ZTE R54
HSDPA Dual Band 3G Mobile Phone
User Manual

LEGAL INFORMATION

Contents

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Safety Information

General Care

Your handset contains delicate electronic circuitry, magnets and battery systems. You should treat it with care and give particular attention to the following points:

- Do not allow the handset, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse the handset in any liquid.
- Do not place the handset alongside computer disks, credit cards, travel cards and other magnetic media. The information contained on disks or cards may be affected by the handset.
- Do not place anything in the folded handset.
- Do not paint the handset.
- Do not leave the handset or the battery in places where the temperature could exceed 60 °C, e.g. on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do not remove the handset's battery while the handset is switched on.
- Take care not to allow metal objects, such as coins or key rings to

contact or short-circuit the battery terminals.

- Do not dispose of 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 handset's battery in your mouth, as battery electrolytes may be toxic if swallowed.
- Do not attempt to dismantle the handset or any of its accessories.
- This equipment is fitted with an internal battery; take it to a qualified service engineer when the replacement of the battery is required.
- There is a risk of explosion if the battery is replaced with an 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 contact battery directly to an electric outlet or cigarette lighter charger. Use only approved charger units.
- Do not pierce 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, odor, discoloration, deformation, or 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 does come into contact with the eyes or skin, please flush thoroughly in clean water and consult with a doctor.
- Do not use a damaged or deformed battery.
- Do not solder a battery directly.
- Remove the battery whose life cycle has expired from equipment immediately.
- The earpiece may become warm during normal use. Also, the handset itself may become warm while the battery is being charged.
- When a handset is in vibration mode, the vibration can sometimes cause the handset to move.
- Be careful not to place the handset near heat sources (such as a heater) or too close to the edge of the table.
- Use a damp or anti-static cloth to clean the handset. 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 manufacturer, may invalidate the warranty of your handset and also adversely affect the phone's safety/operation.
- Remember to make backup copies of all important data on your handset.

- Remember to recycle: the cardboard packing supplied with this handset is ideal for recycling.

Caution:

Caution explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

General Guidelines

- In some countries national law 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 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 to power-off the device. If there is any uncertainty, you should remove the battery from the handset.
- Observe any signs that indicate powering off your handsets, such as those near gas stations, or explosives and power off the handset/device immediately.

- If you have a heart condition, be careful with the settings of call vibration or tone volume.
- Do not allow children to play with the handset, charger or batteries.
- Do not use the handset where blasting is in progress.
- Do not try to make a call or conversation while the temperature of charging battery is above 50°C.
- Take care not to put your handset in the back pocket of your trousers or skirt and then sit on it. Also, do not put your phone at the bottom of bag where it may subject to excessive weight or pressure. Doing so may damage the LCD and camera lens and cause them malfunction.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a handset is used next to them. Observe any caution signs and the manufacturer's recommendations.
- Do not leave the handset discharged or without a battery for a long time, otherwise some data may be erased.
- Your phone contains metal, which may cause you an itch, 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

documentation.

- Pull off the road and park before making or answering a call, if driving conditions require so.
- Check if local laws and/or regulations restrict the use of handsets while driving.
- You must not stop on the hard shoulder of a motorway to answer or make a call, except in an emergency.
- Switch off your handset 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 handset.
- 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 caused by radio transmissions, consult your dealer and do not switch on the handset until it has been checked by qualified approved installers.

Hospital Safety

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

the use of handsets on their premises.

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 mains cable supplied with the AC charger.

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.

Aircraft Safety

- Power off your phone before the airplane takes off. In order to protect airplane's communication system from interference, it is prohibited to use mobile phone in flight. If you want to use mobile phone before the airplane takes off, you should get aircrew's permission according to safety regulations.
- If the mobile phone has the function of automatic timing power-on, please check your alarm setting to ensure that your phone will not be

automatically powered on during the flight.

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.

Emergency service

Notes: Emergency service numbers vary by country. It helps you 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 **End Key** as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location, for example, 112 (the international emergency number).

Enter a local emergency service number, such as 112 (the international emergency number).

4. Press **Call key** to dial the number. Follow instructions received and do not end the call until told to do so.

When the (U)SIM card is not inserted or when the dial lock function is on, press **Right Soft Key [SOS]** and then enter the official emergency number for your present location. 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 like medical emergencies.

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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".

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Limitation of Liability

ZTE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using this product, whether or not ZTE had been advised, knew or should have known the possibility of such damages.

C h a p t e r   3

Your Phone

Instruction

The R54 features 3G technology and works seamlessly across the WCDMA/GSM networks, so you'll get high-speed, broadband-quality connectivity wherever you go.

This manual will help you make the most of your new phone. The pictures and icons in this manual are meant for illustrative purposes only and may not look exactly like those found on your phone.

And when using your R54, please make sure you obey the laws of the country you are in, and respect the privacy and rights of others, including copyright.

