1. Safety Precautions

Information for parents

Please read the operating instructions and safety precautions carefully before use.

Explain the content to your children and the hazards associated with using the phone.

Remember to comply with legal requirements and local restrictions when using the phone, for example, in aeroplanes, petrol stations, hospitals or while driving.

Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm (9 inches) between the phone and pacemaker. When using the mobile phone hold it to the ear which is furthest away from the pacemaker. For more information, consult your doctor.

Always keep the phone and accessories out of reach of small children.

Small parts such as the SIM card, dust cap, lens ring and lens cap as well as the microSD card can be dismantled and swallowed by small children.

Do not place the phone near to electromagnetic data carriers such as credit cards and floppy disks. Information stored on them could be lost.

Do not look directly into the LED (such as flash LED) with optical magnifiers because of radiation.

Permanent hearing loss may occur if you use earphones or headphones at high volume. You can adapt over time to a higher volume, which may sound normal but can be damaging to your hearing. Set your volume to a safe level. If you experience discomfort or buzzing in your ears, reduce the volume or discontinue use of your earphones or headphones.

Ring tones, info tones and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to the ear when it rings or when you have switched on the handsfree function. Otherwise you risk serious permanent damage to your hearing.

The mains voltage (V) specified on the power supply unit must not be exceeded. Otherwise the charging device may be damaged.

The power supply must be plugged into an easily accessible AC mains power socket when charging the battery. The only way to turn

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off the charging device after charging the battery is to unplug it.

You may only open the phone to replace the battery, SIM and microSD card. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the guarantee.

The phone may cause interference in the vicinity of TV sets, radios and PCs.

Dispose of unwanted batteries and phones as permitted by the laws in your countries.

Only use original batteries and charging devices. Otherwise you risk serious damage to health and property. The battery could explode, for instance.

All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touch exposed terminals. The material may complete an electrical circuit and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects.

Do not dispose of batteries in fire as they may explode.

Improper use will invalidate the guarantee! These safety instructions also apply to original accessories.

As mobile devices offer a range of functions, they can be used in positions other than the head, such as directly on the body. In this case, the limits are met too.

2. Phone Overview
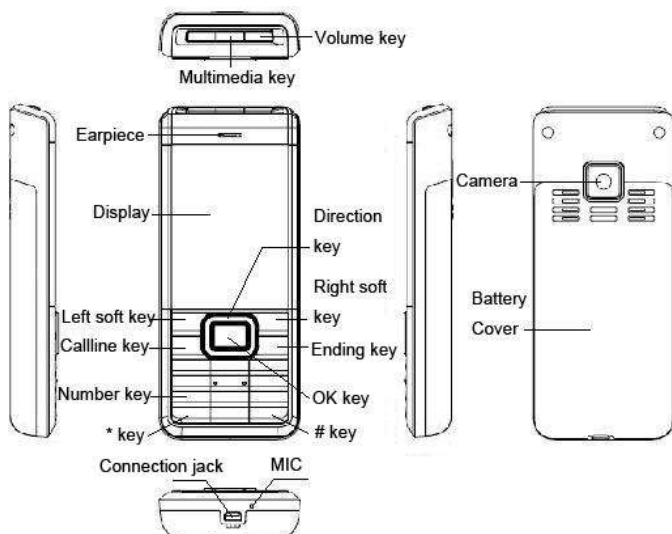
Communication control keys

Calling key is used to make a call after a number has been entered or selected from the phone book, or to answer an incoming call. In idle screen, press calling key to show call logs.

Ending key is used to end a call during calling or conversation, or to quit the menu and return to idle screen. Press and hold the ending key for about two seconds to turn on/off the phone.

Direction keys

Go to **Settings** > **Phone setup** > **Navigation key** to set direction keys.

OK key

In idle screen, press OK key to open the Browser.

Left and right soft keys

In idle screen, press the left soft key to directly open the main menu. In idle screen, press the right soft key to directly access the Call history. During menu operation, the current functions of the left and right soft keys are shown in the bottom line of the screen, and they are closely related to the current status of the phone.

In idle screen, , press the right soft key and then the "*" key.

Number keys

Press number keys (0-9) to enter numbers.

Press and hold number keys (2-9) to start speed dial.

You can also use number keys to select menus. If a number is shown before an option in menu list, you can select the option quickly by pressing the corresponding number key.

Asterisk key

Press the asterisk key to enter "*".

Press the asterisk key twice in a row to enter "+", to make an international call.

Pound key

Press the pound key to enter "#".

Press and hold the pound key in idle screen to activate/deactivate the Silent mode.

When in an editing screen, press the pound key to change the input method.

Connection jack

The connection jack is used to connect charger

Icons displayed on the main screen (Icons may be changed without further notice)

The following icons may be displayed in the first line of the screen.

