

Preface

Thank you for purchasing this cellular phone.

To guarantee your cellular phone works properly, please follow the instructions in this manual to prevent any possible incidents or malfunctions.

Follow all safety warnings to avoid injury or property damage.

Screen displays and illustrations in this user's manual are designed to help you to operate your phone.

We continuously strive to improve our products. Therefore, we reserve the rights to revise this user manual or withdraw it at any time without prior notice. We provides this manual "as is" and does not accept, except as required by the applicable law, liability for any error, omission or discrepancy between this manual and the product.

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1. Introduction

1.1 Packaging

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

Use only accessories and charging devices approved by the phone manufacturer otherwise you would risk serious damage to health and property.

Failure to do this may invalidate your warranty.

Accessories may be different in different regions.

1.2 Phone Display



1.3 Key

Key	Function
Pick-Up	Press to answer a call or dial a call after you enter a phone number. In idle mode, press to view the call log.
Hang-Up	Press to end a call. Press and hold to turn the phone on/off. Within a menu, press to return to idle mode.
Left Soft Key	In idle mode, press to enter the Quick menu. Press to access the option listed directly above it on the display.
Right Soft Key	In idle mode, press to access Music Player . Press to access the option listed directly above it on the display. Within a menu, press to return to the previous screen.
OK	In idle mode, press to enter the Main menu. Within a menu, press to confirm and/or select the option listed above it.
Numeric Key	Press to enter the corresponding number, letter or symbol located on the keypad. Press and hold the 0 Key to access the Language Setting. Within a menu, press to access the corresponding menu option.
*	Press and hold to enter '+' to make an international call. Press to switch input modes when entering text.
#	Press and hold to enter pause character (P) and wait character (W) when entering number.

	Press to enter symbol when editing text. In idle mode, press and hold to activate or deactivate Silent mode.
Navigation Key	Within a menu, press Up, Down, Left or Right to scroll through menu options. In idle mode, press Left to enter the Bluetooth menu; press Right to enter the Messages menu; press Up to access the Camera menu; press Down to enter the Phonebook menu.

















Note: "Press" in this manual, means press the key and release; "press and hold" means to press and hold the key for at least two seconds.

1.4 Icons & Symbols

In idle mode, network and battery icons are displayed all the time. The rest of the icons appear if the feature is available. If the network symbol is not displayed, the network is currently unavailable. You may be in a bad reception area and moving to a different location may help.

Icon	Description
	Network - The left portion indicates whether your phone is already registered with a network and the right portion indicates signal strength (from no signal to strongest).
	Battery - Indicates battery level. When charging, a scrolling icon will be displayed. The more bars the stronger the charge.

	Roaming – Appears when your phone is registered to a network other than your own.
	To log on GPRS - The icon will be displayed only when you have logged onto GPRS.
	SMS or MMS - Indicates that you have received new SMS/ MMS.
	SMS full- Indicates that the memory is full.
	Voicemail- Indicates that you have voice messages that have not been heard.
	Alarm Clock - Indicates that the alarm clock is activated.
	Vibration - Your phone will vibrate when there is an incoming call or when the alarm clock rings.
	Push message-Indicates that you have received a push message.
	Call Divert - Indicates that the Call Divert to All Call function is activated.
	Lock- Indicates that the keypad is locked.
	Silence – Indicates that silent mode is activated.
	Auto answer - Indicates that Auto answer is on.
	Memory card - Indicates that a memory card is in use.
	Bluetooth – Bluetooth is activated.

2. Getting Started

Please read the safety instructions in the "Preface" section before use.

Before using your phone, you must insert a valid SIM card supplied by your operator or retailer. The SIM card contains your subscription information, your mobile telephone number and a small quantity of memory in which you can store phone numbers and messages.

You can also insert a memory card. This provides you with expanded memory capability, which allows you to store additional music, photo and video files separate from the phone's built-in memory.

2.1 Inserting the SIM Card

2.1.1 Remove the back cover

Make sure the phone is switched off. You need to remove the back cover of your phone before you can insert the SIM card. Hold the phone with the front facing downwards; press and pull the back cover down; slide and lift the back cover up to remove it.

2.1.2 Remove the battery

Put your finger in the black slot located at the bottom of the battery and lift the battery up and out of the phone.

2.1.3 Insert the SIM card

Make sure that the clipped corner of the SIM card is facing the correct direction (clipped corner is located at the bottom right) and the metallic contacts are facing downwards.

Slide the SIM card into the card slot until it stops.

2.1.4 Install the battery

With the metallic contacts of the battery facing the metallic contacts in the battery slot, press the battery down into its slot until it locks into place.

2.1.5 Install the back cover

Align and hook the back cover to the top of the phone and then press the back cover down until it locks into place.

2.2 Turning the Phone on

To turn the phone on, press and hold the Hang-Up Key. You may be asked to enter the PIN code (the 4 to 8 digit secret code of your SIM card). It is preconfigured and provided to you by your network operator or retailer. If you enter an incorrect PIN code 3 times in succession, your SIM card will be locked. To unlock it, you must obtain the PUK code from your network operator.

2.3 Charging the Battery

Your phone is powered by a rechargeable battery. The new battery is partially charged. A sound alert will warn you when the battery level becomes low.

Make sure the battery is not removed. To charge the battery, plug in the connector at the top of your phone (USB Interface) and then plug the other end into an AC power socket. The battery symbol indicates the charging status.

During charging, the charge indicators will scroll; it takes about 3 hours to fully charge the battery.

When all the scroll bars are steady, the battery is fully charged. You can then disconnect the charger. Talk time and stand-by time can go up to 5.5 hours and 480 hours respectively. Depending on the network conditions, user settings and method of use the actual results may vary. The only way to turn off the charger is to unplug it, so it is advisable to use an easily accessible AC power socket. If you do not intend to use your phone for several days, we recommend that you remove the battery. If the battery is powerless, the battery icon will reappear after a few minutes of charging.

2.4 Inserting a T-Flash Card

Lift up the T-Flash card cover on the left side of the SIM card slot. Pull the cover to left if it is locked and then lift it. A word "OPEN" will prompt you in the correct direction.


With the metal contacts facing down, gently slide the T-Flash card into the slot.

Press and pull the cover to right to lock it. A word "Lock" will prompt you in the correct direction.

2.5 How to use T-Flash Card

Go to Tools > Connectivity > USB drive, you should turn it on.

Connect you phone to a PC by using a USB cable. The PC will auto detect your phone as a removable disk. You can access the T-Flash memory now. Download or upload the files to T-Flash card.

When the transfer is finished, please make sure that you safely remove the phone by clicking .

Finally, you can view the files in My Favorites > Memory Card.

2.6 Important Password






Phone lock password is 1234;


3. Text Entry

3.1 Input Method

Your phone supports several input methods, which include:

Smart English (     ); Enter text using Smart editor.

Multi-Tap (    ); Press the keys that are marked with the corresponding letter you wish to enter. Press once to get the first letter on the key, press twice quickly to get the second letter and so on until the letter you want is displayed on the screen.

123 (): Enter numbers.

During text editing, you can press the * Key to switch the input methods; the icon on the top of editor will display your current input method.

Press and hold the # Key will list all the input methods, you can press the OK Key to add or cancel, and then press the Left Soft Key [Done] to confirm.

Note: Depending on the user requirements, there may be other language input methods available, such as Spanish. The operation is similar to English input.

3.2 Entering Symbols

In any input mode, press the # Key to open/close the symbols input screen. If the symbols occupy more than one screen, press the Navigation Key Up or Down to scroll through the pages. Press the OK Key to

confirm the symbol input.

3.3 Smart English Input

3.3.1 What is it ?


Smart Predictive Text Input is an intelligent editing mode for messages, which includes a comprehensive dictionary. It allows you to quickly enter text. You need to press once on the key corresponding to each letter needed to spell a word: the keystrokes you input are analyzed and the word suggested is displayed at the bottom of the editor.