Overview

Front Camera — Earpiece

Display

Navigation Keys — OK Key

Left Soft Key — Right Soft Key
Voice Call Key — End Key
PTT Urgent Call Key — C Key

Number Keys

* Key — # Key

Microphone

Antenna Port

Camera

Speaker

Volume

USB, Headphones
& Charging Port

PTT Key

Cover lock

Keys and Functions

Key	Function Description
Right/Left Soft Key	The bottom line of the display shows the options that can be selected by using the **Left** and **Right Soft Keys**. The options change depending on the application/function being used.
Voice Call Key	• Press the **Voice Call Key** to dial or answer calls. • In standby mode: Press the **Voice Call Key** to show a list of dialed calls.
End Key	• Press and hold the **End Key** to turn the phone on/off. • Press the **End Key** to end a call. • Press the **End Key** to reject an incoming call. • Press the **End Key** to cancel dialing. • Press the **End Key** to return to the **Main Menu** or standby mode.
C Key	• Press once to delete character before the cursor during text entry. • Long press to delete all characters during text entry.

Key	Function Description
Navigation Keys (Up/Down/Left/Right Key)	• In standby mode: Used as hot keys to enter the designated functions. • To designate the functions accessed by the navigation keys. • In lists, messages and menus: scroll up, down, left and right.
OK Key	• In standby mode: Press to enter main menu. • In lists and menus: Start an application/function.
Number Keys	• Press the number keys to enter a phone number. • Press and hold keys **2** to **9** to dial the associated speed dial contact.
* Key	• Press the *** Key** to enter *. • Press and hold the *** Key** to lock the keypad. • In an editing screen: Press the *** Key** to enter punctuation and symbols.

Key	Function Description
# Key	• Press the **# Key** to enter #. • In an editing screen: Press the **# Ke**y to change the input method. • In standby mode: Press and hold the **# Key** to activate meeting mode with vibration.
PTT Urgent Call Key	Press to send PTT urgent call.
PTT Key	In standby mode: Press to enter PTT menu.

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Starting Up

Open the Back Cover

1. Rotate the locking screw to the right to unlock the battery cover.

2. Open the battery cover using the thumb notches on the bottom on the cover.

Installing the Battery

Tips: 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.

1. Carefully insert the battery with the contacts located against the gold springs.
2. Push down the battery until it clicks into place.
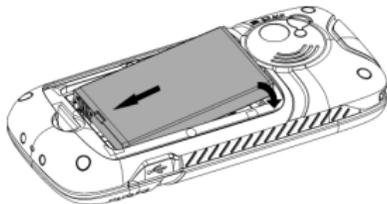
Installing the (U)SIM Card

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

Hold the (U)SIM card with the metal contacts facing downward and the cut corner at the top left. Insert the card into the card holder and push it until it clicks into position.
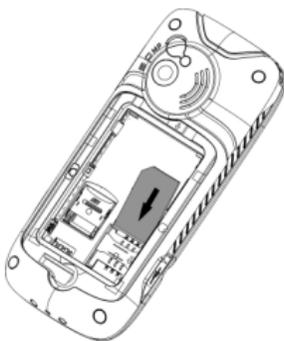
Inserting the Memory Card

Tips:

Your phone can support a memory card with an up to 8GB capacity.

Caution:

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

1. Open the back cover; locate the memory card holder, slide and lift to open.
2. Insert the memory card as shown with the gold contacts facing down.

3. Close the card holder and make sure the card is correctly aligned.

Charging

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.

Open the USB port cover and insert the charger's USB adapter into the USB port.
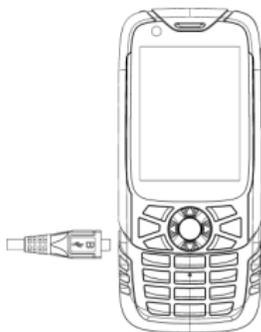
Notes:
- Make sure the adapter's connector is inserted correctly. Do not force the connector into the port.
- The battery will remain fully charged for 3 to 4 hours.
- If the phone is used too often when the battery is low or not used for a long time, the screen may not display the charge indicator until 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.
- Charging is only possible within a temperature range of **0°C** to **45°C**.

Security Code

Handset Code

Handset password can protect your handset efficiently and avoid illegal usage. If handset password protection is activated, you should input the correct password at handset start-up.
- For a new bought handset, the protection function is not activated and the default password is 0000.

- In standby mode, select **Menu > Settings > Security > Activate security codes > Handset code** to start or stop password protection.
- In standby mode, select **Menu > Settings > Security > Change security codes > Handset code** to change handset password. It is suggested to change the password according to your requirement.

Notes:

Please remember the password you set, without it your phone cannot be used normally and you will need to contact your service provider to unlock it.

PIN Code

PIN code is the personal identification code of (U)SIM card, used to avoid illegal usage for your (U)SIM card. Once PIN code is started, the correct PIN code should be input at handset start-up.

- For the new bought card, the default code is supplied by the service provider.
- In standby mode, select **Menu > Settings > Security > Activate security codes > PIN code** to start or stop PIN code.
- In standby mode, select **Menu > Settings > Security > Change security codes > PIN code** to change PIN code.
- If you input wrong PIN code continuously for three times, the (U)SIM card will be locked, and you are prompted to input PUK code to unlock.