	Signal strength
	Battery status
	Keypad locked
	Alarm activated
	New SMS received or SMS full
	New MMS received
	Headset mode
	Connected to the GPRS network
	Ring
	Vibration only
	Vibration and ring

	Vibration then ring

3. Getting Started

What is a SIM card

When registering your mobile phone number, you will have a SIM card (Subscriber Identity Module) provided by the network operator.

The SIM card has information reserved for your use. It includes your phone number, PIN (Personal Identification Number), PIN2, PUK (password to unlock PIN), PUK2 (password to unlock PIN2), IMSI (International Mobile Subscriber Identity) number, network information, phone book data, SMS data and so on. If it is lost, contact your network operator immediately for help.

PIN code

PIN is the password provided by your network operator. It is usually 4 digits. When you input the PIN code, the screen displays "*" to replace the number entered.

PIN is used to access the SIM card. If the PIN protection function is enabled, the screen will display "Enter PIN" each time the phone is switched on. You can deactivate this feature but you risk unauthorized use of the phone. Some network operators do not permit deactivating the control.

PIN2 code

PIN2 is required for some specific functions provided by the network, such as the charge information.

Note: If you enter the PIN incorrectly three times in a row, the SIM

card will be locked. Please contact your network operator immediately for decoding. Attempting to decode by yourself may result in the permanent failure of the SIM card.

PUK code

PUK (Personal Unblocking Key, 8-digit) unlocks a locked PIN. If you enter the PUK incorrectly ten times in a row, the SIM card will become invalid. Please contact your network operator for a new SIM card.

Installing the SIM card

1. Press and hold the ending key to turn off the phone.

2. Remove the battery cover and then the battery.

3. Insert the SIM card into the card holder. Ensure that the cut corner is at the top left and the metal contacts face the phone.

4. Re-install the battery. Place the battery cover onto the back of your phone and slide it forward until the latch catches the cover.

Note: A SIM card can be easily damaged if its metal contacts become scratched. Therefore, take special care when holding or inserting it and keep it away from small children.

Charging the battery

The battery is not fully charged when first unpacked. It takes three charging-discharging cycles for the battery to reach its peak performance. The battery can be charged and discharged hundreds of times. However, the capacity of the battery will be reduced each time it is charged/emptied, and it will eventually wear out. When the talk

time and the standby time are noticeably shorter than normal, replace the battery. Use original batteries and charging devices only.

Unplug the charger from the outlet and the phone when not in use. Do not leave a fully-charged battery connected to a charger because overcharging may shorten the lifetime of the battery. If unused, a fully-charged battery will lose its charge over time.

If the battery is completely discharged, the charging may not start immediately when you plug in the connector. Wait 10 to 15 minutes for the phone to begin charging.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. An accidental short circuit may occur when a metallic object such as a coin, clip or pen causes the direct connection of the positive (+) and negative (-) terminals of the battery, for example, when you carry a spare battery in your pocket or purse. Short circuit may damage the battery and the connecting object.

Storage at too high or low temperatures will result in a gradual capacity loss. As a result the operating time of your mobile phone may be considerably reduced, even after the battery is fully charged.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of unwanted batteries and phones as permitted by the laws in your countries.

Battery type	Standby time	Call duration
Li-ion battery	210 hours	180 minutes

Note: The actual operation time of a battery varies based on the operation mode, network settings and call settings.

Charge a battery according to the following steps:

1. Connect the charger to the connection jack of the phone in proper direction, and connect the charger to a main socket.

2. The phone displays "Charger Connected!" and starts charging after properly connected. The battery icon dynamically displays the charging process. In switch-off state, the phone dynamically displays the charging process.

3. When the battery is fully charged, the charging process stops automatically, and the battery icon indicates full grid on the screen. After the battery is fully charged, remove the charger from the phone and socket as soon as possible.

Note:

- After the phone has run out of battery, we recommend that you recharge the battery in time. If you do not recharge the battery in two days, the phone may enter the slow charging mode. When you recharge the battery, there may be no display temporarily. After about 10 minutes, the charging indicator icon is displayed on the screen of the phone. If you do not recharge the battery more than two days, the battery may enter the overdischarge protection state. Thus, in order to get the battery into normal charging mode quickly, we recommend that you charge the battery on an adapter to activate the battery for charging, and then charge the battery with the phone. Alternatively, you can charge the battery with the adapter.

- Do not change the parts and accessories of the battery by yourself or take off the battery cover for safety.

- Use only original batteries and charging devices. Otherwise you risk serious damage to health and property.

- The temperature range for charging a battery is 0℃ -40℃. Do not charge batteries in too high or too low temperature.

- Do not use the phone while charging.

- It takes approximately four hours to fully charge a battery. Remove the charger quickly after the battery is fully charged.

- After pulling out the battery system date and time will be reseted to default values(factory settings).

T-Flash card

T-Flash card is a kind of multimedia memory card.

Switching the phone on

Press and hold the ending key to turn the phone on/off. The phone will automatically search for the network, if there is no password protection for the SIM card and the phone. After the phone is registered on the network, the name of the service provider will be displayed on the idle screen. Then you can make or answer a call.