3.3.2 How to use it

Alphabet and symbols represented by each key are as follows:

"2~9"	Press to input letters.
1	Press to input symbols.
0	Press to enter a space; press and hold to enter 0.
Navigation Key ▲/▼/◀/▶	Press to browse the last or next available word.
Left Soft Key [Select]	Press to confirm the letter or word.
Right Soft Key [Clear]	Press to clear a letter, press and hold to clear all entries.
*	Press to switch the input modes.
#	Press to activate/deactivate punctuation mode, press and hold to list all the available input methods.

Example: How to enter the word "HOME"




1. Press the * Key to select the input method of 

1. Press 4 6 6 3, "GOOD" appears.


2. Press ► or ▼ to select "HOME".

3. Press the Left Soft Key [Select] or the OK Key to confirm "HOME".

3.4 Multi-tap English Input

If you wish to use Multi-tap English input mode, press the * key to select  /  / .

This method requires multiple key presses to reach the desired character: the letter "h" is the second letter on the 4 key, so you must press 4 twice to enter "h". Using this mode requires you to press a key as many times as the order of the letter.

To enter the word "home" in basic text input mode , press key 4 (GHI), 4 (GHI), 6 (MNO), 6 (MNO), 6 (MNO), 6 (MNO), 3 (DEF), 3 (DEF).

3.5 Numeric Input




Press the * Key to select  then you can enter the numbers.




3.6 Other Language Input Methods

Depending on the user requirements, there may be other language input methods available, such as Spanish.

If you want to use the Spanish input methods, please go to **Settings > Languages** to choose "Español".

In an editor, the icon on the top of editor will display your current input method.

Smart Spanish ( /  / ): Enter text using Smart editor;

Multi-Tap Spanish ( /  / ): Press the keys that are marked with the corresponding letter you wish to enter. Press once to get the first letter on the key, press twice quickly to get the second letter and so on until the letter you want is displayed on the screen.
The operation is similar to English input.

4. Calling

4.1 Making a Call

You can make a call only when the network name appears on the screen.

1. Enter the phone number.
2. Press the Pick-Up key to dial the number; or press the Left Soft Key [Options] to select **Dial**.

When the headset is plugged into the phone, you can dial the number by pressing and holding the Headset Key.

4.1.1 Muting or unmuting a call

During a call, press the Left Soft Key [Options] and select **Mute** or **Unmute**. If you select **Mute**, the microphone will be deactivated. When you switch from one call to another, muting will be cancelled.

4.1.2 Adjusting speaker/earpiece volume

During a call, press the Navigation Key left or right ◀/▶ or the Volume Side Keys to decrease or increase the volume (if you are not browsing the call options menu).

4.1.3 Recording a call

During a call, press the Left Soft Key [Options] and select **Record** to access the 3 recording options; **Record both** (default), **Record the opposite party** and **Record own**.

When you start recording, a recording icon will appear on the screen. When you end the call, the recording will stop and will automatically be saved in the AMR format under My Favorites > Memory Card

> Sounds.

You can also select **Stop recording** from the Options menu to end the recording.

Note: in most countries, recording telephone conversations is subject to legislation. We advise you to notify the caller if you intend to record your conversation and only do so if they agree.

4.2 Ending a Call

To end a call, press the Hang-Up key or select **End active call** from the Options menu.

When the headset is plugged into the phone, press and hold the Headset Key will end a call.

4.3 Making an International Call

1. Press and hold the * Key until "+" appears on the screen.
2. Enter the country code.
3. Enter the area code (normally without the 0 before it) followed by the phone number.
4. Press the Pick-Up Key to dial.

4.4 Making an Emergency Call

You can make an emergency call anytime, regardless of whether the cellular phone has been registered on the network. In idle mode, enter the emergency call number (specific number in the caller's country) then press the Pick-Up Key.

If there is no SIM card, pressing the Right Soft Key [SOS] and then press the OK Key to directly make an emergency call.

4.5 Making a Second Call (Network Dependent)

You can make a second call by putting the current call on hold:

1. During a call with the first caller, enter the second caller's number using the keypad.
2. Press the Pick-Up key to dial the second party's number. The first caller will be automatically placed on hold. This is a system-dependent feature, please contact your service provider for more details.

4.6 Making a Conference Call (Network Dependent)

Your phone supports multi-party calls of up to five members. When there is a call waiting while you are already on the phone, you can carry out the following operations to establish the multi-party call:

1. Press the Pick-Up key to answer the second call. The first call will automatically be placed on hold.
2. Select **Establish Conference Call** from the option menu. The two calls will be combined and a conference call is established.

During the multi-party call, you can answer a new incoming call or add a new member to the call by dialing the new member (the ongoing multi-party call will automatically be placed on hold). Once the call is established, select **Establish Conference Call** from the option menu to add the new member to the multi-party call (you can add up to five members).

This is a system-dependent feature, please contact your service provider for more details.

4.7 Switching Between Calls (Network Dependent)

When you have one active call and one call on hold, you can press the Left Soft Key [Options], and then select **Swap** to switch between the 2 calls.

4.8 Call Handsfree

To talk handsfree during a call, press the Left Soft Key [Options] and select **Handsfree**.

4.9 Answering a Call

Press the Pick-Up Key to answer a call.

4.10 Reject a Call

Press the Hang-Up Key to reject a call.

4.11 Answering a Second Call (Network Dependent)

If you have activated Call waiting, you will be alerted when there is a second incoming call. You can:

1. Press the Pick-Up Key to answer the second call. The current call will be automatically placed on hold.
2. Press the Hang-Up Key to reject the second call and continue with your current call.

4.12 Ending a Call

Press Hang-Up key to end a call.

5. Function Menu

5.1 How to Use

5.1.1 Select Menu

In idle mode, press the OK Key to access the Main Menu. Press the Navigation Key Up, Down, Left or Right to select a menu option then press the Left Soft Key [Select].



Note: The functions described below are only available when a usable SIM card is inserted. Your phone will enter a limited idle mode if powered on without SIM card, and only limited menus will be available for use. Press the Right Soft Key [SOS] to make an emergency call. The aim of this function is to allow you to dial emergency numbers when you do not have a SIM card.

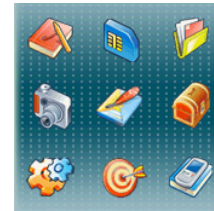
5.1.2 Quick Select

From the main menu, you can also directly press 1 to 9 to enter the related 9 grid menus. For an example, press 5 to enter the **Messages** menu in main menu.

5.1.3 Exit

To exit a menu, press the Right Soft Key to return to the previous menu, or press the Hang-Up key to return to idle mode.

5.2 Main Menu



Phonebook	STK Applications	My Favorites
Camera	Messages	Tools
Settings	Entertainment	Call History

5.3 Phonebook

Your phone features two phonebooks. The SIM phonebook is located on your SIM card and the number of entries you can store depends on the SIM card. The second phonebook (Smart phonebook) is integrated in the phone memory and the maximum number of name cards you can store is 500. When you add a new contact to your phonebook, the new contact will only be added to the phonebook you have selected.

5.3.1 Create Contacts

To create a new SIM/phone contact:

Enter New Contact	Press the OK Key in idle mode, and select Phonebook > Phonebook >
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	<Add new>.
Choose storage	Press the Left Soft Key [Options] to choose the storage for the new entry: Phone or SIM.
Enter contact details	Enter the following fields for SIM card contacts: Name, Number. Enter the following fields for onboard phonebook contacts: Name, Mobile, Home, Office and etc.
Store the new contact	Press Left Soft Key [Save].

To create a contact, you must enter at least a phone number and a name.