Notes:
If you change PIN code, please remember it clearly.

PIN2 Code

PIN2 is needed for some settings.
For the new bought card, the default code is supplied by the service provider.
In standby mode, select **Menu > Settings > Security > Change security codes > PIN2 code** to change PIN2 code.

PUK Code

PUK code is the specified unlock code for (U)SIM card, when (U)SIM card is locked, input the correct PUK code and then input the new set PIN code, (U)SIM card then can be used normally.

- PUK code may be supplied with the new bought card, the detail can refer to the service provider.
- PUK code can only be input continuously for 10 times. If you input wrong PUK code for 10 times, the (U)SIM card will be locked indefinitely.

Notes:
If PUK code is supplied with the new bought card, please keep it safely.

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Basic

Power On/Off

Caution:

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 the phone.

1. When being asked, enter your (U)SIM PIN (Personal Identification Number) code or handset unlock code and press the **OK Key** to confirm.

Tips:

The PIN code is the password provided by your network service provider. You need this password to use the (U)SIM card.

2. When the entered PIN code or handset unlock code is accepted, the phone will automatically search for the designated network. After a few seconds, your phone will show the standby mode.

To power off the phone, press and hold the **End Key** from the standby mode.

Notes:

If you enable **Auto power on/off** function, the phone will power on/off automatically at the predefined time.

Standby Mode

After power on the phone, when the name of network is displayed on the screen, the phone is in the standby mode and ready for use.

Status bar

Operator's name
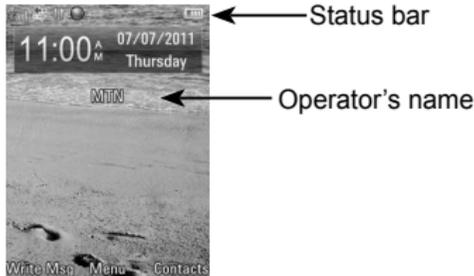
Indicators and Icons

$\mathbb{T}_{\text{ill}}$	Network signal strength		Alarm
3G	WCDMA network		Bluetooth on

G	GSM network	E	EDGE network
✉	New SMS	▥	Battery status
✉	SMS memory is full.	✉	WAP push message is full
✉	New MMS	📱	Vibrate mode
✉	MMS memory is full	🎧	Headset mode
@	New E-mail	🔇	Silence
@	E-mail memory is Full		PDP Data Available
✉	New WAP push message		PDP Data Connected
	Mute and vibrate	R	Roaming
📱	Missed voice call	🚗	Car kit atttached
📱	Call divert	H	High speed data, HSDPA
🌐	GPS in use	📱	Missed video call

Main Menu

In standby mode, press the **OK Key [Menu]** to enter main menu.

Tools
1. Bluetooth
2. Alarm
3. Calendar
4. Stopwatch
5. World Time
6. Calculator
7. Converter
8. GPS

Browser
1. Enter Address
2. Bookmarks
3. History
4. Saved Page
5. Home Page
6. Settings
7. V e r s i o n

Games & Apps

Contacts

Messages
A Message
1. Create message
2. Inbox
3. Outbox
4. Drafts
5. Sent
6. User folders
7. (U)SIM Inbox
8. Cell Broadcast
9. Settings
10. Memory info.

Messages
B Email
1. New Email
2. Inbox
3. Outbox
4. Drafts
5. Sent
6. User folders
7. Settings
8. Memory info.

Recent Calls
A All calls
B Missed calls
C Received calls
D Dialed calls

Multimedia
1. Camera
2. Video camera
3. FM radio
4. Music
5. Video
6. Picture
7. Audio record

MTN PTT

File Manager
A Phone
B Memory card

Settings
A Profiles
1. General
2. Meeting
3. Outdoor
4. Silent
5. Carkit
6. Flight

Settings
B Phone
1. Language
2. Time and Date
3. Missed calls alert
4. Shortcut keys
5. Auto keyguard
6. My phone number
7. Download location
8. Master Reset
9. Auto power on/off

Settings
C Display
1. Wallpaper
2. Backlight duration
3. Brightness
4. Keyboard light
5. Owner name
6. Greeting

Settings
D Connections
1. Network settings
2. Access point settings
3. Modem setting
4. Profile connect
5. PC connection

Settings
E Calls
1. Call forwarding
2. Call waiting
3. Call barring
4. Send my number
5. Videophone setting

Settings
F Security
1. Activate security codes
2. Change security codes
3. Fixed dial numbers
4. F D N   l i s t

Calendar
Camera

Auto power on/off

Use this function to power on/off your phone automatically at the predefined time.
1. In standby mode, press the **OK Key [Menu]** to enter the main menu.
2. Select **Settings > Phone > Auto power on/off**, and press the **OK Key [Select].**
3. Switch state to **On/Off** to enable/disable this function.
4. Input **Time**, if you enable this function, then your phone will auto power on/off automatically at the predefined time.