The phone remains in searching state if it fails to find the available network system temporarily.

After the phone is switched on, if a password is required, enter the correct PIN code and press the left soft key or the OK key for

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confirmation. After unlocked, the phone will display the name of the registered network and the signal strength. Contact your network operator if you do not know the PIN code. The default password of the phone is "1234".

After the phone is switched on, if it displays "Insert SIM Card" on the screen, press and hold the ending key to turn the phone off, and check whether the SIM card is properly inserted.

Switching the phone off

Press and hold the ending key to turn the phone off. After the switch-off animation is displayed on the screen, the phone will be switched off.

Do not attempt to turn the phone off by directly taking out the battery.

4. Text Entry

When an editing screen is displayed, the current text input method is indicated in the upper left corner of the display. To have more options to enter text, do one of the following ways to select the desired input methods:

- Go to **Settings** > **Phone setup** > **Pref. input methods**.

- In editing screen, select **Options** > **Input method**.

Changing the input method

Press the pound key repeatedly to select an input method.

Inserting symbols

Press the asterisk key and select the required symbols.

Numeric

When the input method icon is shown as "123", input numbers directly with number keys.

Note: While using the numeric input method, you need to switch to other text input methods to insert a space by pressing number key 0.

Multitap ABC and abc

Press a number key (2-9) repeatedly until the required letter appears in the text. Press a key once to input the first letter listed on the key, press it twice quickly to input the second letter, and so on.

Press number key 0 to insert a space. Press number key 0 twice to

enter 0.

While entering text, press the right soft key (**Clear**) once to delete the last character on the display; press and hold it to delete all entered text.

Smart ABC and abc

After Smart ABC/ Smart abc is chosen, the screen shows simulated keypad, you can input letters or words by clicking the corresponding letters or words.

Press each key associated with the letter you want to enter only once. The letters you have entered appear at the bottom of screen. The candidate words change with each key you press. When the candidate words are displayed, press the direction keys to choose words.

While entering text, press the right soft key (**Clear**) once to delete the last character on the display; press and hold it to delete all entered text.

5. Calling

Making a call

In idle screen, enter a phone number and press the calling key to make a call.

Press the ending key to end a call.

Making an international call

1. Press the asterisk key twice in a row to enter "+".

2. Enter the country code, area code and phone number.

3. Press the calling key to make a call.

Dialing an extension number

Enter the number, and then press the asterisk key three times in a row to enter "P", or press the asterisk key four times in a row to enter "W". Then enter the extension number.

Correcting a key-in error

Press the right soft key to delete the last character on the display. Press and hold it to clear all entered text.

Making a call from phone book

1. In idle screen, press the Left soft key to enter **Phonebook list**, or enter the menu and select **Phonebook**.

2. Select **Quick search**, scroll and select a contact person

3.   Press the calling key to make a call.

Dialing a previous number

1.   In idle screen, press the calling key to display **Call Logs**, Press the up and down direction keys to select a number.

2.   Press the calling key to make a call.

Dialing a speed dial number

In idle screen, press and hold the corresponding number (2-9) in the speed dial list to make a call. Note that number key 1 is reserved for the voice mail number.

To set speed dial,

1.   Go to **Phonebook** > **Speed dial** > **Enable speed dial** to enable the function.

2.   Edit the speed dial numbers in **Phonebook** > **Speed dial** > **Set number** > **Options** > **Edit**.

Listening to voice mail

Press and hold number key 1.

You need to set the voice mail number and store it on your SIM card. To set the number, go to **Messages** > **Voice Mail Server**, select **Options** and then **Edit**.

Answering a call

●   Press the calling key.

- Press the OK key, or select **Options** and **Answer**.

Ending a call

Press the ending key.

Rejecting a call

- Press the ending key.

- Select **Reject**.

Call options

Press **Options** during a call for more options. Options vary depending on the current situation.

Hold	Hold the current call.
End	End the current call.
New call	Add a new call and talk with more than one party at a time.
Phonebook	Use **Phonebook** to search for numbers.
Messages	Read/write a message during a call.
Sound recorder	Record the call.

Mute	The person on the other end of the line cannot hear you (muting).
DTMF	Enter tone sequences (number) for remote inquiries to an answering machine.
Call background sound	Set the background sound when making calls with the premise that it is activated.

6.   Menus

6.1 Games

The phone provides **Java.**

6.2 Message

6.2.1 Messages

1.Write Message

1.1 Text Message

The phone supports Short Messaging Service (SMS) and Enhanced Message Service (EMS). You can send text messages and manage the messages that you sent and received.

If the memory for short messages is not full, short messages will be directly saved in the SIM card. A flashing icon will appear on the top of the main screen if the memory is full.

Create a new short message.

1.   Enter text.

2.   Press the left soft key (**Options**) and select the required items, including **Use templates**, **Insert object**, **Format text**, **Insert number**, **Insert name, Insert bookmark** and **Input method**.