5.3.2 Phonebook Options

In the phonebook, you can display the details of a contact by selecting it and pressing the Left Soft Key [Options] to access the following operations:

Options	Description
View	View the details for the selected contact.
Send message	Send a SMS or MMS to the selected contact.
Dial	Call the selected contact.
Delete	Delete the selected contact.
Default number	Set Mobile number, Home number, Office number or Fax number as the default number (this option only appears for contacts saved in the phone).

Go to	Go to the website in the record (if available).
Send contact	Send the selected record: via SMS, via MMS or via Bluetooth.
Copy to SIM	Copy the phone entry to the SIM card.
Copy to phone	Copy the SIM entry to the phone.
Move to SIM	Same as copy, only the original contact will be deleted.
Move to phone	Same as move, only the original contact will be deleted.
Add picture	Add a picture ID to the selected contact (this option only appears for contacts saved in the phone).
Select multiple	Select several contacts at a time or select all contacts.
Storage location	Select location for the new contact: SIM card or Phone memory (this option only appears if you choose All Contact List in Advanced menu).

5.3.3 View Group

The View group feature allows you to organize your contacts so that you can associate images and/or ringtones with a group of contacts and send messages to all the members of the group at the same time. From the Contacts menu, select **View group** and the list of groups is displayed. Select a group then press the OK Key to display the members of the group.

5.3.4 Special Numbers

This menu allows you to keep a list of useful numbers such as your own numbers, service numbers,

voicemail and SOS numbers. If you enter the voicemail number, in idle mode, press the hold the 1 Key to dial your voicemail.

5.3.5 Quick Call

This feature allows you to set 4 numbers which are your preferred or most frequently dialed. You can then quickly call one of them by selecting the corresponding icon or picture on the screen, thereby eliminating the need to enter and browse the contact list. Press the Left Soft Key [Add] to add a number to the selected location, you can also add a picture to the number.

5.3.6 Advanced

This menu provides you with advanced features so that you can view and edit your contacts: From the Contacts menu, select **Advanced** to access the following options:

Options	Description
Choose contact list	Switch between SIM, Phone or All SIM & phone contacts.
Copy to SIM	Copy all the entries to the SIM card.
Copy to phone	Copy all the entries to the Phone.
Move to SIM	Move all the entries to the SIM card.
Move to phone	Move all the entries to the Phone.
Delete all phonebook	Delete all contacts.

5.4 STK Application

Note: The submenus of this feature depends on the operator and different operators may provide different services (some SIM cards do not support STK), which cannot be modified.

Please contact your operator.

5.5 My Favorites

This menu allows you to store the files in different folders (Pictures, Sounds, Videos, Ebook, Others) to facilitate more efficient management of files in your phone and memory card. In addition, you can obtain information regarding your phone and memory card, such as free memory, used memory, and total size via the **Memory status** option.

5.5.1 Pictures

When you enter this menu, the photos which you have taken using the phone's camera as well as pictures you have downloaded via MMS, WAP, BT, or USB will be displayed in a list.

Press the Left Soft Key [Options] to carry out the following operations on a selected picture file:

Options	Description
View	View the picture in full screen.
Send	Send the selected file: via Bluetooth or via MMS.
Advanced	Cut: Similar to copy, but the original file will be deleted. Copy: Copy the selected file to another folder. Rename: Modify the name of the selected file.

	Details: Display detailed information about the selected photo, such as last modified date, file size, etc.
Use	As contact ID: If you select this option, the phonebook list will be displayed. After you have selected a contact from the phonebook, press the Left Soft Key [Select] to associate the picture with the selected contact (The picture should not be larger than 640 x 480 pixels). As wallpaper: If the selected photo is 128*160 or smaller, it will be displayed as wallpaper in its original size. If it is larger than 128*160, it will be re-sized accordingly.
Delete	Delete the selected picture.
Slide show.	If you select this option, the screen will display the full screen view of all the pictures in the form of a slide changing every 4 seconds. Press any key to exit from the slide show mode.
Change view	You can select to view the pictures in List view, Grid view or Full screen.
Sort	Sort by name, date, or size
Select multiple	Select one by one: select the pictures one by one and then Cut, Copy or Delete them. Select all: select all the pictures and then Cut, Copy or Delete them.

5.5.2 Sounds

When you enter this menu, the sounds which you have stored or downloaded via MMS, WAP, Bluetooth,

or USB will be displayed in a list.

1. Select My favorites > Sounds or My favorites > Memory card > Sounds and press the OK Key, to enter the menu.
2. Press the Left Soft Key [Options] to access the following options on a selected sound file, you can play, send, copy, cut, rename, or other operations.

5.5.3 Videos

When you enter this menu, the videos which you have recorded using the phone's camera as well as videos you have downloaded via MMS, WAP, Bluetooth or USB will be displayed as a list.

Videos are played in the top part of the screen. A status bar appears at the bottom of the screen.

5.5.4 Ebook

When you enter this menu, the ebooks which you have downloaded via MMS, WAP, Bluetooth, or USB will be displayed in a list.

Press the Left Soft Key [Options] to carry out the following operations on a selected ebook file: open, send, copy, cut, rename, view detail, delete, change view, sort, and so on.

5.5.5 Others

When you enter this menu, the other files which you moved or copied from Pictures, Sounds, Videos, ebook or downloaded via USB will be displayed as a list.

5.5.6 Memory Status

Select My favorites > Memory status or My favorites > Memory card > Memory status then press the OK

Key to enter the menu. Total memory capacity, used memory capacity and free memory capacity of the phone or Memory card will be displayed.

5.6 Camera

Your phone features a digital camera that allows you to take pictures and record videos, store them, set them as wallpaper or send them to your friends.

Please ensure that the camera lens is clean before you take pictures, as small dust particles can strongly affect the picture quality.

5.6.1 Camera Mode

Consult the table below to carry out commonly used camera operations.

How to

Launch Camera	From idle mode, press the OK Key to enter the main menu then select Camera .
Zoom in/out	Press the Navigation Key left or right ▶/◀.
Adjust brightness	Press the Navigation Key up or down ▲/▼.
Take a picture	Press the OK Key. To save the picture to the My Favorites (Pictures) folder, press the Left Soft Key [Save].
Exit and return to idle mode	Press the Hang-Up Key or the Right Soft Key [Back] twice.

At any point in time, you can press the Hang-Up Key to cancel the current operation and return to the idle mode.

Camera Option Menu

When the camera mode is activated you can change a number of settings by pressing the Left Soft Key [Options] before taking a picture:

Options	Description
Switch to DV	Exit from Camera mode and switch to Video mode.
Picture resolution	Select image size: 176*144, 640*480, 1024*768 or 1280*1024.
Picture Quality	Select image quality: Super fine, Fine or Normal.
View picture	Enter the Storage location (My favorites >Pictures or My favorites > Memory card >Pictures) to view the pictures taken.
Camera mode	<p>Color effect: Off (default), B&W, Sepia, B&W negative, Color negative, Embossed and Carved.</p> <p>The selected color effect will be displayed on the screen in real time.</p> <p>Night mode: On or Off.</p> <p>Self-timer: On or Off, the time limit is 10 seconds.</p> <p>Multishot: On or Off, if set to on, three pictures can be taken at the same time.</p> <p>Shutter sound: 1, 2, 3 & off.</p>

Advanced	<p>Storage location: Phone memory or Memory card.</p> <p>Default name: Modify the default name of the photo.</p> <p>Frequency: 50HZ or 60HZ.</p> <p>Preview mode: Select Full screen or Non-full screen.</p>
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Photo Saved

Once you have activated the camera, simply press the OK Key to take a picture. To save the picture, press the Left Soft Key [Save].