Keypad lock

Use the keypad lock to prevent the keys from being accidentally pressed.
1. You can select **OK Key [Menu] > Settings > Phone > Auto keyguard** and select **No autokeyguard** to lock keypad manually.
2. You can select **OK Key [Menu] > Settings > Phone > Auto keyguard** and set the keypad locking automatically as 10 seconds, 15 seconds, 30 seconds or 60 seconds.
3. In standby mode, press and hold *** Key** to lock keypad manually.
If you want to unlock the keypad, press the **OK Key [Unlock]**, and then press *** Key** to unlock.

Tips:
- When the keys are locked, **Unlock** is shown on the display.
- If the call is coming when the keypad is locked, you can press the **Voice Call Key** to answer. After ending or rejecting the call, the keypad will be locked automatically.
- When the keypad lock is on, calls may be possible to the official emergency number programmed into your device.

Making Calls

You can call the numbers of the other party directly or you can make a call through directory, call log, and speed dial numbers.
1. In standby mode, enter a phone number.
2. Press the **Voice Call Key** to make a voice call.
Or Select **Options > Call > Video call** to make a video call.

Options for Voice Call

During a call, you can press the **Left Soft Key [Options]** for more options. The options vary depending on the function you are currently using.
- **Hold /Active**: Put the current call on hold or retrieve the call.
- **End call**: End the current call.
- **Record**: Record the current call. You can also press the **OK Key [Stop]** to stop recording.

- **DTMF off/on**: Disable or enable sending the DTMF tone.
- **Message**: Switch to the **Message** menu during a call.
- **Contacts**: Switch to the **Contacts** menu during a call.
- **Browser**: Browse the Internet during a call.

Options for Video Call

During a video call, you can press the **Left Soft Key [Options]** for more options. The options vary depending on the function you are currently using.
- **Hold/Cancel hold**: Put the current call on hold or retrieve the call.
- **Start recording video**: Record the current call. You can also press the **OK Key [Stop]** to stop recording.
- **Block/Activate my image**: Block or send my picture during the call.
- **Use back/front camera**: Switch between the front and back camera.
- **Zoom**: Adjust the image size.
- **PIP off/on**: Close or open the local image.
- **Exchange PIP**: Switch between the primary and secondary screen.
- **New text message**: Switch to the new text message interface.
- **Contacts**: Switch to the contacts interface.

Calls History

In standby mode, press the **OK Key [Menu]** and select **Recent Calls** to check the call log.

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Text Input

Your phone provides the following input methods: Predictive Text Mode Input (**eZiEng**), Multitap Input (**abc/ABC**), and Numbers Input (**123**).

Operation	Method
Input Words	**eZiEng** Input — Press each key once that corresponds to the letter you want to enter. The letters are shown on the display as they are entered. The list of candidate words changes as each key is pressed.
Input Letters	**abc/ABC** Input — Press a number key (**2** to **9**) repeatedly until the required character is shown on the screen.
Input Numbers	**123** Input — Press the number keys to input numbers directly.
Input Space	Press the **0 Key,** except for the number input mode.
Move the cursor up, down, left , or right	Press the **Navigation Keys.**

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Contacts

Adding Contact

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

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

1. In standby mode, press the **Right Soft Key [Contacts].**
2. Select **Left Soft Key [Options] > Add new contact**, and press the **OK Key [Select].**
3. Enter the information of contact, such as name, number, and so on.
4. Press the **OK Key [Save]** to save the new contact.

Searching Contact

1. In standby mode, press the **Right Soft Key [Contacts].**
2. Enter a letter, and then the phone will show all the contacts starting with such a letter.

Eg: To search "John", press the **5 Key** once for 'j'. All names starting with 'J' or 'j' are displayed.

3. Refine the search by entering a subsequent letter that occur next the previous letter in the name.

Eg: 'Jo' will find 'John' and 'Jones', but not 'Jmoes'.

Setting Speed Dial

1. In standby mode, press the **Right Soft Key [Contacts].**
2. Use the **Navigation Keys** to select a contact, press the **Left Soft Key [Options]** and select **Set speed dial.**
3. Press the **Up Key** or **Down Key** to select an **empty** slot.
4. Press the **OK Key [Setup]** to finish.

Making a Speed Dial

Notes:

The **1 Key** is reserved for the Voicemail number.

1. In standby mode, press and hold the corresponding number key (**2** to **9**) in the speed dial list to make the call.
2. Press the **End Key** to end the call.

Other Options

Select the **Right Soft Key** to enter the **Contacts**. Press the **Left Soft Key** to enter the submenu list, and you can do the following operations:

Options	Function
Send message	You can send SMS to the contact.
Dial	You can make a voice or video call.
Add new contact	Add one new contact.
Add to	Assign the currently selected contact to one group.
Send Bus. Card	You can send the contact information via SMS, MMS, Email or Bluetooth.
Edit contact	Edit the selected contact information.
Set speed dial	You can set this contact as speed dial number.
Delete contact	Delete the currently selected contact.