3.   Press the left soft key (**Options**) and select **done** for send options.

Send only	Send the short message to the corresponding recipient.
Save and send	Save the short message in Sent and send it to the corresponding recipient at the same time.
Save to Drafts	Save the short message in Drafts
Send to many	Send the short message to several recipients.
Send by group	Send the short message to each member of the corresponding caller group.

1.2 Multimedia Message

The phone also supports Multimedia Message Service (MMS), which is a network service. It enables you to send messages with images, sounds and texts. Ask your service provider whether this service is available. You may need to subscribe to the service from your network operator before sending and receiving multimedia message.

All multimedia messages are stored in the memory of the phone. The SIM card cannot store multimedia messages.

Write message

Create a new multimedia message.

1. Enter recipients in **To** by pressing the left soft key (**Edit**). Confirm with **Done**.

2. Enter a subject in **Subject** by selecting **Edit**. Press the left soft key (**Options**) and select **Done**.

3. Enter text in **Edit content** by selecting **Edit**.

4. Press the left soft key (**Options**) and select the items you want to send, including images (**Add picture**), audios (**Add audio**), files in other formats (**Add attachment**) and slide (**Add slide before/after**) and so on.

5. Confirm the contents by selecting **Options** and **Done**.

6. Press the right soft key (**Done**) for send options.

Send only	Send the multimedia message to the corresponding recipient.
Save and send	Save the multimedia message in Sent and send it to the corresponding recipient at the same time.
Save to Drafts	Save the multimedia message in Draft.
Send options	Set relevant options for sending multimedia message.
Exit	Exit the editing of MMS. A message will appear to ask you whether to save the MMS.

2.Inbox

Incoming messages are saved in inbox.

| **Reply** | Reply the short message. |
| **Forward** | Directly forward this message to others |

Edit	Edit the short message.
Delete	Delete the short message.
Delete all	Delete all short messages in inbox.
Use number	Extract the number in the short message.
Use URL	Extract the URL information in the short message.
Use E-mail address	Use email address information in the short message
Chat	Start chat by sending short messages.
Copy to SIM/phone	Copy this message to SIM or phone.
Move to SIM/phone	Move this message to SIM or phone.
Copy all text messages	Copy all short messages from SIM or from phone.
Move all text message	Move all short messages from SIM or from phone.

You cannot receive new messages if the memory for messages is full. Delete unnecessary messages.

3. Outbox

The messages successfully not sent are saved here.

4. Sent

View or process all messages which are sent by save and send successfully.

5. Drafts

View and process all messages saved as draft.

6. Delete Folder

Delete message folders: Inbox, outbox, sent, Drafts or delete all folders.

7. Template

The phone provides ten templates of text message.

8. Message settings

1.Text Message

Set the following settings of short messages.

Profile settings	Set profile name, SC address, validity period and message type.
Common settings	Enable or disable the delivery report and reply path of short messages.
Memory status	View the memory usage ratio of the SIM card and phone for short messages.
Preferred storage	Set to save short messages to the SIM card or to the phone.

Pref. Bearer	Set the network used for sending text messages.

2. Multimedia Message

Set the following settings of multimedia messages.

Compose	Set how a multimedia message is composed, including creation mode, picture resizing , auto signature and Signature.
Send	Set validity period, delivery report, read report, priority, slide timing and delivery time for sending multimedia messages.
Retrieve	Set home network, roaming, read report and delivery report for receiving multimedia messages.
Filter	Your phone will reject multimedia messages that meet the selected filter criteria here.
Server profile	Activate and edit the server profile. Please contact your service provider for settings.
Memory status	View the memory usage ratio, used space and free space for multimedia messages.

6.2.2 Chat

You can chat with one of your friends at a time in a chat room by sending text messages to each other. You can set two chat rooms.

Note that phones from both sides must support the mobile chat function.

6.2.3 Email

You can send emails containing text, sound and pictures. To use this function, you need to apply for the email service and configure at least one email account in **Messages** > **Email** > **Email Profile**. Contact your service provider for settings.

Send and Receive	Display the number of emails sent and received.
Write Email	Edit the content of email to be sent, including: **To**, **CC**, **Subject**, **Attachment**, **Priority** and **Conten**t. Press the right soft key to select **Send**, **Save and Send**, **Save to Drafts** or **Quit without Saving**.
Inbox	Display the emails received.
Outbox	Display the emails unsent.
Sent	Emails successfully sent are saved here.
Drafts	You can save an email as draft while creating it.
Clear mailbox	Delete the emails in all folders.
Delete marked E-mails	Delete the marks in all emails.

| **Email Profile** | Three different email accounts and servers can be set. You can activate the email profile and configure the email account. |

6.2.4 Voice mail server

Dial the voice mail number to access your voice mail. The number is provided by your network operator.

| **Call to Voice** | Connect to the current voice mailbox number. |
| **Edit** | Add or change the voice mailbox number. |

Note: The voice mail function requires network support.