When there is not enough memory space, you will not be able to save the picture and you will be prompted with a warning message. You will have to delete existing pictures before you can store new ones.

5.6.2 Video Mode

This option allows you to record short videos. You can play the video and store it in the memory card. You can also send the video to your friends via MMS or Bluetooth.

How to ...

Launch Video	In idle mode, press the OK Key to enter the main menu. Select Camera , press the Left Soft Key, then select Switch to DV .
Adjust brightness	Press the Navigation Key up or down ▲/▼ .
Record a video	Press the OK Key once to begin recording. Press the OK Key again to stop recording.

	To save the video, press the Left Soft Key [OK]. It will be stored in My favorites >Memory card>Videos.
Exit from Video mode and return to idle mode	Press the Hang-Up key or the Right Soft Key [Back] twice.

Video Option Menu

When the video mode is activated and before you start recording, you can change a number of settings by pressing the Left Soft Key [Options].

Options	Description
Switch to camera	Exit from Video mode and switch to Camera mode.
Video Quality	Select video quality: Fine or Normal.
View videos	Enter My favorites > Memory card>Videos to view the recorded videos.
DV mode	Color effect: Off (default), B&W, Sepia, B&W negative, Color negative, Embossed and Carved. The selected color effect will be displayed on the screen. Video format: MPEG-4 or H263. FPS: 5, 10 or 15 frames per second.
Advanced	Default name: Modify the default name of the video. Mute: On or Off. If you select On, sound will not be recorded. Video length: MMS (default) or Unlimited.

	If you select MMS , the size of the recorded video will be smaller than the currently specified maximum MMS size. Recording will stop when reaching the maximum MMS size and the video will be stored automatically.
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Video Playback

Once you have activated the video mode, simply press the OK Key to start recording. Press again to stop recording.

The last recorded scene appears on the display. Save the video by pressing the Left Soft Key [OK]. . Press the Left Soft Key [Options] to access the following operations:

Options	Description
Play	Play the recorded video. During playback, you can: Pause playback by pressing the OK Key or press the Left Soft Key [Full] to enlarge the display screen. Resume playback by pressing the OK Key. Adjust volume by pressing the Navigation Key ▲/▼ Up/Down or the Volume Side Keys. Rewind by pressing and holding the Navigation Key to the left ◀. Fast forward by pressing and holding the Navigation Key to the right ▶. Return to the previous menu level by pressing the Right Soft Key [Back]. Return to idle screen by pressing the Hang-Up Key.

Send	Send the recorded video: via Bluetooth and via MMS.
Delete	Delete the recorded video.
Record new	Return to video mode to record a new video clip.

When there is not enough memory space, you will not be able to save the recorded video and you will be prompted with a warning message.

5.7 Messages

5.7.1 Create Message

5.7.1.1 SMS

SMS enables you to send text messages to another party. You can use the SMS menu to send messages to another phone or a device that is capable of receiving SMS.

Your phone and SIM card can store up to 400 messages. Once you have reached 400 messages, the screen will flash an icon to alert you. You will need to delete some messages in order to receive new ones.

Create, Edit and Send SMS

You need to enter the correct message centre number before you can send SMS. The number can be obtained from your network operator.

1. In idle mode, press the OK Key to enter the main menu.

2. Select **Messages > Create Message > SMS** then press the OK Key. The SMS editing screen will appear.

3. Enter the SMS content in the SMS editor and press the Left Soft Key [Options] to access the following operations:

Options	Description
Continue	Enter the phone number of the recipient. You can also select it from Contacts list or Groups. Press the OK Key to send the SMS.
Save	Save the SMS to the Draft box.
Animation	Press to view defined animations, and then select one to insert into the message.
User defined picture	Press to view user defined pictures, and then select one to insert into the message. It is a shortcut to My Favorites > Pictures .
Sound	Press to view defined sounds, and then select one to insert into the message.
Own sounds	Press to view user defined sounds, and then select one to insert into the message. It is a shortcut to My Favorites > Sounds .

If your SMS is not successfully sent, you can resend it.

If your SMS cannot be sent successfully after several attempts, please check if your SMS centre number has been set correctly.

5.7.1.2 MMS (network dependent)

You can send and receive multimedia messages, known as MMS, which can include texts, pictures, sound and video clips. MMS can include one or several slides. Whether you send it to an e-mail address or to another phone, the MMS will be played as a slide show.

1. In idle mode, press the OK Key to enter the main menu.
2. Select **Messages > Create Message> MMS** then press the OK Key

Before you can send a MMS, you need to enter the correct MMS Centre number and ensure that the network profile of your MMS has been correctly configured. The number can be obtained from your network operator.

Create, Edit and Send MMS

1. In idle mode, press the OK Key to enter the main menu.
2. Select **Messages > Create Message > MMS**.
The MMS editing screen will appear.
3. Enter the MMS content in the MMS editor then press Left Soft Key [Options] to access the following options:

Options	Description
Continue	Enter the phone number of the recipient. You can also select it from Contacts list or Groups. Press the OK Key to send the MMS.

Edit text	Edit MMS text.
Insert object	Insert picture, video, melody, or page.
Change object	This only appears after you have inserted objects. This option allows you to change the inserted objects.
Remove object	Delete inserted objects.
Preview	Preview the current MMS before sending it.
Page timing	Set the play time of the MMS slides. The default value is 30 seconds.
Save as	Save the MMS as a Draft message.

When there is more than one page, you can press the Navigation Key left or right ◀/▶ to view the different pages of the MMS. At the same time, the title bar at the top of the screen will display the current page you are viewing and the total number of pages in your MMS.

5.7.1.3 SMS Templates

The SMS Templates store ten templates for users to choose and insert into the message.

5.7.2 Inbox

The Inbox stores the messages you have received.

1. In idle mode, press the OK Key to enter the main menu.
2. Select Messages > Inbox then press the OK Key
3. If there are messages in the Inbox, they will be listed on the screen in the order they were received (the

most recent message will appear at the top of the list).

4. Press the Navigation Key Up or Down▲/▼ to select a message. When a message is selected, its contents will be displayed on the screen. Press the Left Soft Key [Options] to access the following operations:

Options	Description
View	View the selected message.
Reply	Select to reply to the sender's message.
Forward	Select to forward the message to another recipient.
Delete	Delete the selected message from the Inbox.
Delete all	Delete all the selected messages in the Inbox.
Move to SIM	Move the selected message from Phone to SIM (if available).
Move to Phone	Move the selected message from SIM to Phone (if available).
Details	View information about the message such as date, time and sender.
Dial	Extract the sender's number from the message and dial the number.
Smart search	You can search the contact by Name, Number or Time.
Select multiple	You can select several messages one by one or all at once to delete.

5. Press the OK Key to enter the next screen where the message details will be displayed.

5.7.3 Outbox

The Outbox allows you to save the messages that have not been successfully sent.

1. In idle mode, press the OK Key to enter the main menu.
2. Select **Messages** > **Outbox** then press the OK Key.
3. If there are messages in the Outbox, they will be listed on the screen.
4. Press the Navigation Key Up or Down▲/▼ to select a message. When a message is selected, its contents will appear on the screen.
5. Press the OK Key to enter the next screen where the details will be displayed.

5.7.4 Sent

The Sent folder allows you to save the messages you have successfully sent. The operations are similar to Outbox.

5.7.5 Draft

The Drafts folder lists the messages that were created and saved.

Select a message from the Draft box and press the Left Soft Key [Options] to: View, Send, Edit, Delete, Delete all, Details, Select multiple to delete.

5.7.6 Broadcast SMS

This is a network service which allows you to receive text messages of various contents, such as news, traffic, etc. These messages are provided by the network to subscribers within a certain network area. If this service is available, the network will provide you with the broadcast channel numbers. To access Broadcast SMS from idle mode, press the OK Key to enter the main menu, select **Messages**, then

Broadcast SMS.