Options	Function	
Advanced	**Batch send via bluetooth**	You can send more contacts via Bluetooth.
	SIM Management	Copy/Move this contact or all contacts stored in the phone to (U)SIM card, or vice versa.
	Delete Contact(s)	Delete the selected contact(s).
	Default memory	You can select the **Phone** or **(U)SIM** Card to save your contacts.
	Speed Dial info.	Show the speed dial list.
	Service dial number	Show the service dial number.
	Memory info.	Shows the capacity used and the total capacity of the memory in the phone and the (U)SIM card.

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Message

Sending SMS

1. In the standby mode, press the **Left Soft Key [Write Msg].**
2. Enter the recipient(s) party's number. (Or Press the **OK Key [Recipient]** to choose the recipient(s))
3. Press the **Down Key** to the text field.
4. Edit the message.
   Select **Left Soft Key [Options]> Templates** to insert pre-set message.
5. Press the **OK Key [Send]** to send the message.

Sending MMS

1. In the standby mode, press the **Left Soft Key [Write Msg].**
2. Enter the recipient(s) party's number. (Or Press the **OK Key [Recipient]** to choose the recipient(s))
3. Press the **Down Key** to the text field.
4. Select **Left Soft Key [Options]** to insert image, audio, video, or attachment(s).
5. Edit the message.

6. Press the **OK Key [Send]** to send the message.

Sending Email

1. In standby mode, press the **OK Key [Menu]** to enter the main menu.
2. Select the **Messages > Email > New Email**, and press the **OK Key [Select].**
3. Enter the recipient's E-mail address. (Or press the **OK Key [Contact]** to choose the recipient(s))
4. Press the **Down Key** twice to the **Copy to Field** and enter the recipient(s) party's E-mail address.
5. Press the **Down Key** twice to the **Title field** and enter the title of your E-mail.
6. Edit the Email.
• Press the **Left Soft Key [Options]** to insert **Files, New image, New audio, New video, Attachments, Templates**, or **Insert signature.**
7. Press the **OK Key [Send]** to send your Email.

Message Settings

You can view or change the message settings. The message centre number is stored on your (U)SIM card supplied by your service provider. The MMS and SMS settings are preset by your Service Provider.
From the main menu, select the **Messages > Settings,**

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Mul. Msg. Settings

Retrieval Settings	**Automatic**: Retrieve the new multimedia message automatically without selecting Retrieval in the notification message. **Manual**: Retrieve the new multimedia message manually.
Delivery mode	You can set immediate delivery or defer it for a specified period of time.
Delivery time	You can set a specified period of time to send MMS when you set After sending in Delivery mode. The max delivery time is 99 hours.
Time per page	You can set the playing time of each page.
Delivery report	If you request delivery reports for messages, you will receive a popup message to inform you when the message is delivered to the recipient.
Validity	You can configure the validity period of outgoing messages. Your network will save your messages in this specified period of time.
Anonymous Msg.	You can choose to accept or reject anonymous message.

Connections	Please consult the service provider for detailed information.
PUSH Message	You can accept or reject PUSH message.
Priority	There are three options: Low, High, and Normal.

Text Msg. Settings

SMS center number	Enter the SMS center number. Contact your service provider for more information.
Expiration Time	The length of time in which the message center will attempt to deliver the message until it is received.
Delivery Report	You can select **On**/**Off** to receive or reject a popup message to inform you when the message is delivered to the recipient.

Cell Broadcast Settings

Receive	Choose whether to receive cell broadcast messages.
Language	Select the language of retrieved cell broadcast messages.
Channel	Set the cell broadcast channels.

Email Settings

From the main menu, select the **Messages > Email > Settings**, and press the **OK Key [Select]** to make the following settings.

Mailbox Settings	Select the mailbox from the list.
Automatic Retrieval	Select to not retrieve the Email or retrieve it automatically during a set period of time.
Templates Setting	There are 10 templates for Email in your phone and you can edit them.

C h a p t e r 9

Browser

Browser Settings

Select **Browser > Settings** to do the following setting.

Connection settings	Select one connection.
Advanced settings	Customize the browser display modes, background music, cache, cookies, etc.
Clear cache	Clear all cache data.
Clear cookies	Clear all cookie information.
Clear input history	Delete all input history items.
Certificate	List the root and CA certificates on the phone.

Downloading via Browser

1. When viewing network page, use the **Up Key** or **Down Key** to select the link, press the **OK Key** to open the objective link.

2. Press the **OK Key [OK]** to confirm and start downloading. The downloading information will be saved in handset memory or external memory.

Caution:

Do not download and use software and file from an unknown source.

C h a p t e r 10
Bluetooth

Connecting the Bluetooth Device

1. In the standby mode, press the **OK Key [Menu]** to enter main menu.
2. Select **Tools > Bluetooth > My Devices**, and press the **OK Key [Select].**
3. Press the **OK Key [Search]** to search the available Bluetooth devices.
4. Select one device from the displayed list and press the **OK Key** to confirm.
5. Enter the pass code when asked for permission to connect to the device. After the paired device verifies the pass code, the device will be added successfully.