6.2.5 Broadcast message

Broadcast messages are messages that your network operator broadcasts to all users within a particular area, such as weather forecast and transportation conditions.

Receive mode	Enable or disable the function.
Read message	Scroll to read broadcast messages.
Languages	Set languages for cell broadcast information. Only information in the set language can be received.

Channel settings	Select the channel of cell broadcast.

For more information about available channels and the information they provide, contact your network operator.

6.3 STK

STK is shown only if it is provided by your SIM card. For further details, please contact your network operator.

6.4 Phonebook

The phone provides two kinds of storage media: SIM card and phone. The phone can store 500 entries. The capacity of the phone book on your SIM card depends on the type of SIM card provided by your network operator.

Enter a number in idle screen and press the left soft key or the OK key to save the number. Select the storage location. Then the edit interface appears. If To SIM is selected, you need to edit the number only. If To phone is selected, you need to edit the items that you set in the settings of phone book, including the name, number, home number, company name, email address, office number, fax number, birthday, associate picture, associate sound and caller group.

The small icon on the left of the phone book list indicates whether the record is stored on the SIM card or the phone.

View	View the detailed information of the record.

Edit	Edit the options included in a phone book record.
Delete	Delete the record.
Copy	Copy the record from the current storage to the other storage.
Move	Move the record from the current storage to the other storage.
Duplicate	Copy the record to the current storage.
Send vCard	Send vCard by SMS/MMS/Bluetooth or save it to file.

There are the following options if you access the phone book from menu.

Quick Search	This option allows quick search through phone book. Enter the first letter. Then all the records starting with such letter are displayed.
Search Contact	This option lets you search for a specific record.
Add New contact	Add a new phone number to SIM or phone.

Copy All	Copy the records from SIM, from phone.
Delete	You can choose to delete all the records from the SIM or phone, or delete them one by one. Note: If you want to delete all records at once, the phone password is required, which is "0000" by default.
Caller Groups	A caller group is the combination of phone settings used to identify a particular group of records. The phone provides five call groups: Friends, Family, VIP, Business and Others. You can manage and edit the details of caller groups.
Speed Dial	You can assign number keys 2 to 9 as shortcuts to important phone numbers. Press and hold a corresponding number key in idle screen to dial the number.
Extra Numbers	Set the SIM owner number, service dialing number and SOS number.
Settings	View the memory status. Set the default storage of new numbers. Select the items required to be added when adding new numbers to the phone. Set name list filter. Edit and send your own vCard.

Caller Picture	Browse and set associate picture
Caller Ring Tone	Browse and set associate sound.

6.5 Browser

With the Browser function, you can use the phone to surf the Internet.

Homepage	Connect browser to a homepage you set.
Bookmarks	The phone displays a list of stored bookmarks. To add a page to bookmarks, go to Bookmarks > Options > Add bookmark.
Recent Pages	The phone displays the recently-visited pages.
Input Address	Enter the URL for direct connection to an Internet address.
Settings	Set the browser settings, including **Edit Profiles**, **Browser Options**, **Service Message Settings**, **Clear Cache**, **Clear Cookies** and **Trusted Certificates**.

6.6 Multimedia

6.6.1 Camera

The phone is provided with a built-in 1.3 mega pixel CMOS camera at the back, which supports the photographing and video shooting functions. Pictures are saved in the file system of the phone. The file is in the *.jpg format. You can send the pictures taken by the MMS/Bluetooth/E-mail function provided by the phone.

While in camera mode, press the left soft key or click **Options** to set the camera. Then save the settings. Aim the camera lens at the place/object, and then press the OK key to take a photo. Keep the camera lens steady for a while for the image quality. After photographing, the still scenery just taken is displayed on the screen.

Photos	View the saved pictures.
Camera settings	Set Shutter sound, EV, Banding, Delay timer and Cont shot of the camera.
Image settings	Set image size and image quality.
White balance	Set light condition.
Scene mode	Select pre-defined settings for the current environment.
Effect settings	Select the effect of photo display.

Add Frame	Select the frame for photos
Storage	Set the storage location for photos.
Restore default	Restore the default settings of camera.

6.6.2 Image Viewer

Pictures taken can be accessed quickly in **Image viewer**. Select **Options** for available options while viewing pictures.

View	Browse the pictures saved here.
Browse style	Select **List style** or **Matrix style**.
Forward	Set the photo as **Wallpaper**, **Screen Saver, Power On Display, Power Off Display** or associate picture in **Phone Book**. You can also send it through **MMS**, **Bluetooth** or **E-mail**.
Rename	Rename the picture.
Delete	Delete the picture.
Delete All Files	Delete all the pictures saved here.

Sort by	Sort the pictures by name, type, time, size or none.
Storage	Set the storage location of the picture.

6.6.3 Video recorder

Camcorder is used for video shooting. Press the OK key to start shooting, pause or resume. Stop shooting by pressing the right soft key. The video clip is saved to the phone or T-Flash card.

Options for **Camcorder** are listed below.