From there you can access the following options:

Reception: Select to turn on/off the reception of new cell broadcast messages.

Cell info: Enter the code of channels.

Topics: Add, change or delete channels.

Reception

You can set the reception of broadcast messages On or Off. If you select Off, you will not receive any broadcast messages, even if you have set the corresponding channel numbers.

When you receive a broadcast message, the message content will be displayed on the screen. If the channel is the same as **cell info**, the message content will scroll on idle screen. Broadcast messages will not be saved on your phone or your SIM card. Once you exit from the message screen, you will not be able to read it again. To obtain the codes corresponding to the different types of broadcast messages, you must contact your operator.

5.7.7 Voice Mail

This menu allows you to set your voice mailbox number and listen to your voice messages.

You can forward your calls to your voice mailbox (the phone number for callers to leave a message) via the Call forwarding feature.

Call Voice Mail

When you receive a voice mail, the phone will send you an alert. You can then call your voice mailbox

number to retrieve your voice mail.

In idle mode, press and hold 1 to call your voice mailbox directly. If the number is empty, you will be prompted to enter the number.

5.7.8 Message Settings

5.7.8.1 SMS

To access SMS Message Settings from idle mode, press **Menu > Messages > Messages Settings > SMS** to open the list of SMS accounts. Press the Left Soft Key [Options] > Edit to edit the following SMS settings:

Service Center Number

This menu allows you to save and edit the SMS service center number of your home network. If the service center number is empty, you will not be able to send any SMS.

Validity Period

Allows you to select the duration by which your messages will be stored in the service center. You can select from: 1 hour, 12 hours, 1 day, 1 week and Maximum (default). Press the Left Soft Key to change the value. This option is useful when the recipient is not connected to the network and is not able to immediately receive your messages.

Delivery Report

Press the Left Soft Key to select On or Off to set whether or not to receive a report that your message

was successfully sent to the recipient.

Signature

Press the Left Soft Key to select On or Off (Default is Off). If set to On, an editor opens where you can enter your signature. The signature will be added to the end of your message before it is sent to your recipient. If the SMS is too long after adding the signature, the signature will not be included.

Storage Location

You can press the Left Soft Key [Change] to select the preferred storage location of your messages: SIM card or Mobile phone.

5.7.8.2 MMS

To access MMS Message Settings from idle mode, press **Menu > Messages > Messages Settings > MMS**. Press the Left Soft Key [OK] to access the following MMS settings:

Profiles

You can select or edit the profile parameters.

Sender Visibility

Press the Left Soft Key [Change] to turn this option On or off. When set to "On", your identity will be visible when a MMS is sent.

Priority

This option allows you to set the priority level of your MMS. You can set Low, Normal (default) or High.

Delivery Report

Press the Left Soft Key [Change] to turn this option On or off.

When set to On, a report will be sent to notify you if the MMS has been delivered to the recipient.

Read Report

Press the Left Soft Key [Change] to turn this option On or off.

When set to On, a report will be sent to notify you if the MMS has been read by the recipient.

Expiry Time

Allows you to select the duration by which your MMS will be stored in the MMS center. You can choose from 6 hours, 12 hours, 1 day, 1 week or Maximum (default).

Retrieval

Allows you to select Automatic, Deferred, or Auto in home network when downloading MMS messages.

5.7.9 Memory status

Allows you to check message memory of the phone and the SIM Card.

5.7.10 SMS booking

This menu allows you to edit a SMS and set a time when you want to send the message. The booking SMS will remind you at the set time - just press the Left Soft Key [Yes] to send the message, or press the Right Soft Key [No] to cancel sending.

5.8 Tools

5.8.1 Alarm

Your phone has a built-in alarm clock with snooze feature.

1. To access the Alarm from idle mode, press the OK Key, select **Tools** then **Alarm**.
2. Press the Navigation Key up or down ▲/▼ to select an alarm then press the OK Key to set alarm.
3. Enter the time you want the alarm to sound, then press the OK Key.
4. Select an alarm date from Monday to Sunday and then press Left Soft Key [Save] to save settings.
5. To select an alarm sound, select **Alarm Tone** in the Alarm menu.

When the set alarm time is reached, the alarm will ring even if your phone is switched off. Press any key to disable the alarm and the phone will be switched off automatically.

Snooze

You can select whether to use snooze mode. If snooze is on, you can press any key (except LSK "OK") to stop the alarm and have it ring again in 7 minutes. "Disable snooze?" appears on the display. Press the LSK "OK" again to turn off alarm clock and deactivate snooze. Snooze mode will automatically turn itself off after repeating nine times.

5.8.2 Calendar

This menu displays the calendar. You can select Day view, Week view or Month view. You can create new appointments, view appointments list, delete or modify appointments in the calendar.

To access the Calendar from idle mode, press the OK Key, select **Tools** then **Calendar**. If the current date and time correspond with the date and time of the event, the phone will sound an alarm (if needed), and the screen will display a prompt to indicate the event.

Add New Event

To add an event, select a date from the calendar, then press the Left Soft Key to select **New event**. After entering detailed information, you should press the Left Soft Key [Save] to save the event.

5.8.3 Calculator

Your phone has a built in calculator. Enter the numbers with the keypad. To access the Calculator from idle mode, press the OK Key, select **Tools** then **Calculator**. Key operations are as follows:

Keys	Operations
The OK Key	To calculate.
Left Soft Key	To open options: Calculate, Percent and Modular.
Up	+ Addition
Down	- Subtraction
Left	/ Division
Right	* Multiplication
* key	Positive sign or negative sign
# key	Enter a decimal

The maximum length of the numbers and the result is 8 digits.

5.8.4 Voice Recorder

This menu is only available when a memory card is inserted. It allows you to record a voice memo.

To access the Voice Recorder from idle mode, press the OK Key, select **Tools** then **Voice Recorder**. To start recording, press the Left Soft Key [Record] or the OK Key. During the process, the recorded time will be displayed in real time. To pause or resume recording, press the Left Soft Key [Pause/Resume] or the OK Key. To stop, press the Right Soft Key [Stop]. The recording will be automatically saved in **My favorites >Memory card> Sounds**. Press the Left Soft Key [Play] to listen to the recording.

5.8.5 Stop Watch

Your phone features a stopwatch and the minimum unit is 0.1 second. To access the stopwatch from idle mode, press the OK Key, select **Tools** then **Stopwatch**. There are two kinds of stopwatch: split timing and lap timing. When you select **split timing**, the timepiece will be saved and continue to count when you press **Split**. The 2nd timepiece is recorded based on the continuous timing. You can stop and resume anytime. When you select **Lap Timing**, the timepiece will be saved and start the new timing when you press **Lap**. The 2nd timepiece is recorded in new timing. You can stop and resume anytime.

The format of starting time is "mm:ss.n", n stands for 0.x second, x being any number from 0 to 9.

5.8.6 Unit Converter

This application allows you to convert many types of units such as exchange rate, area, energy, mass, power, pressure, temperature and volume. To access the Unit Converter from idle mode, press the OK Key, select **Tools** then **Unit Converter**.

5.8.7 Connectivity

Bluetooth

Your phone supports Bluetooth wireless technology, allowing connection to a compatible Bluetooth device. To ensure interoperability between other Bluetooth devices, please check with the manufactureres of other devices. The Bluetooth connection can be subject to interference from obstructions such as walls or other electronic devices.

To use Bluetooth connection, the device with which you want to establish a connection must support the Bluetooth function. Please contact the device's manufacturer or its accompanied documentation.

Pair Devices

To activate, press the OK Key to enter the main menu from idle mode and then select **Tools >Connectivity > Bluetooth**. On the Bluetooth screen, select **Activate**. Next, select **Search for devices**. When searching for a device, you are presented with a list of any devices discovered within the range of your Bluetooth-enabled phone. As soon as you select a device and a connection is made, you are prompted to enter a passkey in order to pair with the device.