Sending Files via Bluetooth

Firstly please confirm following two items:
- Enable Bluetooth function.
- The paired device is visible.
1. Select your desired file, and select **Left Soft Key [Options] > Send > Via Bluetooth.**

2. Select the aim device from the device list, and press the **OK Key [OK]** to send.

Receiving Files via Bluetooth

Firstly please enable Bluetooth function.
1. If the paired device tries to send a file to your phone, one popup dialogue will appear in your screen.
2. Press the **Left Soft Key [Yes]** to accept the incoming file, or press the **Right Soft Key [No]** to reject the incoming file.

C h a p t e r   11
Modem Function

Modem Settings

Please confirm:
- Valid (U)SIM card is inserted.
- GPRS configuration or dialing connection is available.

Select **OK Key [Menu] > Settings > Connections > Modem setting**, and press the **OK Key [Select]**.

Use the parameters obtained from your service provider to complete the modem settings.

Use the Handset as Modem

Connect your phone to computer with supplied data cable; your phone can work as one external modem for the computer. For detailed information, please consult your service provider.

C h a p t e r   12
Multimedia

Camera

1. Select **Menu > Camera**, and press the **OK Key [Select].**
2. Aim the camera lens at a person/place.
3. Press the **OK Key [Capture]** to take one photo, and it will be saved in **My Pictures** directory automatically.
   - Press the **Right Soft Key [Back]** to return to the picture capturing screen.
   - Press the **Left Soft Key [Options]** to send the photo via MMS, Email, or Bluetooth, or to set it as wallpaper, you can also discard it.

Video Camera

1. Select **Menu > Multimedia > Video camera**, and press the **OK Key [Select].**
2. Set the video parameters.
3. Press the **OK Key** to start recording.
4. Press the **OK Key** to pause, then press the **OK Key** to resume recording.

5. Press the **Right Soft Key [Stop]** to stop recording, and the video will be saved in **My Videos** directory automatically.
   - Press the **Left Soft Key [Options]** to send the video file via MMS, Email, or Bluetooth, you can also discard it.
   - Press the **Right Soft Key [Back]** to return to the video recording screen.

Voice Recorder

1. Select **Menu > Multimedia > Audio record**, and press the **OK Key [Select].**
2. Press the **OK Key [Record]** to start recording your voice memo.
3. Press the **OK Key [Pause]** to pause, press the **OK Key [Contin.]** to resume recording, and press the **Right Soft Key [Stop]** to stop recording.
4. After recording a voice memo, it will be saved in **My Audios** directory automatically; you can continue the following operations:
   i. Press the **OK Key [Play]** to replay the voice memo.
   ii. Press the **Right Soft Key [Back]** to return to the voice recording screen.

iii. Press the **Left Soft Key [Option]** to send the memo via MMS/Email/ Bluetooth, rename or discard it.

Playlist

1. Select **Menu > Multimedia > Music > Playlist**, and press the **OK Key [Select].**
2. If there is no playlist, press the **OK Key [Add]** to create a new playlist.
   i. Enter the playlist name and press the **OK Key.**
   ii. Select an audio file from Audios/Others folder or memory card.
   iii. Press the **OK Key [Mark]** to mark all the files one by one.
   iv. Press the **Left Soft Key [Done]** to save the audio files to the playlist.
3. Press the **OK Key [Open]** to open the playlist.
4. Press the **OK Key [Play]** to play the audio files in the playlist.

When you create a playlist, press the **Left Soft Key [Options]** for more options:

- **Edit Playlist**: Edit the currently selected playlist.
- **New Playlist**: Add a new playlist file.
- **Rename**: Rename the selected playlist file.
- **Delete**: Delete the selected playlist file.
- **Delete all**: Delete all playlists.
- **Info.**: View the information of the selected playlist.

Notes:
You can also select **Multimedia > Music > All Music** to show all music file, then press the **OK Key [Open]** play it.
When the phone is placed in the carkit stack, sounds of phone calls, music player, etc. will come out from the carket; At this time, when the phone is removed from the carkit slot, all the sounds will be switched back to your phone.

Picture

1. From the main menu, select **Menu > Multimedia > Picture > All Pictures** to show all your saved images.
2. Press the **OK Key [Open]** to view the selected image.
Press the **Left Soft Key [Options]** for more options:
• **Delete**: Delete the currently selected image.
• **Add to favorites**: Add the currently selected image to **Favorites** directory.
• **Send:** Send the image via MMS/Email/Bluetooth.
• **Set as wallpaper**: Set the currently selected image as wallpaper.
• **File info**.: View the information of the selected slide.
• **Help**: Show the help information.

Notes:
You can also select **Multimedia > Picture > Favorites** to view all images saved in Favorites directory.

Streaming URL

1. Select **Menu > Multimedia > Video > Streaming ULR**, and press the **OK Key [Select].**
2. If there is no streaming ULR, press the **OK Key [Add]** to create one new streaming URL.
    i. Enter the tile name and URL.
    ii. Press the **OK Key [Save].**
3. Select the **Left Soft Key [Options]>Network settings** to set the URL, and the detailed information please consult your service provider.
4. Press the **OK Key [Open]** to connect the URL.
Notes:
You can also select **Multimedia > Video > All Video** to show all video file, then press the **OK Key [Open]** play it.