To player	Play the saved video file.
Camcorder settings	Set White balance, EV (Exposure Value), Night mode and Banding of the Camcorder to obtain the best result of video recording.
Video settings	Set Video quality.
Effect Setting	Set the different effect to display of video
Storage	Select the storage location for video files.
Restore default	Restore the default settings of video recorder.

6.6.4 Video Player

Video player allows you to browse or process video recording files.

6.6.5 Sound Recorder

Your phone supports three kinds of recording formats: AMR and WAV. Select a format from Settings in Options. A call may also be recorded and saved to the phone or the memory card.

6.7 Call history

1. Missed Call / Dialed Calls / Received Calls

Viewing Call History

In idle screen, press the calling key or go to **Call history** > **Missed calls**/ **Dialed calls**/ **Received calls**, to view the call logs.

Select a call from the list. When the call is displayed, press the calling key to make a call. You can press the OK key to view the details of the call. Select **Options** for more options.

Delete	Delete the select number from the list.
Save to Phonebook	Save the selected number to the SIM or the phone.
Call	Dial the selected number.
Edit	Edit the selected number and save it.
Send SMS	Send a short message to the record.
Send MMS	Send a multimedia message to the record.

Delete Call Logs: Delete missed calls, dialed calls or received calls, or delete all on the SIM card.

Call Time: View **Last call time**, **Total dialed calls** and **Total received calls**, or **Reset all time**

Call Cost: View **Last call cost** and **Total cost** of the SIM card. You can also reset cost and set the maximum cost and the price per unit of the SIM card. It requires network support.

SMS Counter: View and reset the numbers of short messages sent and received on the SIM card.

GPRS Counter: View the volume of GPRS last sent, last received, all sent and all received on the SIM card. You can also reset the contents of the counter on the SIM card. The unit is Byte.

6.8 Music

Music player allows you to play audio files.

The phone supports T-Flash memory card. You need to save downloaded music files to directory **My Music**, so that they can be played normally.

Play	Play the music files
Details	Check the details of music files
Add to ringtones	Add the music to ringtones

Refresh List	Update the play list.
Settings	Settings include Player settins, Display settings, Sound effects, Bluetooth settings.

6.9 File Manager

You can use **File manager** to organize your files in folders.

If a memory card is inserted, the files stored on it are organized separately.Select **Phone** or **Memory card** and select **Options** to browse, copy, delete, and move the files in folders.

6.10 Tools

6.10.1 Bluetooth

You can connect wirelessly to other compatible devices with wireless Bluetooth technology. Compatible devices may include mobile phones, computers and enhancements such as headsets and car kits. You can use Bluetooth connectivity to send images, video clips, music, sound clips and notes. Since devices with Bluetooth wireless technology communicate by radio waves, your device and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (33 feet) of each other, but the connection may be subject to the interference from obstructions such as walls or other electronic devices.

6.10.2 Calendar

You can enter events in the calendar.

In the calendar interface, press the up and down direction keys to

scroll to different weeks, and press the left and right direction keys to scroll to different days.

View tasks	View or edit event memos for the day.
Add task	Add event memos.
Jump to date	Enter a specific date to be located and the cursor will jump to the date quickly.

6.10.3 To-do List

If activated, the phone rings as a reminder when the set time arrives. You can view, add, edit and delete task if required.

6.10.4 Alarm clock

You can set five types of alarm clock time if required. Then the alarm icon will be displayed on the idle screen.

Scroll to an alarm and select Edit for settings. You can set whether to enable the alarm, the ring time, ring mode, audio options, snooze minutes and alert type.

6.10.5 World Clock

You can check the current local date and time of major cities in the world.

6.10.6 Stopwatch

Provides the time function, includes Typical stopwatch and nWay stopwatch.

Typical stopwatch: Offer function of timing separate, per circle and examine note.

nWay stopwatch: Start time by pressing upper, down, left, right key, total time will show on the down screen. Long-pressing left soft key will delete it.

6.10.7 Calculator

1. Enter the amount to be calculated. Press the pound key to enter decimal points.

2. Use navigation keys to operate and OK key to get the result.

6.10.8 Unit Converter

The phone provides the unit conversion about weight and length.

1. Enter the amount to be converted.

2. Press the OK key to obtain the converted result.

6.10.9 Currency converter

1. Set the exchange rate and confirm with the OK key.

2. Enter the amount to be converted in **Local**. Confirm with the OK key. The amount in the other currency is displayed in **Foreign**.

6.10.10 Health

The phone provides the calculation on BMI (Body Mass Index) & Menstrual.

BMI: This function helps to calculate your body fat in relation to your height & weight.

Menstrual: This feature helps to calculate lady's menstrual cycle.

6.11 FM Radio

This option allows you to listen to FM radio. You should plug in an earphone before accessing the application.

Channel list	Edit channel list.
Manual input	Input the channel manually.
Preset auto search	Set automatic searching for channels.
Settings	Set background play and loud speaker.
Record	Record the playing FM.
Append	Add other file to FM.
File List	files in FM.

