list-style-type: none"> <li>• You have activated the Call Barring feature.</li> </ul>	Go to <b>Settings &gt; Call &gt; Call Barring</b> , and then select Cancel all call barring.
You cannot make outgoing calls.	<ul style="list-style-type: none"> <li>• You have activated the Call Barring feature.</li> </ul>	Go to <b>Settings &gt; Call &gt; Call Barring</b> , and then select Cancel all call barring.
	<ul style="list-style-type: none"> <li>• You have activated the Fixed Dial Number feature.</li> </ul>	Go to <b>Settings &gt; Security &gt; Fixed Dial Numbers</b> and select <b>OFF</b> to turn this feature off.
PIN code is blocked.	<ul style="list-style-type: none"> <li>• You have entered an incorrect PIN code three consecutive times.</li> </ul>	Contact your service provider. If the service provider provides the (U)SIM card's PUK code, use the PUK code to unlock the (U)SIM card.
Unable to enter information into the phone book.	<ul style="list-style-type: none"> <li>• The phone book's memory is already full.</li> </ul>	Delete unnecessary data from the contacts ( <b>Directory</b> ).

# Chapter 15

## Specifications

The phone specifications are shown in the following table.

Network Compatibility	HSDPA/UMTS 850/1900/2100MHz GSM/GPRS/EDGE 850/900/1800/1900MHz
Dimensions (H×W×D)	92mm*53mm*13.5mm
Weight	83g (with battery)
Display	240*320 pixels, 262 K Color TFT QVGA Screen, 2.4 inch
Camera	3M/300K pixels dual cameras
Extended memory	Up to 16G memory card
Battery	Li-ion 900mAh
Performance	MP4 video, MP3 audio, 3.0/0.3MPixel camera, Video Phone, USB, MIDP 2.0 JAVA, TFT, 2.4" , 240*320, 262K pixels touch-screen, MMS, Email, Calendar, Speakerphone, Voice Recorder, Bluetooth 2.1 Stereo, Supports 16GB Memory card, FM Radio, USB Mass Storage.
Continuous idle time	Up to 200 hours
Continuous talk time	150 minutes on GSM network, 150 minutes on WCDMA network, Video call >60 minutes
Charge time	Approximately 3 hours
Battery Life	Approximately 400 charge cycles
Supported Files	JPG, BMP, GIF, MP3, WAV, MID, WMA, MMF, AMR, MP4, 3GP, TXT
Bluetooth 2.1	OPP, FTP, HSP, HFP, A2DP, AVRCP, DUNP, PBAP

# Chapter 16

## Radio Frequency (RF) Energy

- This model device meets the government's requirements for exposure to radio waves.
- This device 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 devices 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 device 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 device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power 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 1.19 W/kg.
- While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.
- The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on:
- FCC ID: Q78-ZTEF930.
- For body worn operation, this modem has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and 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.

# Chapter 17

## **FCC Compliance (FOR PART 15B/PART 15C)**

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.

Caution: Changes or modifications not expressly approved by the manufacturer 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.

NONE PART 15B/PART 15C is as below

# Chapter 18

## Disposing of Your Phone

The symbol  on the equipment indicates that it must be the object of “separate collection”.

Therefore, the customer has to contact local authorities to determine the proper disposal methods for that municipality or deliver it to the retailer in exchange for newly purchased equipment.

The separate collection of garbage and the successive operations of treatment, recovery and waste help in the production of equipment made with recycled material and limits the hazardous effects on the atmosphere and health caused by improper management of garbage.

The illicit disposal of the product by the customer involves the application of the administrative endorsements of which to article 254 and following of the D.Lgs. 152, April 3rd 2006.

According to the article, the 13, D.Lgs. 25th July 2005, n. 151 “Performance of the Directives 2002/95/CE, 2002/96/CE and 2003/108/CE, relative to the reduction of the use of dangerous substances in the equipment electronic electrical workers and, let alone to the disposal of the refusals”.