FM

Insert the personal hands free kit (PHF). The headset acts as the antenna for the FM radio.

1. In standby mode, press **OK Key [Menu]** to enter main menu.
2. Select **Multimedia > FM radio.**
3. Tune the required station using the **Left/Right Key** or **Options > Auto Search** or **Set Channel**

   Auto Search scans automatically for channels.

   Use Set Channel to enter the frequency using the keypad and * key to access the decimal point
4. Press **Options > Rename** to personalize the channel name eg ABC

If an incoming call is received, the radio will be suspended while you answer the call.

C h a p t e r   13
Other Facilities

Alarm

You can set the alarm to ring if required. Select your desired alarm to configure in the alarm list. (If there is no alarm, press the **OK Key [Edit]** to add a new alarm.)

Notes:

The alarm will ring at the set time, even when the phone is powered off.

Calendar

You can conveniently access and modify your agenda.

Stopwatch

You can measure time and take split times or lap times, for example, in different sports.

World Time

You can check the current local time and date for major cities around the world.

Calculator

The phone provides simple calculating functions, such as addition, subtraction, multiplication and division.

Converter

This function allows you to convert currency.

GPS

GPS is an advanced positioning system developed for mobile phone applications. The complex calculations performed by a GPS receiver are carried out on an external server. Assistance information is sent to the handset over the cellular system and is dependent on cellular coverage. The handset contains an antenna and receiver specifically for GPS signals and this enables the handset to calculate its position in terms of longitude, latitude and altitude.

PTT

The Push To Experience Service (PTX) is the ultimate business tool for you to communicate with your colleagues. The base PTX service, Push To Talk (PTT), will allow you to hold one-to-one and one-to-many conversations at the push of the button. You will be able to set your availability and view your

colleagues' current status. Manage your PTT contacts and initiate calls to pre-defined or ad-hoc groups. Your mobile phone has inbuilt GPS to enable users to be located and it has a dedicated alert button. Please consult your service provider for the detailed information how to set up and start using PTX.

C h a p t e r   14

File Manager

File Manager is a storage area for **Pictures, Audios, Videos**, and **Others files.**

Select **Menu > File Manager** to enter the file manager.

Notes:

Preloaded files in the Wallpapers and Ring folders are read only and cannot be deleted.

Accessing the Memory Card

1. Select **Menu > File Manager** to open file manager.
2. Select **Memory Card** to view the files on memory card. By pressing the **Left Select Key [Option]**, you can search, establish new folder, delete the file, or rename the file and so on.

C h a p t e r 15

Settings

Profiles

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

You can also edit the appropriate profile depending on the current condition.

Phone

1. In the standby mode, press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Phone:**
   - Select **Language** to set the current display language.
   - Select **Time and Date** to set time, date, and time style.
   - Select **Missed calls alert** to set the ringtone notification for missed calls.
   - Select **Shortcut keys** to assign the navigation key as shortcuts to important functions.
   - Select **My phone number** to set own number to remind you which (U)SIM card is in using.

- Select **Download location** to select handset memory or MicroSD card.
- Select **Master Reset** to recover all settings to the factory default values.
- Select **Auto power on/off** to power on or off the handset at the predefined time.

Display

1. In the standby mode, press the **OK Key [Menu]** to enter main menu.
2. Select **Settings > Display:**
   - Select **Wallpaper** to set your favorite picture as wallpaper.
   - Select **Backlight duration** to adjust backlight duration.
   - Select **Brightness** to adjust the screen brightness.
   - Select **Keyboard light** to adjust keypad light time.
   - Select **Owner name** to input owner name, displayed in idle screen.
   - Select **Greeting** to input greeting words, displayed in power on screen.

Connections

1. In the standby mode, press **OK Key [Menu]** to enter main menu.
2. Select **Settings > Connections**

- Select **Network settings** to set preferred mode and preferred selection.
- Select **Access point settings** to view the access point list.
- Select **Modem settings** to set modem parameters, you can use data cable to connect handset and computer and use handset as modem. For detailed parameter, please turn to your service provider.
- Select **Profile connect** to create or edit connection data for service providers.
- Select **PC connection** to choose the connection method between your computer and phone.

Calls

Call forwarding

Call forwarding allows you to divert your incoming calls to another phone number. Contact your service provider for more information and availability.
- **Always**: Divert all incoming calls unconditionally.
- **When busy:** Divert incoming calls when the line is busy.
- **When no reply**: Divert calls when there is no answer.
- **When unreachable**: Divert calls when the phone is turned off or the phone is not in an area covered by service network.

When the **Call forwarding** function is activated on your phone, select **Menu > Settings > Calls > Call forwarding > Cancel all call forwarding**, and press the **OK Key** to cancel all the call diverts.

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.

- **Bar all outgoing calls**: Calls cannot be made.
- **Bar outgoing calls (international)**: International calls cannot be made.
- **Outgoing international calls except for calls to the home country**: When abroad, calls can be made only to numbers within the current country and to your home country, where your home network operator is located.
- **Bar all incoming calls**: Calls cannot be received.
- **Bar incoming call when international roaming**: Calls cannot be received when you are using your phone outside your home service area.