6.12 Settings

6.12.1 User Profiles

The phone provide six pre-defined user profiles that allow the operations of the phone to best suit the environment you are in. The profiles are General, Meeting, Outdoor, Indoor, Headset and Bluetooth. The phone will automatically enter the headset profile if

you connect the headset.

Note: There is an extra silent mode which cannot be accessed here. To activate that profile, go back to the idle screen, press and hold the pound key until the phone gives you a prompt.

You can customize the following options for new profiles.

Tone Setup	Set **Incoming Call**, **Power On**, **Power Off**, **Message Tone** and **Keypad tone**.
Volume	Set volume for **Ring Tone** and **Key Tone**.
Alert Type	Four types of **Ring only**, **Vibration only**, **Vibration and ring** and **Vibration then ring** are available for your selection.
Ring Type	Three types of **Single**, **Repeat** and **Ascending** are available for your selection.
Extra Tone	You can select one or more extra tones. The options are **Warning**, **Error**, **Camp on** and **Connect**.
Answer Mode	If **Any key** is selected, you can press any key to answer a call.

6.12.2 Phone setup

1. Time and date

Set Home City	Set your time zone.
Set Time/Date	Set the time and the date.
Set Format	Set the format for the time and the data.
Auto update of date and time	This function requires network support. If activated, the time zone is switched automatically to local time by the network.

2. Schedule power on/off

Set the time to power on/off the phone automatically.

Warning: In specific areas where the use of phone is prohibited (such as in aeroplanes), please remember to disable the automatic switch-on function before entering the areas to prevent unexpected accidents.

3. Language

Set current display language.

4. Preferred input methods

Set input method for text entry.

5. Display Characteristics

Wallpaper	Set the standby image of the phone.

Screen saver	Set the waiting time and image for the screen saver.
Power on display	Set the animation displayed when the phone is turned on.
Power off display	Set the animation displayed when the phone is turned off.
Show date and time	If activated, date and time are displayed on the idle screen.
Show owner number	If activated, the phone number is displayed on the idle screen.
Show operator name	If activated, the operator name is displayed on the idle screen.

6. Greeting Text

If activated, the greeting text appears when the phone is turned on.

You can edit the greeting text.

7. Shortcuts

A list of shortcuts is displayed for you to access quickly.

In the shortcut list, press the up and down direction keys or the number keys to access the designated function.

Select **Option** to edit the selected shortcut.

8. Navigation Key

You can assign the navigation key as shortcuts to important functions. Press the corresponding navigation key in idle screen to start the function.

9. Flight Mode

When you are on a flight where the use of mobile phones is prohibited, select this option so that the phone will not link to any network. The FM radio will also be turned off. However, alarm and calendar reminder will remain on. You can still use the entertainment features such as audio player in this mode.

10. Misc Setting

Set the brightness and time of LCD backlight.

6.12.3 Call Setup

1.Caller ID

When you make a call, your number can be shown or hidden on the display of the called party. Select **Set by network** to use the default setting provided by the network operator.

You may not be able to make calls if you select **Hide ID**, depending on the network setting.

2.Call Waiting

Activate	If activated, an incoming call is signaled by a call waiting tone when you are on another call. The number/name of the incoming call is displayed.
Deactivate	Cancel the call waiting function.
Query status	Inquire the current status from the network.

3.Call Divert

You can specify the conditions under which calls should be diverted to your voice mail box or another number.

Divert all voice calls	All calls are diverted.
Divert if unreachable	A call is diverted if the phone is switched off or is out of range.
Divert if no answer	A call is diverted if not answered.
Divert if busy	A call is diverted if another call is in progress.
Divert all data calls	All data calls are diverted.

Cancel all divert	Cancel all call divert settings.

4.Call Barring

Restrict the dialing or receiving of certain calls. To activate or cancel call barring, you have to enter the network password provided by your network operator.

Outgoing calls	If **All calls** is activated, no calls can be made. If **International calls** is activated, no international calls can be made. If **International calls except to home PLMN** is activated, only local calls or calls to the home country (that is, the country to which the network operator belongs) can be made.
Incoming calls	If **All calls** is activated, no calls can be received. If **When roaming** is activated, you may not receive calls when you are outside your home network.
Cancel all	Cancel all restrictions to calls. Password from your network operator is required.
Change barring password	Change barring password. The original barring password is required.

5.Line Switching

Switch to Line 1 or Line 2.

Note: If you select Line2, whether you can make calls is dependent on the network operator.

6.Call Time Reminder

If activated, the phone beeps at the interval time you set during a call.

7.Call Time Display

Choose whether to display the current call duration during a call.

8. Auto Redial

Once activated, the phone will automatically redial, if there is no answer for a number you have dialed.

6.12.4 Network setup

It requires network support.

The network that your phone uses is configured automatically. When turned on, the phone automatically connects to the designated network, or automatically connects to a roaming network when you are outside the coverage of your regular network. When outside the coverage of your regular network, you can manually select the local network system.