You should create your own passcode, and agree with the owner of the other device to use the same code. Device that do not have a user interface have a factory-set passcode. Refer to its documentation for further information. The passkey feature ensures that only legitimate connections are allowed to connect either to your device or to the selected device.

Establish Bluetooth connection

If the devices are paired successfully, they will be shown in My device menu. Select the device and press

the Left Soft Key to choose **Connect**.

After the connection is established, you can transfer files, such as pictures, sound, to the selected device.

Battery saving

Features using Bluetooth technology increase the demand on battery power and reduce the battery life.

If you do not intend to use the Bluetooth feature for some time, you should deactivate it in order to conserve battery power.

Bluetooth Menu

Options	Descriptions
Activate	Turn Bluetooth feature On or Off.
Search for devices	Search for the external devices that you can connect with.
My devices	Displays the Bluetooth devices that you can connect to.
Settings	Select to display more features: <ul style="list-style-type: none">• My name: edit the name of your device.• Visibility: choose to show or hide your device by selecting On or Off.• My Profiles: lists the phone's available profiles.

USB Drive

This feature allows you to connect your phone to a PC via a USB cable. To apply the feature:

From main menu, select Tools > Connectivity > USB drive on.

Memory Card

The phone includes a T-Flash memory card slot to increase the phone's memory. In this menu, you can format the memory card.

5.8.8 International Clock

The International clock allows you to check the time of the major cities of the world. You can activate or deactivate the clock display in the Clock status submenu by pressing Left Soft Key [Change]. To access the International Clock from idle mode, press the OK Key, select **Tools** then **International Clock**.

Local Settings

To set the local time zone, select **Local Settings**. The screen displays a world map with the current date and time. A vertical grey bar indicates the current zone on the map, and a text bar shows the current cities. Move the highlight by pressing the Navigation Key left or right ◀/▶ key to update other information in real time. Pressing the Left Soft Key [Options] to choose **Select**.

Foreign Settings

Select this option to set a foreign time zone. The operations and options are the same as the Local time zone.

Switch Local/Foreign

Press the Left Soft Key [Change] to switch the time between the local and foreign clocks.

5.8.9 Countdown

This feature allows you to countdown a time you set.

1. Press the OK Key to enter main menu in idle mode and then select **Tools>Countdown**.
2. Press the numeric keys to edit time in the format of hh:mm:ss and press the Navigation Key left or right ◀/▶ to select which part you want to edit.
3. Press the OK Key or the Left Soft Key [OK] to start the countdown.
4. Press the OK Key or the Left Soft Key [Pause] to pause the countdown.
5. Press the Left Soft Key [Options] to select Go or Reset to continue or reset the time.

5.8.10 Firewall

This function provides a simple and quick method for you to avoid nuisance calls and SMS. Blacklist contains a list of phone numbers from which you do not wish to receive calls or SMS. Whitelist contains a list of phone numbers only from which you want to receive calls or SMS.

Enable or Disable

Select Tools > Firewall > Enable>Black list or White list and choose from the following options:

- SMS
- Incoming call
- SMS and incoming call

Or select Tools > Firewall > Enable>Off to disable.

5.9 Settings

You can configure your phone to best suit your usage preference. You can press the Navigation Key left or right ◀/▶ to switch tabs to configure the following settings: System, Display, Sounds and

Connectivity.

5.9.1 System

This menu allows you to configure general settings:

Profiles: Select Personal, Car, Flight, Home, Meeting, Outdoor or Silent.

Languages: Set the display language of the phone, if you select Automatic, it will choose the language according to your SIM card.

Time & Date

Display time: Select On or Off. When you select On, the time information will be displayed in idle screen.

Time zone: Go to International clock menu and change the time zone.

Set time: Set the time in the format HH:MM. If the time format is 12 hours, am or pm will display in the screen, you can press the Navigation Key Up or Down ▲ and ▼ to switch.

Set date: Set the date.

Time format: Set the time format as 24 hours or 12 hours.

Date format: Set the date format as YYYY/MM/DD, YYYY.MM.DD, DD.MM.YYYY, YYYY-MM-DD or DD-MM-YYYY.

Power-on time: Set a time for the phone to be turned on. You can select On or Off. When you select On, you need to enter the time you want your phone to be switched on.

Power-off time: Same as above.

Security

PIN protection: Select On or Off. When you select On, you need to enter the PIN code when you switch on the phone. The default PIN code is network dependent on your service provider. Please contact your service operator for the PIN information.

Safeguard: You can safeguard important information such as messages, phonebook, call list, or quick call on your phone by activating this function. You can also change the safeguard password. The default safeguard password is 1234.

Phonelock: Select On or Off to activate or deactivate. The default phone lock password is 1234.

Change password:

- Change PIN: Modify the PIN code.
- Change PIN2: Modify the PIN2 code.
- Change safeguard password
- Change phonelock password

Quick: Displays a list of shortcut features. You can set a new shortcut key or delete an existing shortcut key. If you set a shortcut key to Flash Dial and link a contact to it, in idle mode, you can press and hold this key to dial this contact.

Memory Status: You can check the memory status of Phonebook, Messaging and Memory card.

Default Settings: Restore your phone settings to the default values. You should enter the phone lock password.

5.9.2 Display

You can configure your phone with different display settings:

Wallpaper: Turn wallpaper display On or Off.

Dialing Display: Set font size, font color and background color. Press ▲ or ▼ to highlight the item, then press ◀ / ▶ to switch the different settings.

Backlight Level: Select from 4 backlight levels. You can select the backlight level by pressing the Navigation Key up or down ▲ or ▼. Press the OK Key or the Left Soft Key to confirm.

Backlight Duration: Select backlight duration from 60 seconds, 30 seconds and 15 seconds.

Keypad Backlight: Select Normal mode, Custom mode or Night mode. If you choose "Custom mode", you can enter the time for keypad backlight duration.

Greeting: Turn greeting On or Off. When you select On, you can edit the greeting message.

Network Provider: Select On or Off. When you select On, the network provider log will be displayed in the idle screen.

5.9.3 Sounds

You can set your phone to operate with different sound profiles.

Alert Type: Select Ring only, Vibrate only, Vibrate and ring, Vibrate then ring and Silent.

Ringtones: Select the ringtone for Contacts calls, Other calls, Alarm, Calendar, Messages and Broadcast SMS.

Ring Volume: Select from 10 volume levels.

Key Sound: Select from off, Low, Medium and High.

Shutter Sound: Select from 3 shutter sounds. You can also select Off.

Low Battery Alert: Turn warning On or Off.

5.9.4 Connectivity

Call Settings

The following submenus are available:

Auto answer: Turn Auto answer on/off. If on, the incoming call will be answered automatically.

Any key answer: Turn Any key answer on/off. When this function is on, you can answer incoming calls by pressing any key, except the Hang-Up key, the Right Soft Key and the Left Soft Key.

Minute reminder: Select On or Off to activate or deactivate the minute reminder during a call.

Call services: The available options include:

Call time: Display the duration of your calls and their charges: Last call, Total incoming calls, Total outgoing calls and Total calls.

Call waiting: Select Enable or Cancel, or check Status. This feature is network/ subscription dependent. Contact your service provider for more details.

Own ID: Select Show ID or Hide ID or Set by network to determine if your phone number or identity will be displayed when calling someone.

Caller ID: Select to check the setting of displaying the identity of the person calling you. This feature is network/ subscription dependent. Contact your service provider for more details.

Call divert: Select to divert incoming calls to your mailbox or to a number (whether in your contacts or not)

and you can choose from the following options: All calls, If Unreachable, If no answer, or If busy. You can also cancel all divert settings by selecting **Cancel all divert**.