When the **Call barring** function is activated on your phone, select **Menu > Settings > Calls > Call barring > Cancel all call barring**, and press the **OK Key [Select]** to cancel all settings about barring.

Select **Menu > Settings > Calls > Call barring > Change password** to change password of call barring.

Send My Number

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

Videophone setting

Enter the **VIG Number**, Select **UUS Type** and enter **UUS String**. Contact your Service Provider for more details.

Security

Fixed dial numbers

If you activate this function, you cannot dial the numbers out of the fixed dial list.

FDN list

This menu shows the list of the fixed dial numbers.

C h a p t e r 16
Join Me PC Suite

- This software only supports Windows 7, Vista, and XP, but cannot be guaranteed to run on these systems
- If you get an error message "No device available in the hardware list", please reinstall the drivers using Windows Device Manager.
1. Connect the phone and the computer with the provided USB data cable.
2. Run **AutoRun.exe** manually by selecting **My Computer > JoinME (CD-ROM)** to access the following interface.

Tips:
Once you answer one call during the connection, your phone will disconnect from the computer.

U Disco Modo

If you insert the available memory card successfully, the **U Disco Modo** icon will be appeared. You can click this icon to browser the files within the memory card.

Join Me

Installing the Join Me

1. Click the **Join Me** icon.
2. Follow the prompts to install the software. And the driver will be installed automatically.

After installation there will be a **Join Me** icon on the desktop.

Unstalling the PC Suite

1. Select **Start > Program > Join Me > Uninstall Join Me**.
Notes:
Before uninstall, please close the program.
2. Complete uninstall according to the prompt information.

Running the PC Suite

1. Double click the **Join Me** icon on the desktop.
2. Click **Connect** icon.
3. Select **R54** and press **OK** in connections dialog box.

When you connect successfully, the following screen will appear:

Click icon to get more help information.

Tips:

When copying a file from your computer to the memory card or the phone memory, you can drag the file into the corresponding folder.

C h a p t e r 17
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 cannot be resolved using the information in the chart, contact the dealer of handset.

Problem	Possible causes	Possible solution
Poor reception	The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions cannot effectively reach it.	Move to a location where the network signal can be properly received.

Poor reception	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network trunk quality on the part of your service provider.	Press the **End Key** and dial again. You may be switched to a better-quality network trunk or phone line.
	Poor local telephone line quality.	Press the **End Key** and dial again. You may be switched to a better-quality network trunk or phone line.

Unable to select certain features.	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.
Battery will not charge.	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 0°C or higher than 45°C.	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.
Shortened standby time	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.	If you are located in an area where signaling is weak, temporarily switch off the phone.

	The battery is depleted. In high-temperature environments, battery life will be shortened.	Use a new battery.
Shortened standby time	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.	Change your location to one where the network is accessible, or temporarily turn off your phone.
You cannot switch your phone on.	Battery power has been depleted.	Recharge the phone's battery.

	(U)SIM card malfunction or damage.	Take the (U)SIM card to your service provider for testing.
(U)SIM card error	(U)SIM card inserted improperly.	Insert the (U)SIM card properly.
	Debris on the (U)SIM card contacts.	Use a soft, dry cloth to clean the (U)SIM card contacts.
Unable to connect to the network.	(U)SIM card invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
You cannot answer incoming calls.	You have activated the Call Barring feature.	Go to **Settings > Calls > Call barring**, and then select Cancel all call barring.

You cannot make outgoing calls.	You have activated the Call Barring feature.	Go to **Settings > Calls > Call barring**, and then select Cancel all call barring.
	You have activated the Fixed Dial Number feature.	Go to **Settings > Security > Fixed dial numbers**, and select Off to turn this feature off.
PIN code is blocked.	You have entered an incorrect PIN code three consecutive times.	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.	The phone book's memory is already full.	Delete unnecessary data from the Directory.

C h a p t e r 18
Technical Parameters

Handset specifications are shown in the following table.

Network Compatibility	WCDMA 900MHz, 2100 MHz GSM 900 MHz, 1800 MHz
Dimensions L×W×H	Approx 118mm x 53.5mm x 16mm
Weight	Approx 130g (Including standard battery)
Features	MP4 video, MP3 audio, 3.0/0.3MPixel cameras, USB, FM Radio, MIDP 2.0 JAVA, 2.4" 262K colour QVGA LCD display, MMS, Email, Calendar, Speakerphone, Voice Recorder, Bluetooth 2.0 Stereo, microSD up to 16GB, GPS
Battery	1100mA hours, Lithium ion (Li-ion)
Continuous idle time*	Up to 250 hours (+/- 20% subject to network conditions)

Continuous talk time*	Up to 150 minutes talk time, Video call >70 minutes (+/- 20% subject to network conditions)
Charge time	Approximately 3-4 hours
Battery Life	Approximately 400 charge cycles

Notes:

The phone's talk time and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.