1. Network Selection

Automatic	The phone will scan for the available network when you are outside the home network.

Manual	The phone will list all networks for you to choose from when you are outside the home network.

2. Preferred Networks

Select the preferred network operator. The default is the network of your SIM card.

3.GPRS Connection

Select to change the GPRS connection mode between **Always** and **When Needed**.

4.Date Account

The function is used to set account information.

GSM data	Press **Edit** to set **Account name**, **Number**, **User name**, **Password**, **Line type**, **Speed** and **DNS**.
GPRS	Press **Edit** to set **Account name**, **APN**, **User name**, **Password** and **Auth. type**.

6.12.5 Security setup

The phone provides several codes to protect your phone against misuse.

1. SIM Lock

The SIM card is protected against misuse by the PIN code. SIM card lock may be set after you enter the PIN code correctly.

2. Phone Lock

If the phone lock is activated, the phone lock password is requested after the phone is switched on. The default password is "0000". If the phone is locked, only emergency calls can be made.

3.Auto Keypad Lock

You can define a list of numbers that can be dialed by SIM. Numbers not included in this list cannot be dialed by SIM.

Keypad lock prevents the inadvertent phone usage. However, you can still be called and you can make emergency calls.

4. Fixed Dial

Note: The SIM PIN2 code is required. Once the PIN2 code is entered when the phone is turned on, it is no longer required until next time the phone is turned on.

5. Barred Dial

It requires network support. If the SIM card supports this function, you may restrict the numbers for outgoing calls. If activated, your phone may not call the numbers in the **Fixed dial** list. The PIN2 code is required for this setting.

6. Change Password

Set new passwords, including SIM PIN and SIM PIN2.

Set new phone password.

6.12.6 Restore factory settings

Reset the phone to default values (factory settings).

The phone password is required, which is "0000" by default.

6.12.7 Sound effect

Set the sound effect by Equalizer, Call background sound and 3D surround effect

7. Appendix I Troubleshooting

If you encounter problems while using the phone, or if it performs erratically, you can consult the information in the following table. If a particular problem cannot be resolved by using the following information, contact the dealer where you purchased the phone.

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.
	The network is busy at the current time, for example, during peak times, because there may be too much network traffic to handle additional calls.	Avoid using the phone at such time, 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 ending key and dial again. You may be switched to a better-quality network trunk or phone line.
	Poor local telephone line quality	Press the ending key and dial again. You may be switched to a better-quality network trunk or phone line.
Battery will not charge.	The battery or battery charger is damaged.	Contact the dealer.
	The temperature of the phone is below -10℃ or higher than 55℃.	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.
	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 battery.
SIM card error	SIM card malfunction or damage	Take the SIM card to your service provider for testing.

	SIM card is inserted improperly.	Insert the SIM card properly.
	Debris on the SIM card contacts	Use a soft and dry cloth to clean the SIM card contacts.
Unable to connect to the network.	SIM card invalid.	Contact your service provider.
	You are not within the service area of the network.	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** > **Call Setup** > **Call barring**, and then select **Cancel all**.
You cannot make outgoing calls.	You have activated the call barring feature.	Go to **C Settings** > **Call Setup** > **Call barring**, and then select **Cancel all**.

	You have activated the fixed dial number feature.	Go to **Settings > Security setup > Fixed dial**, and select **Off** to disable this feature.
PIN Code is blocked.	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the PUK code of the SIM card, use the PUK code to unlock the SIM card.
Unable to enter information into the phone book.	The memory of the phone book is already full.	Delete unnecessary data from the phone book.
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.

8. Appendix II Abbreviations and Explanation

GSM	Global System of Mobile Communication
GPRS	General Packet Radio Service
SMS	Short Message Service
WAP	Wireless Application Protocol
FDN	Fixed Dialing Numbers
SIM	Subscriber Identity Module
PIN	Personal Identification Number
PUK	Personal Unblocking Key
IMEI	International Mobile Equipment Identity
MCC	Mobile Country Code
MNC	Mobile Network Code

Call waiting	A service provided by the network, which allows you to answer another incoming call without interrupting the active call, but it is different from conference call. You can only talk to one party while another party is held at the same time.
Call divert	A service provided by the network, which allows you to divert an incoming call to a specified number according to different circumstances.
Roaming	The phone is not used in the area of its local registered network. It includes international and domestic roaming. In this manual it refers to international roaming only.
STK	SIM Toolkit

9. FCC Regulations:

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

●This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated 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.

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

the equipment.

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

▶ RF Exposure Information (SAR)

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

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

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

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.05 W/kg and when worn on the body, as described in this user guide, is 1.46 W/kg (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

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

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.   SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: WIQCAT07.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 2.0 cm from the body.   Use of other enhancements may not ensure compliance with FCC RF exposure guidelines.   If you do no t use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 2.0 cm from your body when the phone is switched on.