Call barring: Allows you to limit the use of your phone to specific calls. To activate call barring, you need to enter a communication limit code. This barring code will then be sent to the network for validation.

Auto redial: You can set the auto redial option On or Off. When set to On and the party you wish to call is not connected, you will be asked if you want to redial.

Message Settings

For more information, see "Message Settings".

Network Settings

The network name will be displayed on the idle screen. If the phone is not able to identify the network name, it will display the country code and the network code of the unknown network.

Select Network: This will vary according to the search mode you have selected. If you select Automatic, the network will be searched automatically. If you select Manual, the search will commence only when you confirm to start searching.

Search Mode: Select Automatic or Manual.

Preferred Networks: The Preferred network list is stored in the SIM card. It specifies the priority by which your phone will register to the available network during automatic registration.

Attach Net: This option allows you to set the net attach mode during a PDP session. You can choose either one of the following:

- Always attached
- Attached during PDP session

Browser

Various Browser parameters can be set under this option, including WAP parameters and Push message.

WAP Profiles: WAP profiles are displayed in a list. You can activate and use one of the profiles. Select the Left Soft Key [Options] to edit. Note: if certain data accounts are pre-configured, you will not need to change the settings. If you want to edit the profiles, please contact your service provider for more information.

Push Message: You can select to Accept or Reject the incoming Push messages.

Connections

CSD Profiles: You can activate and use one of the profiles. Select **Edit** to edit profile name, call types, dial number, login name and password. Note: if certain data accounts are pre-configured, you will not need to change the settings. If you want to edit the profiles, please contact your service provider for more information.

GPRS Profiles: You can activate and use one of the profiles. Select **Edit** to edit profile name, APN, login name and password. Note: if certain data accounts are pre-configured, you will not need to change the settings. If you want to edit the profiles, please contact your service provider for more information.

GPRS Info: To view how much data you have received through GPRS.

5.10 Entertainment

Some of the features described here are dependent on the configuration of your phone, the country in which you purchased your phone, and/or your service provider.

5.10.1 DV

Please refer to Video mode described in Camera.

5.10.2 FM Radio

This menu is only available when headset is plugged in.

1. In idle mode, press the OK Key to enter the main menu.
2. Select **Entertainment > FM radio** and then press the OK Key.
3. FM radio will display the station last time you set.

At the first time you use, we suggest you to press the Left Soft Key and select **Search and save**.

The keypad operations are as follows:

Key	Description
The OK Key	Open options menu.
◀ or ▶	Adjust station according to seek type .
▲ or ▼, or the Volume Side Keys	Adjust volume. Once you have set the volume, the settings will be saved until the next time you adjust it again.
Left Soft Key [Options]	Open options menu.

Right Soft Key [Back]	Return to previous menu.
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Press Left Soft Key to access following Options:

Options	Descriptions
Seek type	Fine tune or Preset station. When the fine tune is set, press ◀ or ▶ in FM main menu will change the station by 0.1 every time. When the preset station is set, press ◀ or ▶ in FM main menu will change the station between the preset stations.
Preset station	30 stations for you to preset. You can delete, rename or replace a preset station.
Enter station	Enter the station for FM radio.
Minimize	Minimize the FM radio screen.
Turn on speaker	Speaker on.
Save	Save the current station to the preset station.
Search and save	Search the available stations and save them to the preset station.
Exit	Exit the FM radio.

5.10.3 Games

This menu features games that are pre-installed on your phone. Press the OK Key to enter the main menu from idle mode and select **Entertainment > Games**. The games appear, including Tetris, Boxman,

Snake and Mine.

1. Press the Navigation Key Up or Down ▼/▲ to select game from the list;
2. Press the OK Key to enter game menu;
3. Press the OK Key or the Left Soft Key to start the game or press the Right Soft Key to go back to the game list.
4. Press 1, 2 or 3 to enter related menus on each screen. Select Description to access help information.

5.10.4 Media Player

This feature allows you to edit your playlist, and play music or video. The phone supports audio files in MP3, WMA, AAC+ and AAC format.

Music player

Now Playing

The screen displays the file currently playing.

Keys Operation

The keypad operations during music playback are as follows:

Key	Description
The OK Key	Short press to Start/Pause/resume music playback.
Navigation Key ◀	Press once to restart current track (if it played more than 2 seconds), press twice quickly to start playing the previous track. Press and hold to rewind the track.

Navigation Key ►	Short press to select the next song. Press and hold to fast forward current track during playback.
Navigation Key ▲ or ▼, Volume Side Keys	Adjust volume. Once you have set the volume, the settings will be saved until the next time you adjust the volume.
Left Soft Key [Options]	Open options menu
Right Soft Key [Back]	Return to previous menu

Press Left Soft Key [Options] to access the following options:

Options	Description
Play/Pause	Play/Pause the selected audio file.
Background play	To play music in background.
Add to playlist	Open the playlist, select a playlist, and then add the selected file to the playlist.
Equalizer	Select Normal, Bass boost, Dance, Hip-hop, Pop, R&B or Rock.
Play mode	Shuffle: On or Off. Repeat: None, Repeat Single or Repeat playlist.
Display mode	Select playing display: Frequency chart or Details.
Skin	Select player skin: Skin01 or Skin02.
Details	Display detailed information about the selected audio file.

Tracks

This feature allows you to play downloaded music on your Memory card. From the list of tracks, press the Navigation Key Up or Down ▲/▼ to select the music file you want to play and then press the Left Soft Key [Options] to open, add to playlist, delete, or show the details.

Artists

A list of singer names is displayed on the screen. Press the Navigation Key up or down ▲/▼ to select a certain artist then press the Left Soft Key or the OK Key to display all tracks of the selected artist.

Playlists

The stored playlists are displayed on the screen. To create a new playlist, select **New playlist**. Enter the playlist name and press the OK Key. Press the Navigation Key up or down ▲/▼ to select the playlist. Press the OK Key to enter the playlist, then press the OK Key again to show the track list. Press the Navigation Key up or down ▲/▼ to select track or press the OK Key to add or remove it. Press Left Soft Key [Done] to store the selected tracks in the playlist.

You can create up to 10 playlists.

Last Played

Lists the last 10 tracks you have played. The last played track appears at the top of the list.

Settings

The available options include:

Options	Description
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Equalizer	Select Normal, Bass boost, Dance, Hip-hop, Pop, R&B or Rock.
Play mode	Shuffle: On or Off. Repeat: None, Repeat Single or Repeat playlist.
Display mode	Select playing display: Frequency chart or Details.
Skin	Select player skin: Skin01 or Skin02.
Help	Display directions on how to use the music player.
Refresh list	All tracks stored in the phone memory and the memory Card will be refreshed.

Video Player

This feature allows you to play or manage video files saved in the memory card.

Please see the Camera > Video mode section of this manual for detailed information.

5.10.5 Browser

Your phone includes a WAP browser. You can obtain news, sports and weather information, as well as services from the Internet via the WAP browser.

This feature is available only if your subscription includes WAP access services. The settings have been pre-configured (depends on country variants) and you do not need to modify them. For more information, please contact your network operator.

If you wish to add or modify the configuration parameters, you need to obtain the necessary information from your network operator before you proceed. Please check with your network operator for the most

updated information.

Homepage

Select this menu to access the homepage directly. You can also set the homepage address in the settings menu.

Bookmark

You can save the current web page or the web pages that you frequently visit to the Bookmark list, where you can manage and organize them. When you enter the menu, a list of bookmark entries is displayed. To connect to the web address of a particular bookmark entry, select an entry by pressing the Navigation Key up or down ▲ or ▼ then press the OK Key or the Left Soft Key [OK].

Enter Address

Enter the web address and press the Left Soft Key or the OK Key to connect, press the Right Soft Key [Back] to return to previous web page.

Connection

Show images: Select On or Off

Enable Refresh: Select On or Off

Clear cache: To clear the cache, press the Left Soft Key [OK] to confirm or press the Right Soft Key [Cancel] to go back to the last screen.

Cookies: Allows you to Enable cookies or Clear cookies.

History

This menu allows you to manage, organize and quickly access the web pages you have previously visited.

Push Inbox

Allows you to check your Push messages.

5.11 Call history

5.11.1 Call List

This menu provides you with a list of calls you have missed, answered and made. The calls include All calls, Missed calls, Answered calls and Outgoing calls, which are displayed in chronological order with the most recent call at the top of the list. Select a call from one of the lists and press the OK Key, then press the Left Soft Key [Options] to access the following:

Options	Description
Save	Save the number if the number is not in the Contacts list.
Send message	Send a message to the selected number. You can send by SMS or MMS.
Delete	Delete the selected number from the list.
Dial	Call the selected number.
Add to Black list	Add the phone number to the Black list, see "Firewall".

Edit Number before dial	Open the number editor, where you can edit the number then press the Left Soft Key [Options] to Save, Dial, Send messages or access the Unit converter.
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5.11.2 Clear History

This menu allows you to clear the call histories including: Outgoing/Answered/Missed/Delete all.

5.11.3 Call Timer

This menu allows you to view or clear the call timer history of Last call, Total incoming calls, Total outgoing calls or Total calls.

6. Precautions

Please carefully read and observe the terms below:



Safe power on

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



Safe transportation firstly

Please observe all related local laws and regulations.

Please drive with both hands.

Safe transportation should be considered first when driving.



Disturbance

All cellular phone performances might be disturbed.



Switch off in hospital

Please follow related limitations.

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



Switch off on airplane

Please follow related limitations.

Do not use your cellular phone on an airplane.



Switch off when pumping gasoline

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



Switch off near exposure Area

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



Proper use

As described in this manual, your cellular phone can be used only in the correct location. If possible, please do not touch the antenna area of your phone.



Use qualified after sale service

Only a qualified technician can install or repair your cellular phone.

**Accessories and batteries**

Only use the authorized accessories and batteries and do not connect to incompatible manufacturers or products.

**Waterproof**

Your cellular phone is not waterproof. Please keep it away from water.

**Backup**

Remember to make a backup or keep a written record of all important information saved in your cellular phone.

**Connect to other devices**

Please read the user manual of the device to get more detailed security instructions before connecting to other devices and do not connect to an incompatible product.

**SOS emergency calls**

Make sure your cellular phone is switched on and in a service area. In idle mode, input the SOS number, then press the Dial Key. Advise where you are and do not hang up without permission.

7. Troubleshooting

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

	Need to change battery.	Insert a new battery.
	When you cannot receive signals, your cellular phone will continue to send to find a basis. A lot of battery power is used, so as to limit idle time.	Please move to an area where signal is strong or temporarily turn off your phone.
Cannot switch on	Battery is drained.	Check battery volume or charge battery.
Wrong SIM card	SIM card is damaged.	Contact your operator.
	SIM card is not inserted properly.	Make sure SIM card is inserted properly.
	Dirt on metal side of SIM card.	Wipe metal point of SIM card with a clean cloth.
Cannot connect to network	SIM card is unusable	Contact your operator.
	Out of GSM service area.	Request service area to operator.
	Feeble signal.	Please move to an area where signal is stronger and try again.

Cannot call	Activate call barring	Cancel call barring
	Activate fix dialing	Cancel fix dialing
Wrong PIN code	Entered the wrong PIN code three times.	Contact your operator.
Cannot charge	Battery or charger is damaged.	Change battery or charger.
	Charge in area where the temperature is lower than 0°C or higher than 40°C.	Change charging environment.
	Bad connection	Check the connection between the phone and the charger.
Cannot add contact	Contacts memory is full.	Delete some contacts.
Cannot set some functions	Operator does not support the function or you have not applied the function.	Contact your operator.

8. Safety Information and Notices

Using the Cellular Phone and Charger

Danger:

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

Caution:

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

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

Warning:

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

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

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

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

Using the Cellular Phone

Warning:

Do not use the phone while you are driving. Pull over and stop your automobile to dial or listen to a phone call.

Usage of cellular phones in aircrafts or hospitals is prohibited. Switch the phone off to prevent interference with electronic medical devices. Follow any rules or regulations in such places.

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

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

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

Caution:

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

Avoid using your phone in crowded places.

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

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

Using the Battery

Danger:

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

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

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

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

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

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

Warning:

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

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

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

Caution:

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

Using the Charger

Danger:

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

If the charger short circuits, a fire may occur.

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

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

Do not store the charger near any liquids. If liquids spill onto the charger it may cause it to overheat or breakdown.

If liquid does spill onto the charger, immediately unplug the power cable to prevent overheating, fire or another type of breakdown.

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

breakdown.

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

Caution:

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

Unplug the charger from its power source before cleaning it.

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

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

Requirements for Cellular Phone

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

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

Requirements for the Battery

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

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

The phone battery wears out fast. If charging the battery does not improve its performance, it is time to

replace the battery. Properly dispose of the battery according to local regulations. Do not throw it into a fire.

Requirements for the Charger and AC Adapter

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

Specific Absorption Rate (SAR) information

Your phone has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific organizations through periodic and thorough evaluation of scientific studies. These guidelines include safety margins designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted by using standardized method with the phone transmitting at its highest certified power level in all used frequency bands.

Your phone are designed to meet the relevant guidelines for exposure to radio waves.

Cleaning and Maintenance

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

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

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

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

12 MONTH LIMITED WARRANTY

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

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

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

This Warranty does not apply to:

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

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

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

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

Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

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

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

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

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

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

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

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

SAR Information

The SAR limit of USA (FCC) is 1.6W/kg Averaged over one gram of tissue. Device types C5160C (FCC ID : T38UT5160C) has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Specific Absorption Rate Data

This Model wireless phone meets the government's requirements for exposure to radio waves. Your Mobile phone is a radio transmitter and receiver. It is designed and manufactured to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communication Commission (FCC) of the

U.S Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

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 1.6 W/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 power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S, it must be tested and certified to the FCC that it does not exceed the limit established for safe exposure. The tests are performed in positions and locations (e.g. at the ear and worn on the body) reported to the FCC.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products, in all cases, products are

designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 W/Kg averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Software Copyright Notice

The software products described in this manual may include copyrighted and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for manufacturer and third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the product may not be modified, reverse engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the product shall not be deemed to grant either directly or by implication estoppels, or otherwise, any license under the copyrights, patents or patent applications or any third-party software provider, except for the normal, non-exclusive royalty-free license to use that arises by operation of law in the sale of a product.

Safety and General information

This section contains important information on safe and efficient operation of your mobile phone. Read

this information before using your mobile phone.

Exposure To Radio Frequency (RF) Energy

Your mobile phone contains a transmitter as receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile phone, the system handling your call controls the power level at which your mobile phone transmits.

Your mobile phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

For optimal mobile phone performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standard, always follow these instructions and precautions.

Product Operation

When placing or receiving a phone call, hold your mobile phone just like you would a landline phone.

If you wear the mobile phone on your body, always place the mobile phone in a manufactured-supplied or approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by the manufacturer, keep the mobile phone and its antenna at least 1.5 centimeters (1 inch) from your body when transmitting.

When using any data feature of the mobile phone, with or without an accessory cable, position the mobile phone and its antenna at least 1.5 centimeters (1 inch) from your body.

Using accessories not supplied or approved by the manufacturer may cause your mobile phone to exceed RF energy exposure guidelines.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile phone may cause interference with other devices.

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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